

LabVIEW driver history for the R&S® Digital Oscilloscopes

Products:

| R&S® RTP



| R&S® RTE



| R&S® RTO2000



| R&S® RTO1000



| R&S® RTO6



Driver history for LabVIEW

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1 Supported Instruments

In the following table, the supported Rohde & Schwarz instruments and firmware versions are listed:

Which instruments are supported?		
Current revision of instrument driver supports these instruments and firmware versions:		
Instrument	Supported Firmware	Remarks
RTP	5.10	
RTO2000	5.10	
RTO6	5.10	
RTE1000	4.80	
RTO1000	3.70.1.0	

2 Installation of the LabVIEW driver

Before you start the installer, please close your LabVIEW application.

2.1 Installation on a Windows machine

The driver is distributed as WinZip self-extracting executable file. Installer supported operation systems: WinXP, Win7, Win8, Win10.

Preconditions:

- LabVIEW 2015 or newer installed
- Any VISA installed – R&S VISA 5.12.0 or newer / NI VISA 10.0 or newer

When you start the driver WinZip installer, it performs the following steps:

1. Unpacking of the driver's **instr.lib** and **user.lib** directories content as well as the **Installer.vi** into a temporary folder: **C:\temp\rsscope-lv-5.10.0**
The driver is compiled in LabVIEW 2015 64-bit. From there you can copy it to another location or run the **Installer.vi** manually later. The content of the temporary folder is not deleted after the installation is finished. Starting the same installation again will overwrite all the data in that temporary folder.
2. After unpacking, the **Installer.vi** automatically starts in the last opened version of LabVIEW. In case you have more than one version of LabVIEW installed on your machine, make sure that the last opened LabVIEW version is the one in which you want to install the driver. If that is not the case, cancel the installation, open and close your desired LabVIEW version and run the installer again. You can have the driver installed parallel for more LabVIEW versions by repeating the installation process for each desired version.
3. On the installer options page you can change the location of the **instr.lib** part of the driver. **user.lib** part must be placed in the default location, otherwise the Express VI configuration will not properly function.
Hitting **Next** button will first delete the old driver (if it existed), copy the new driver and mass-compile it.
4. If you have an older rsidr_toolbox, the installer updates it to the last version.
5. The LabVIEW is closed and after starting it again, the driver is ready for use.

2.2 Installation on a non-Windows machine

In case you would like to install the driver on a non-Windows machine, use a Windows machine to start the driver's WinZip self-extracting executable file. **This machine does not need to have LabVIEW installed.**

After the **Step 1** (see the chapter 2.1), copy the content of the temporary folder to your target machine and start the **Installer.vi** manually.

From that point onwards, the installation process is the same as described in Steps 2, 3, 4 and 5.

3 LabVIEW driver history

rsscope Instrument Driver		
Driver history for LabVIEW		
Revision	Date	Note
5.10.0	05/2022	<ul style="list-style-type: none"> * Support for RTO, RTP version 5.10 * Updated core to version 7.3.0 * New: <ul style="list-style-type: none"> - Configuration > Measurements > Amplitude Time > Amplitude vs. Time Arithmetic (Class) - Configuration > Measurements > Spectrum > Spectrum Arithmetic (Class) - Configuration > Protocols > USB 31 Generation 1 > DSP (Class) - Configuration > Protocols > PCIe > DSP (Class) - Configure Serial Pattern I30B.vi - Configure Label Show.vi - Configure Jitter Data Measurement Unit.vi - Configure Advanced Jitter Reference Clock Frequency.vi - Run Advanced Jitter Reference Clock Freq Estimation.vi - Configure Advanced Jitter Reference Clock Multiplier Factor.vi - Configure Advanced Jitter Reference Clock Offset.vi - Run Advanced Jitter Reference Clock Offset Estimation.vi - Configure Advanced Jitter Reference Clock Sampling Time.vi - Query Advanced Jitter Reference Clock Data Rate.vi - Configure Advanced Jitter Decomposition Display Settings.vi - Configure Protocol Export Settings.vi - Export Protocol To File.vi - Query Search LIN Frame Symbolic Data.vi - Query Search LIN Frame Symbolic Data Export.vi - Configure Manchester NRZ Filter Frame Field Numeric Enabled.vi - Configure Manchester NRZ Filter Frame Field Bit State.vi - Configure Manchester NRZ Filter Frame Field Data Pattern Settings.vi - Configure Manchester NRZ Filter Frame Field Index Pattern Settings.vi - Configure EBTB Trigger Condition Type.vi - Configure EBTB Search Search Type.vi - Configure DPHY Show Multiple Lanes.vi - Configure MPHY Show Multiple Lanes.vi - Configure PCIe Show Multiple Lanes.vi - Configure PCIe Trigger Level.vi - Configure PCIe Trigger Error Condition.vi - Query Protocol PCIe Packet Bit Rate.vi - Configure PCIe Search Ordered Sets Start Of Data Sequence.vi - Configure PCIe Search Error Condition.vi - Configure 1000BASE-T1 Trigger Level.vi

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - Configure FFT Type.vi - Configure FFT Vertical Maximum.vi - Configure Waveform Generator Coupling Enable.vi - Configure Waveform Generator Coupling Noise.vi - Configure Waveform Generator Coupling Arbitrary.vi - Execute Pattern Generator Single Run.vi - Configure CDR Software Algorithm.vi - Configure CDR Software Sampling Time.vi * Updated: - Configure Calibration.vi - Source frequencies updated - Configure Trigger.vi - Value added - Configure Edge Trigger Source.vi - Value added - Configure Width Trigger Source.vi - Value added - Configure Interval Trigger Source.vi - Polarity value added - Configure Slew Rate Trigger Source.vi - Value added - Configure Data2Clock Trigger Source.vi - Commands updated, value added - Configure Serial Pattern Trigger Source.vi - Value added - Configure Serial Pattern Trigger Type.vi - Value updated - Configure TV Trigger.vi - Polarity value added - Configure Trigger Out Signal.vi - Value added - Configure Trigger Qualification.vi - Added value - Color Table Define Row.vi - Color data type fixed - Configure Jitter Clock Measurement Pulse Polarity.vi - Either value added - Configure Advanced Jitter Reference Signal Clock.vi - Help updated - Configure Advanced Jitter General Results.vi - SEP and BT values added - Configure Spectrum Main Measurement.vi - Value addded - Search Trigger Copy Configuration.vi - Help updated - Configure Data2Clock Trigger Search.vi - Help updated - Configure State Trigger Search Qualification.vi - Values added - Configure Audio Word Select Trigger.vi - Value added - Configure RFFE Version.vi - Value added - Configure PCIe.vi - Generation added - Configure PCIe Trigger Ordered Sets.vi - Value added - Query PCIe Packet Status.vi - Packet status and type help updated - Query PCIe Packet Field.vi - Field status help updated - Configure PCIe Search Ordered Sets.vi - Default value updated - Query PCIe Search Packet Status.vi - Type and Status help updated - Query PCIe Search Packet Field.vi - Field status help updated - Configure Hardcopy Device.vi - PDF format added

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - Read Amplitude Time Waveform Measurement.vi - Arithmetic added - Read Start Stop Amplitude Time Waveform Measurement.vi - Arithmetic added - Read Spectrum Waveform Measurement.vi - Arithmetic added - Read Start Stop Spectrum Waveform Measurement.vi - Arithmetic added - Fetch Amplitude Time Waveform Measurement.vi - Arithmetic added - Fetch Start Stop Amplitude Time Waveform Measurement.vi - Arithmetic added - Fetch Spectrum Waveform Measurement.vi - Arithmetic added - Fetch Start Stop Spectrum Waveform Measurement.vi - Artihmetic added - Configure Waveform Generator Arbitrary Scope Source.vi - Values added - Configure CDR Hardware Serial Standard.vi - Values added - Configure Long Term Export Type.vi - Values added - rsscope Configure CAN Search DLC - the function name changed from rsscope Configure CAN Search DCL - rsscope_Configure CAN Trigger DLC - the function name changed from rsscope Configure CAN Trigger DCL
4.80.1	03/2021	<ul style="list-style-type: none"> * In addition to the scalar result, the following Vis now also return array of results: - rsscope Fetch Main Waveform Measurement.vi - rsscope Read Main Waveform Measurement.vi - rsscope Fetch Histogram Waveform Measurement.vi - rsscope Read Histogram Waveform Measurement.vi - rsscope Fetch Amplitude Time Waveform Measurement.vi - rsscope Read Amplitude Time Waveform Measurement.vi - rsscope Fetch Eye Jitter Waveform Measurement.vi - rsscope Read Eye Jitter Waveform Measurement.vi - rsscope Fetch Jitter Waveform Measurement.vi - rsscope Read Jitter Waveform Measurement.vi - rsscope Read Spectrum Waveform Measurement.vi - rsscope Fetch Spectrum Waveform Measurement.vi * Updated: - rsscope Configure Meas Source.vi - ring parameters fixed - rsscope Configure Meas Source.vi - ring parameters fixed - rsscope Configure DPHY Source.vi - ring parameters fixed - rsscope Configure Space Wire Source.vi - ring parameters fixed - rsscope Configure EBTB Source.vi - ring parameters fixed - rsscope Remove Waveform From Diagram.vi - ring parameters fixed - rsscope Configure Waveform Export Source.vi - ring parameters fixed - rsscope Configure XY Diagram.vi - ring parameters fixed - rsscope Add Diagram.vi - ring parameters fixed - rsscope Add Label.vi - ring parameters fixed - rsscope Add Waveform To Diagram.vi - ring parameters fixed

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Remove Label.vi - ring parameters fixed - rsscope Show Waveform In Diagram.vi - ring parameters fixed
4.80.0	02/2021	<ul style="list-style-type: none"> * Support for RTO, RTP & RTE version 4.80 * Updated core to version 6.72.0 * New Subsystems - 1000BASE-T1 Protocol * New: - rsscope Configure Display Results On External Monitor Enabled.vi - rsscope Configure Display Dialogs On External Monitor Enabled.vi - rsscope Configure Advanced Jitter Serial Standard.vi - rsscope Configure Advanced Jitter Decomposition Step Position.vi - rsscope Advanced Jitter Decomposition Select All Noise Components.vi - rsscope Advanced Jitter Decomposition Clear Selected Noise Components.vi - rsscope Configure Advanced Jitter Decomposition Periodic Components Enabled.vi - rsscope Configure Advanced Jitter Decomposition Other Bounded Uncorrelated Enabled.vi - rsscope Configure Advanced Jitter Bathtub Components.vi - rsscope Configure Advanced Jitter Results Noise Bathtub Plot.vi - rsscope Configure Advanced Jitter Results Synthetic Eye Periodic Components Enabled.vi - rsscope Configure Advanced Jitter Results Diagram Levels.vi - rsscope Configure Advanced Jitter Results Scaling Auto Jitter.vi - rsscope Configure Advanced Jitter Results Scaling Auto Noise.vi - rsscope Configure Deembedding Realtime Enabled.vi - rsscope Configure MSO Digital Channel Display.vi - rsscope Configure Waveform Generator Coupling Output.vi - rsscope Configure CDR Software PLL Reverse Lock Enabled.vi * Updated: - rsscope Configure Serial Bus Trigger Source.vi : 1000BASE-T1 added - rsscope Configure Waveform Color.vi : Waveform repcap updated - rsscope Add Diagram.vi : Sources updated - rsscope Show Waveform In Diagram.vi : Sources updated - rsscope Add Waveform To Diagram.vi : Sources updated - rsscope Remove Waveform From Diagram.vi : Sources updated - rsscope Add Label.vi : Sources updated - rsscope Remove Label.vi : Sources updated - rsscope Configure Measurement Source.vi : Sources added - rsscope Configure Meas Source.vi : Sources added - rsscope Configure Cursor.vi : Sources added - rsscope Configure Cursor Second Source.vi : Sources added - rsscope Configure Advanced Jitter Decomposition Periodic Jitter.vi : Ranges updated

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure Advanced Jitter Results Diagram Transitions.vi : Help updated - rsscope Query Advanced Jitter Results Component Statistics Peak To Peak.vi : Attribute updated - rsscope Query Advanced Jitter Results Component Statistics Standard Deviation.vi : Attribute updated - rsscope Query Advanced Jitter Results Component Statistics Min Standard Deviation.vi : Help updated - rsscope Create New Histogram.vi : Sources added - rsscope Configure Histogram Source.vi : Sources added - rsscope Configure Waveform Reference Level.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Auto Settings.vi : Waveform repcap updated - rsscope Configure Waveform Reference User Signal Level.vi : Waveform repcap updated - rsscope Configure Waveform User Reference Level.vi : Waveform repcap updated - rsscope Configure Waveform User Middle Reference Level.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Relative Levels.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Relative User Levels.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Hysteresis.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Tube.vi : Waveform repcap updated - rsscope Configure Waveform Reference Level Tube Relative.vi : Waveform repcap updated - rsscope Configure Mask Test Source.vi : Sources added - rsscope Configure UART.vi : Bit rate range updated - rsscope Configure EBTB Source.vi : Sources updated - rsscope Configure DPHY Source.vi : Sources added - rsscope Configure Space Wire Source.vi : Sources updated - rsscope Query 100BASE T1 Frame CRC.vi : CRC now Int64 - rsscope Query 100BASE T1 Frame Number Of Words.vi : Words now Int64 - rsscope Query 100BASE T1 Frame Word Status.vi : Word now Int64 - rsscope Query 100BASE T1 Frame Word String Value.vi : Word now Int64 - rsscope Configure Waveform Export Source.vi : Sources updated - rsscope Configure Waveform Nx Single Acquisition Display Update.vi : Attribute updated * Deleted: <ul style="list-style-type: none"> - rsscope Query Advanced Jitter Results Component Peak To Peak.vi - rsscope Query Advanced Jitter Results Component Standard Deviation.vi
4.75.0	07/2020	<p>Support for RTO, RTP & RTE version 4.75</p> <p>* Updated core to version 6.70.0</p> <p>* Last version available in LabVIEW 2010. All the future updates will require LabVIEW 2015 or newer</p> <p>* New:</p> <ul style="list-style-type: none"> - Advanced (Class) - Gating (Class) - Decomposition (Class) - Components (Class)

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - Results (Class) - Trigger (Class) - rsscope Configure Differential Offset.vi - rsscope Configure Differential Position.vi - rsscope Configure Differential Scale.vi - rsscope Configure Differential Enabled.vi - rsscope Configure Differential Signal Positive Negative.vi - rsscope Configure Differential Coupling Enabled.vi - rsscope Detect ZVC Zero Offset.vi - rsscope Configure ZVC Zero Offset Use.vi - rsscope Query ZVC Zero Offset Status.vi - rsscope Query Calibration Date.vi - rsscope Query Calibration Time.vi - rsscope Configure Waveform Color.vi - rsscope Configure Measurement X-Grid Fixed.vi - rsscope Configure Label Font Size.vi - rsscope Configure Advanced Jitter Analyzed Signal.vi - rsscope Advanced Jitter Quick Start Analysis.vi - rsscope Configure Advanced Jitter Reference Source.vi - rsscope Configure Advanced Jitter Reference Signal Clock.vi - rsscope Configure Advanced Jitter Reference Signal CDR.vi - rsscope Configure Advanced Jitter Gating.vi - rsscope Configure Advanced Jitter Gate Area.vi - rsscope Configure Advanced Jitter Decomposition Step Response.vi - rsscope Advanced Jitter Decomposition Estimate Step Response.vi - rsscope Query Advanced Jitter Decomposition Step Response Estimated Max.vi - rsscope Configure Advanced Jitter Decomposition Target BER.vi - rsscope Advanced Jitter Decomposition Select All Basic Jitter Components.vi - rsscope Advanced Jitter Decomposition Select All Jitter Components.vi - rsscope Advanced Jitter Decomposition Clear Selected Basic Jitter Components.vi - rsscope Advanced Jitter Decomposition Clear Selected Jitter Components.vi - rsscope Configure Advanced Jitter Decomposition Component Enabled.vi - rsscope Configure Advanced Jitter Decomposition Periodic Jitter.vi - rsscope Configure Advanced Jitter Results Enabled.vi - rsscope Configure Advanced Jitter General Results.vi - rsscope Configure Advanced Jitter Component Specific Results.vi - rsscope Configure Advanced Jitter Results Diagram Transitions.vi - rsscope Configure Advanced Jitter Results Scaling.vi - rsscope Configure Advanced Jitter Results Scaling Manual.vi - rsscope Query Advanced Jitter Results Component Peak To Peak.vi - rsscope Query Advanced Jitter Results Component Standard Deviation.vi

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Query Advanced Jitter Results Component Statistics Waveform Count.vi - rsscope Query Advanced Jitter Results Component Statistics Peak To Peak.vi - rsscope Query Advanced Jitter Results Component Statistics Standard Deviation.vi - rsscope Query Advanced Jitter Results Component Statistics Max Peak To Peak.vi - rsscope Query Advanced Jitter Results Component Statistics Max Standard Deviation.vi - rsscope Query Advanced Jitter Results Component Statistics Min Peak To Peak.vi - rsscope Query Advanced Jitter Results Component Statistics Min Standard Deviation.vi - rsscope Query Advanced Jitter Results Periodic Component Count.vi - rsscope Query Advanced Jitter Results Periodic Component Frequency.vi - rsscope Query Advanced Jitter Results Periodic Component Value.vi - rsscope Query Advanced Jitter Results Periodic Component Direction.vi - rsscope Configure Protocol Main Measurement.vi - rsscope Configure Protocol Additional Measurement.vi - rsscope Configure Main Bit Rate.vi - rsscope Configure Secondary Bit Rate.vi - rsscope Configure Waveform Reference Level.vi - rsscope Configure Waveform Reference Level Auto Settings.vi - rsscope Configure Waveform Reference User Signal Level.vi - rsscope Configure Waveform User Reference Level.vi - rsscope Configure Waveform User Middle Reference Level.vi - rsscope Configure Waveform Reference Level Relative Levels.vi - rsscope Configure Waveform Reference Level Relative User Levels.vi - rsscope Configure Waveform Reference Level Hysteresis.vi - rsscope Configure Waveform Reference Level Tube.vi - rsscope Configure Waveform Reference Level Tube Relative.vi - rsscope Clear Mask Test Segments.vi - rsscope Configure RFFE Read Mode.vi - rsscope Configure RFFE Version.vi - rsscope Configure RFFE Trigger Interrupt Pattern.vi - rsscope Configure RFFE Trigger Mask.vi - rsscope Configure RFFE Trigger Error Gap.vi - rsscope Configure RFFE Trigger Error Version.vi - rsscope Query RFFE Sequence Byte Name.vi - rsscope Query RFFE Sequence Bit Rate.vi - rsscope Query RFFE Sequence Write Bit Rate.vi - rsscope Configure RFFE Search Error Gap Time.vi - rsscope Configure RFFE Search Error Version.vi - rsscope Set Attribute RawString.vi - rsscope Get Attribute RawString.vi - rsscope Get Attribute ViString With Real Len.vi - rsscope Get Attribute RawString With Real Len.vi

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure MSO Data Format.vi - rsscope Query IQ Warning.vi - rsscope Query IQ Sampling Input Rate.vi - rsscope Query Status Bit Number.vi - rsscope Configure Numeric Results Decimal Symbol.vi * Updated: - rsscope Configure Current Probe Predefined.vi - Range table - rsscope Configure Trigger.vi - Help - rsscope Configure Edge Trigger Source.vi - Help - rsscope Configure Runt Trigger Source.vi - Help - rsscope Configure Glitch Trigger Source.vi - Help - rsscope Configure Width Trigger Source.vi - Help - rsscope Configure Window Trigger Source.vi - Help - rsscope Configure Timeout Trigger Source.vi - Help - rsscope Configure Interval Trigger Source.vi - Help - rsscope Configure Slew Rate Trigger Source.vi - Help - rsscope Configure Data2Clock Trigger Source.vi - Help - rsscope Configure Serial Pattern Trigger Source.vi - Help - rsscope Configure Serial Pattern Complex Word Alignment.vi - Help - rsscope Configure Serial Pattern Complex Word Condition.vi - Help - rsscope Configure Serial Bus Trigger Source.vi - Help - rsscope Configure NFC Trigger.vi - Help - rsscope Configure TV Trigger.vi - Help - rsscope Add Diagram.vi - Range tables - rsscope Show Waveform In Diagram.vi - Sources updated - rsscope Add Waveform To Diagram.vi - Sources updated - rsscope Remove Waveform From Diagram.vi - Sources updated - rsscope Add Label.vi - Sources updated - rsscope Remove Label.vi - Sources updated - rsscope Edit Label Text.vi - Sources updated - rsscope Query Label Text.vi - Source updated - rsscope Configure Label Position Mode.vi - Sources updated - rsscope Configure Label Absolute Position.vi - Sources updated - rsscope Configure Label Relative Position.vi - Sources updated - rsscope Configure XY Diagram.vi - Range tables - rsscope Configure Measurement Source.vi - New sources added - rsscope Configure Meas Source.vi - New sources added - rsscope Configure Measurement Display Intermediate Results.vi - Help - rsscope Configure Eye Jitter Main Measurement.vi - Default - rsscope Configure Spectrum Settings.vi - Noise reject now reserved

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Create New Histogram.vi - Range table - rsscope Configure Histogram Source.vi - Range table, defaults - rsscope Configure Mask Test Source.vi - Default, new sources added - rsscope Configure Search Source.vi - Range table - rsscope Configure Edge Trigger Search.vi - Range table, help - rsscope Configure Glitch Trigger Search.vi - Range table, help, many bugs fixed - rsscope Configure Width Trigger Search.vi - Range table, help - rsscope Configure Runt Trigger Search.vi - Range table, help - rsscope Configure Runt Trigger Search Range.vi - Range table, help - rsscope Configure Window Trigger Search.vi - Range table, help - rsscope Configure Window Trigger Search Range.vi - Help - rsscope Configure Timeout Trigger Search.vi - Range table, help - rsscope Configure Interval Trigger Search.vi - Range table, help - rsscope Configure Slew Rate Trigger Search.vi - Range table, help - rsscope Configure Slew Rate Trigger Search Range.vi - Range table, help - rsscope Configure Data2Clock Trigger Search.vi - Range table, help, bug fixed - rsscope Configure State Trigger Search.vi - Range table, help - rsscope Configure Pattern Trigger Search.vi - Help - rsscope Query Trigger Search Condition.vi - Help - rsscope Configure Search Noise Reject.vi - Help, sources, ranges - rsscope Configure I2C Source.vi - Range table - rsscope Configure SPI Source.vi - Range table - rsscope Configure SPI Trigger Data Position.vi - Conditions updated, bug fixed - rsscope Configure UART Source.vi - Range table - rsscope Configure UART Threshold.vi - Preset default - rsscope Configure LIN Source.vi - Range table - rsscope Configure LIN Threshold.vi - Bug fixed; V9 and V1_5 now correct - rsscope Configure CAN Source.vi - Range table - rsscope Configure FlexRay Source.vi - Defaults, help, range table - rsscope Configure Audio Clock Line.vi - Range table - rsscope Configure Audio WS Line.vi - Range table - rsscope Configure Audio Data Line.vi - Range table - rsscope Configure MIL1553 Source.vi - Range table - rsscope Configure ARINC 429 Source.vi - Range table - rsscope Configure RFFE Source.vi - Range table - rsscope Configure RFFE Trigger Type.vi - Range table, help - rsscope Query RFFE Sequence Status.vi - Status, type results - rsscope Configure RFFE Search Type.vi - Range table - rsscope Configure MDIO Source.vi - Range table - rsscope Configure Ethernet Source.vi - Help, range table - rsscope Configure Ethernet Trigger.vi - Trigger types updated

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Query Ethernet Word Status.vi - Status results - rsscope Query Ethernet Search Word Status.vi - Status results - rsscope Configure USB Source.vi - Sources updated - rsscope Configure USB PD Data Source.vi - Range table - rsscope Configure Manchester Settings.vi - Range table - rsscope Configure NRZ Enable.vi - Range table - rsscope Configure NRZ Source.vi - Help, range table - rsscope Configure NRZ Clock Phase.vi - Range table - rsscope Configure EBTB Source.vi - Help, range table - rsscope Configure SENT Data Source.vi - Range table - rsscope Configure DPHY Source.vi - Range table - rsscope Configure DPHY Trigger Data.vi - Conditions updated - rsscope Configure MPHY Data Source.vi - Help, range table - rsscope Configure Space Wire Source.vi - Range table - rsscope Configure PCIe Lane.vi - Help, range table - rsscope Configure CXPI.vi - Range table - rsscope Configure DDR.vi - Range table - rsscope Configure DDR Eye Diagram Source.vi - Source updated - rsscope Configure DDR Eye Diagram Timing Reference.vi - Sources updated - rsscope Configure DDR Eye Diagram Signal.vi - Sources updated - rsscope Configure 100BASE T1 Source.vi - Range table - rsscope Configure USB31.vi - Source updated - rsscope Set Attribute Vilnt32.vi - Channel Name now Repeated Capability - rsscope Set Attribute Vilnt64.vi - Channel Name now Repeated Capability - rsscope Set Attribute ViReal64.vi - Channel Name now Repeated Capability - rsscope Set Attribute ViString.vi - Channel Name now Repeated Capability - rsscope Set Attribute ViBoolean.vi - Channel Name now Repeated Capability - rsscope Set Attribute ViSession.vi - Channel Name now Repeated Capability - rsscope Get Attribute Vilnt32.vi - Channel Name now Repeated Capability - rsscope Get Attribute Vilnt64.vi - Channel Name now Repeated Capability - rsscope Get Attribute ViReal64.vi - Channel Name now Repeated Capability - rsscope Get Attribute ViString.vi - Channel Name now Repeated Capability - rsscope Get Attribute ViBoolean.vi - Channel Name now Repeated Capability - rsscope Get Attribute ViSession.vi - Channel Name now Repeated Capability - rsscope Check Attribute Vilnt32.vi - Channel Name now Repeated Capability - rsscope Check Attribute ViReal64.vi - Channel Name now Repeated Capability - rsscope Check Attribute ViString.vi - Channel Name now Repeated Capability - rsscope Check Attribute ViBoolean.vi - Channel Name now Repeated Capability - rsscope Check Attribute ViSession.vi - Channel Name now Repeated Capability - rsscope Configure Math Enabled.vi - Math repcap updated - rsscope Configure Math Setup.vi - Math repcap updated

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure Math Envelope Waveform Selection.vi - Math repcap updated - rsscope Configure Math Vertical Range.vi - Math repcap updated - rsscope Configure Math Vertical Scale.vi - Math repcap updated - rsscope Configure Math Vertical Offset.vi - Math repcap updated - rsscope Configure FFT Frequency Axis.vi - Math repcap updated - rsscope Configure FFT Frequency Center Span.vi - Math repcap updated - rsscope Configure FFT Frequency Span Full.vi - Math repcap updated - rsscope Configure FFT Frequency Start Stop.vi - Math repcap updated - rsscope Configure FFT Resolution Bandwidth.vi - Bandwidth range, math repcap updated - rsscope Query FFT Adjusted Resolution Bandwidth.vi - Math repcap updated - rsscope Configure FFT Window Type.vi - Math repcap updated - rsscope Configure FFT Frame Setup.vi - Math repcap updated - rsscope Query FFT Frame Coverage.vi - Math repcap updated - rsscope Configure FFT Use Color Table.vi - Math repcap updated - rsscope Configure FFT Magnitude.vi - Level range, math repcap updated - rsscope Configure FFT Phase.vi - Math repcap updated - rsscope Configure FFT Gate State.vi - Math repcap updated - rsscope Configure FFT Gate Show.vi - Math repcap updated - rsscope Configure FFT Gate Definition Zoom.vi - Math repcap updated - rsscope Configure FFT Gate Definition Start Stop.vi - Math repcap updated - rsscope Configure FFT Gate Record Length RBW Coupling.vi - Math repcap updated - rsscope Configure FFT Coupled Spectrum.vi - Math repcaps updated - rsscope Configure FFT Spectrum Enabled.vi - Math repcap updated - rsscope Configure FFT Spectrum Color Table Mode.vi - Math repcap updated - rsscope Configure FFT Spectrum Time Line.vi - Math, timeline repcaps updated - rsscope Configure Reference Waveform Source.vi - Sources updated, bug fixed - rsscope Read Math Waveform.vi - Math repcap updated - rsscope Fetch Math Waveform.vi - Math repcap updated - rsscope Fetch Math Waveform Header.vi - Math repcap updated - rsscope Configure MSO Edge Trigger Source.vi - Help - rsscope Configure MSO Width Trigger Source.vi - Help - rsscope Configure MSO Timeout Trigger Source.vi - Help - rsscope Configure MSO Data2Clock Trigger Source.vi - Help - rsscope Configure MSO State Trigger Source.vi - Help - rsscope Configure MSO Pattern Trigger Source.vi - Help - rsscope Configure MSO Serial Pattern Trigger Source.vi - Help - rsscope Configure Spectrum Analysis Spectrogram Enabled.vi - Math repcap updated - rsscope Configure Spectrum Analysis X Scaling.vi - Math repcap updated - rsscope Configure Spectrum Analysis Coupled Spectrum.vi - Math repcap updated - rsscope Query Spectrum Analysis Data Signal Type.vi - Math repcap updated - rsscope Configure Spectrum Analysis Color Table.vi - Math repcap updated

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure Spectrum Analysis Timeline.vi - Math repcap updated - rsscope Configure Waveform Export Source.vi - Range table * Deprecated: - rsscope Configure User Reference Level.vi - rsscope Configure User Middle Reference Level.vi - rsscope Configure Reference User Signal Level.vi - rsscope Configure Reference Level Tube Relative.vi - rsscope Configure Reference Level Tube.vi - rsscope Configure Reference Level Relative User Levels.vi - rsscope Configure Reference Level Relative Levels.vi - rsscope Configure Reference Level Hysteresis.vi - rsscope Configure Reference Level Auto Settings.vi - rsscope Configure Reference Level.vi - rsscope Configure Color Table Assignment.vi * Deleted: - rsscope Configure USB31 Trigger Type.vi - rsscope Configure USB31 Trigger Packet Type.vi - rsscope Configure USB31 Trigger Bit State.vi - rsscope Configure USB31 Trigger Data.vi - rsscope Configure USB31 Trigger Index.vi - rsscope Configure USB31 Search Type.vi - rsscope Configure USB31 Search Packet Type.vi - rsscope Configure USB31 Search Data.vi - rsscope Configure USB31 Search Index.vi - rsscope Configure USB31 Search Bit State.vi - rsscope Configure SENT Search Type.vi
4.60.0	12/2019	<ul style="list-style-type: none"> * Support for RTO, RTP & RTE version 4.60 * Core update to 6.52.0 * New: - rsscope Configure Couple Vertical Channel Settings Enabled.vi - rsscope Query Vertical Channel Settings Coupled.vi - rsscope Configure Probe Predefined Tektronics Probe.vi - rsscope Query Probe Adapter Type.vi - rsscope Query Probe Converter Type.vi - rsscope Configure Probe RT-Z1M Bandwidth Limit.vi - rsscope Probe RT-Z1M Self Align.vi - rsscope Configure Probe Deembedding Custom Tip File.vi - rsscope Configure Probe Deembedding Input Mode.vi - rsscope Configure ZVC Resolution Coupled.vi

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Fetch ZVC Waveform Header.vi - rsscope Fetch ZVC Waveform.vi - rsscope Query Calibration Result.vi - rsscope Configure Serial Pattern Trigger Type.vi - rsscope Configure Serial Pattern Single Bit Pattern.vi - rsscope Configure Serial Pattern Dual Bit Pattern.vi - rsscope Configure Serial Pattern Complex Word Alignment.vi - rsscope Configure Serial Pattern Complex Word Condition.vi - rsscope Configure Serial Pattern PRBS Error.vi - rsscope Configure Serial Pattern EbTb.vi - rsscope Query Serial Pattern EbTb Row Count.vi - rsscope Serial Pattern EbTb Append Symbol.vi - rsscope Serial Pattern EbTb Modify Symbol.vi - rsscope Query Serial Pattern EbTb Running Disparity.vi - rsscope Serial Pattern EbTb Clear Table.vi - rsscope Configure Serial Pattern EbTb Frame ID.vi - rsscope Configure Serial Pattern I32B.vi - rsscope Configure Noise Reject Hysteresis Scale.vi - rsscope Configure Trigger Sequence Mode.vi - rsscope Configure Display Clear Results.vi - rsscope Rename Diagram.vi - rsscope Configure Cursor Second Source.vi - rsscope Configure Cursor Show In All Diagrams.vi - rsscope Configure Cursor Result Table Position.vi - rsscope Configure Spectrum Result Mode.vi - rsscope Configure Frame To Frame.vi - rsscope Configure Trigger To Frame.vi - rsscope Configure Field Value Measurement.vi - rsscope Convert Mask Test To User.vi - rsscope Configure Mask Violation Highlighting.vi - rsscope Configure Mask Test Mask Colors.vi - rsscope Configure Protocol Result Table Zoom Coupling Enabled.vi - rsscope Configure Protocol Result Table Position.vi - rsscope Autoset Protocol Threshold And Bitrate.vi - rsscope Query I2C Frame Bit Rate.vi - rsscope Query SPI Frame Bit Rate.vi - rsscope Query SPI Frame Result Count.vi - rsscope Query UART Primary Bit Rate.vi - rsscope Query LIN Frame Bit Rate.vi - rsscope Query LIN Frame All Symbolic Data.vi - rsscope Export LIN Frame All Symbolic Data To File.vi

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Driver history for LabVIEW		
Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Query CAN Frame Bit Rate.vi - rsscope Export CAN Frame All Symbolic Data To File.vi - rsscope Query Ethernet Word Bit Rate.vi - rsscope Export SENT Frame All Symbolic Data To File.vi - rsscope Configure PCIe Filter Idle.vi - rsscope Configure DDR Eye Diagram Bit Rate.vi - rsscope Configure DDR Eye Diagram Filter Frame Type.vi - rsscope Configure DDR Eye Diagram Filter Length Errors.vi - rsscope Query 100BASE T1 Frame Bit Rate.vi - rsscope Reset Reference Waveform Vertical Settings.vi - rsscope Configure MSO Digital Channel Coupling.vi - rsscope Configure MSO Decode Table Show.vi - rsscope Query MSO Decode Table.vi - rsscope Configure Pulse Source Setup.vi - rsscope Reset Pulse Source.vi - rsscope Configure TDR TDT Measurement.vi - rsscope Configure TDR TDT Single Ended Channels.vi - rsscope Configure TDR TDT Differential Channels.vi - rsscope Measure TDR TDT With Default Values.vi - rsscope Configure TDR TDT Calibration Load.vi - rsscope Configure TDR TDT Calibration Save.vi - rsscope Configure TDR TDT Pulse Reference Channel.vi - rsscope Configure TDR TDT Short Length.vi - rsscope Configure TDR TDT Use Calibration.vi - rsscope Configure TDR TDT Measurement Parameters.vi - rsscope Configure TDR TDT Signal.vi - rsscope Fetch TDR TDT Signal Waveform Header.vi - rsscope Fetch TDR TDT Signal Complete Waveform.vi - rsscope Fetch TDR TDT Signal Partial Waveform.vi - rsscope Configure CDR Software Serial Standard.vi - rsscope Configure CDR Software Bit Rate Correction.vi - rsscope CDR Software Estimate Bit Rate Once.vi - rsscope Configure CDR Hardware Serial Standard.vi - rsscope CDR Hardware Estimate Bit Rate Once.vi - rsscope Fetch All System Errors.vi - rsscope Query Device Serial Number.vi - rsscope Set System Date.vi - rsscope Query System Date.vi - rsscope Query System Time.vi - rsscope Save Instrument Settings.vi - rsscope Recall Instrument Settings.vi

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Revision	Date	Note
		<ul style="list-style-type: none"> * Updated: - All DDR3 and DDRThree classes, methods, attributes, and commands now DDR - Changing repeated capability Measurement - identifiers from M1..M10 to Meas1..Meas10 - rsscope Configure Glitch Trigger Source.vi - Repcaps updated - rsscope Configure Width Trigger Source.vi - Repcaps updated - rsscope Configure Timeout Trigger Source.vi - Repcaps updated - rsscope Configure Data2Clock Trigger Source.vi - Repcaps updated - rsscope Configure Serial Pattern Trigger Source.vi - Repcaps updated - rsscope Configure TV Trigger.vi - Repcaps updated - rsscope Configure Serial Bus Trigger Source.vi - I2S protocol added - rsscope Configure Channel Digital Filter Trigger.vi - Repcaps updated - rsscope Configure Probe Deembedding Select Tip Module.vi - Tip modules updated - rsscope Configure Trigger Coupling.vi - Source coupling now only applied to Trigger A - rsscope Configure Trigger Channel Level.vi - RepCap updated - rsscope Configure Runt Trigger Source.vi - Repcaps updated - rsscope Configure Window Trigger Source.vi - Repcaps updated - rsscope Configure Slew Rate Trigger Source.vi - Repcaps updated - rsscope Configure Noise Reject.vi - Repcaps updated - rsscope Configure Noise Reject Hysteresis Range In Divisions.vi - Repcaps updated - rsscope Configure Trigger Qualification.vi - Attributes and repcaps updated - rsscope Query History Time Stamp.vi - Attributes and repcaps updated - rsscope Configure Measurement Source.vi - Attributes and range tables updated - rsscope Configure MPHY Trigger Index.vi - Ranges updated - rsscope Configure DDR.vi - rsscope Query DDR Frame Count.vi - rsscope Query DDR Frame Status.vi - rsscope Query DDR Frame Number Of Words.vi - rsscope Query DDR Frame Field Status.vi - rsscope Configure DDR Eye Diagram Display.vi - rsscope Configure DDR Eye Diagram Enabled.vi - rsscope Configure DDR Eye Diagram Source.vi - rsscope Configure DDR Eye Diagram Timing Reference.vi - rsscope Configure DDR Eye Diagram Horizontal Settings.vi - rsscope Configure DDR Eye Diagram Gate.vi - rsscope Configure DDR Eye Diagram Signal.vi - rsscope Configure DDR Eye Diagram Filter Enabled.vi - rsscope Configure DDR Eye Diagram Filter Reset.vi - rsscope Configure DDR Eye Diagram Filter Bit Sequence Mode.vi - rsscope Configure DDR Eye Diagram Filter Pattern Prefix Bit.vi - rsscope Configure DDR Eye Diagram Filter Pattern Center Bit.vi

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		<ul style="list-style-type: none"> - rsscope Configure DDR Eye Diagram Filter Pattern Suffix Bit.vi - rsscope Configure DDR Eye Diagram Filter Pattern Shift Bit.vi - rsscope Configure DDR Search Error Type Name Enabled.vi - rsscope Configure DDR Search Error Type Numeric Enabled.vi - rsscope Configure DDR Search Frame Type Name Enabled.vi - rsscope Configure DDR Search Frame Type Numeric Enabled.vi - rsscope Configure DDR Search Frame Field Name Enabled.vi - rsscope Configure DDR Search Frame Field Numeric Enabled.vi - rsscope Configure DDR Search Frame Field Name Data.vi - rsscope Configure DDR Search Frame Field Name Index.vi - rsscope Configure DDR Search Frame Field Numeric Data.vi - rsscope Configure DDR Search Frame Field Numeric Index.vi - rsscope Query DDR Search Frame Count.vi - rsscope Query DDR Search Frame Status.vi - rsscope Query DDR Search Frame Number Of Words.vi - rsscope Query DDR Search Frame Field Status.vi - rsscope Configure IQ Sampling Real Input.vi - Range updated * Deleted: - rsscope Fast Sweep Mode.vi - All obsolete attributes have been deleted. - Attributes using obsolete and non-compliant repcaps have been removed and replaced where they couldn't be updated.
4.15.0	01/2019	<ul style="list-style-type: none"> * Support for RTP, RTO and RTE version 4.15 * New Subsystems - Deembedding - DDR3 Protocol - 100BASE-T1 Protocol - Ethernet Trigger - Search >> Custom Manchester NRZ - Search >> MPHY >> SSIC - Trigger >> MPHY >> SSIC - Custom Manchester NRZ Filter - External Application - Quick Action - System >> Remote Trace * New: - rsscope Configure Zone Trigger In History Replay State.vi - rsscope Configure Calibration Source State.vi - rsscope Configure Channel Antialiasing.vi

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Query Cursor Horizontal Delta Slope.vi - rsscope Configure Measurement Display Result Table Position.vi - rsscope Configure Measurement Display Group Result Dialogs.vi - rsscope Configure Gate Coupling.vi - rsscope Configure Gate Zoom Diagram.vi - rsscope Configure Remote Trace File.vi - rsscope Configure Remote Trace File Content.vi - rsscope Configure Remote Trace Diagnostic.vi - rsscope Configure Remote Trace State.vi - rsscope Configure Remote Trace Start Mode.vi - rsscope Configure Remote Trace Stop Mode.vi - rsscope Hardcopy Print Next.vi - rsscope Configure Mask Test Name State.vi - rsscope Rename Mask Test.vi - rsscope Configure MPHY Trigger PRP Width.vi - rsscope Configure MSO Bus Signal Selection.vi - rsscope Configure Noise Reject Hysteresis Range In Divisions.vi - rsscope Configure Probe Deembedding Select Tip Module.vi - rsscope Configure Probe Deembedding Mode.vi - rsscope Configure Probe Deembedding Source Impedance.vi - rsscope Configure Probe RT-ZHD.vi - rsscope Configure Probe Skew Offset.vi - rsscope Configure Skew Extended Range.vi - rsscope Configure CXPI Spacing.vi - rsscope Configure DPHY Physical Configuration.vi - rsscope Manchester NRZ Export Frames As Raw Bits.vi - rsscope Configure MPHY Scrambled Mode.vi - rsscope Query SPI Frame Formatted Value.vi - rsscope Configure USB31 Protocol Type.vi - rsscope Configure EBTB Estimated Bitrate.vi - rsscope Query Reference Waveform Signal Type.vi - rsscope One File Operations.vi - rsscope Configure Spectrum Max Number Of Results.vi - rsscope Configure Line Trigger Slope.vi - rsscope Configure Event Trigger Run External Application.vi - rsscope Configure Trigger Input Probe AC Coupling.vi - rsscope Trigger Input Probe Degauss.vi - rsscope Configure Trigger Input Probe Mode.vi - rsscope Configure Trigger Input Probe RT-ZHD.vi - rsscope rsscope_ChaneFileAttributes - rsscope Configure Manchester NRZ Trigger Error Name Enabled.vi

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure Manchester NRZ Trigger Error Numeric Enabled.vi - rsscope Configure Manchester NRZ Trigger Frame Type Name Enabled.vi - rsscope Configure Manchester NRZ Trigger Frame Type Numeric Enabled.vi - rsscope Configure Manchester NRZ Trigger Frame Field Name Enabled.vi - rsscope Configure Manchester NRZ Trigger Frame Field Numeric Enabled.vi - rsscope Configure Manchester NRZ Trigger Frame Field Name Bit State.vi - rsscope Configure Manchester NRZ Trigger Frame Field Numeric Bit State.vi - rsscope Configure Manchester NRZ Trigger Frame Field Name Data.vi - rsscope Configure Manchester NRZ Trigger Frame Field Numeric Data.vi - rsscope Configure Manchester NRZ Trigger Frame Field Name Index.vi - rsscope Configure Manchester NRZ Trigger Frame Field Numeric Index.vi - rsscope Query EBTB Symbol Parameters.vi - rsscope Query Manchester NRZ Result Cell Start Stop.vi - rsscope Query MPHY Frame Cell Status.vi - rsscope Query MPHY SSIC Frame Type.vi - rsscope Query RFFE Sequence Parity.vi - rsscope Query Space Wire Frame Field Status.vi - rsscope Query Space Wire Frame Field Data Bytes.vi - rsscope Query Space Wire Frame Field Formatted Value.vi - rsscope Query USB PD Frame Field Start Stop.vi - rsscope Query USB31 Frame Field Start Stop.vi - rsscope Configure Search Gate Definition Zoom Diagram.vi - rsscope Query MPHY Search Frame Cell Status.vi - rsscope Query USB PD Search Frame Field Start Stop.vi - rsscope Query USB31 Search Frame Field Start Stop.vi - rsscope Configure USB PD Search Error Type Name Enabled.vi - rsscope Configure USB PD Search Error Type Numeric Enabled.vi - rsscope Configure USB PD Search Frame Type Name Enabled.vi - rsscope Configure USB PD Search Frame Type Numeric Enabled.vi - rsscope Configure USB PD Search Frame Field Name Enabled.vi - rsscope Configure USB PD Search Frame Field Numeric Enabled.vi - rsscope Configure USB PD Search Frame Field Name Bit State.vi - rsscope Configure USB PD Search Frame Field Numeric Bit State.vi - rsscope Configure USB PD Search Frame Field Name Data.vi - rsscope Configure USB PD Search Frame Field Numeric Data.vi - rsscope Configure USB PD Search Frame Field Name Index.vi - rsscope Configure USB PD Search Frame Field Numeric Index.vi - rsscope Configure USB PD Trigger Error Type Name Enabled.vi - rsscope Configure USB PD Trigger Error Type Numeric Enabled.vi - rsscope Configure USB PD Trigger Frame Type Name Enabled.vi - rsscope Configure USB PD Trigger Frame Type Numeric Enabled.vi

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Driver history for LabVIEW		
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		<ul style="list-style-type: none"> - rsscope Configure USB PD Trigger Frame Field Name Enabled.vi - rsscope Configure USB PD Trigger Frame Field Numeric Enabled.vi - rsscope Configure USB PD Trigger Frame Field Name Bit State.vi - rsscope Configure USB PD Trigger Frame Field Numeric Bit State.vi - rsscope Configure USB PD Trigger Frame Field Name Data.vi - rsscope Configure USB PD Trigger Frame Field Numeric Data.vi - rsscope Configure USB PD Trigger Frame Field Name Index.vi - rsscope Configure USB PD Trigger Frame Field Numeric Index.vi - rsscope Configure USB31 Search Error Type Name Enabled.vi - rsscope Configure USB31 Search Error Type Numeric Enabled.vi - rsscope Configure USB31 Search Frame Type Name Enabled.vi - rsscope Configure USB31 Search Frame Type Numeric Enabled.vi - rsscope Configure USB31 Search Frame Field Name Enabled.vi - rsscope Configure USB31 Search Frame Field Numeric Enabled.vi - rsscope Configure USB31 Search Frame Field Name Bit State.vi - rsscope Configure USB31 Search Frame Field Numeric Bit State.vi - rsscope Configure USB31 Search Frame Field Name Data.vi - rsscope Configure USB31 Search Frame Field Numeric Data.vi - rsscope Configure USB31 Search Frame Field Name Index.vi - rsscope Configure USB31 Search Frame Field Numeric Index.vi - rsscope Configure USB31 Trigger Error Type Name Enabled.vi - rsscope Configure USB31 Trigger Error Type Numeric Enabled.vi - rsscope Configure USB31 Trigger Frame Type Name Enabled.vi - rsscope Configure USB31 Trigger Frame Type Numeric Enabled.vi - rsscope Configure USB31 Trigger Frame Field Name Enabled.vi - rsscope Configure USB31 Trigger Frame Field Numeric Enabled.vi - rsscope Configure USB31 Trigger Frame Field Name Bit State.vi - rsscope Configure USB31 Trigger Frame Field Numeric Bit State.vi - rsscope Configure USB31 Trigger Frame Field Name Data.vi - rsscope Configure USB31 Trigger Frame Field Numeric Data.vi - rsscope Configure USB31 Trigger Frame Field Name Index.vi - rsscope Configure USB31 Trigger Frame Field Numeric Index.vi - rsscope Configure Ethernet Trigger.vi - rsscope Numeric Results Select Item.vi - rsscope Configure Numeric Results Parameters.vi - rsscope Save Numeric Results Boxes.vi - rsscope Configure External Application.vi - rsscope Configure Quick Action.vi - rsscope Execute Quick Action.vi <p>* Modified:</p>

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		<ul style="list-style-type: none"> - rsscope Configure CAN Threshold.vi - range updated at 'Manual Threshold' parameter - rsscope Configure I2C Threshold.vi - range updated at 'SCL Threshold' and 'SDA Threshold' parameters - rsscope Configure LIN Threshold.vi - range updated at 'Manual Threshold' parameter - rsscope Configure LIN Trigger CRC Error Pattern.vi - range updated at 'Data Length' parameter - rsscope Configure Manchester NRZ Cell.vi - range updated at 'Bit Count' parameter - rsscope Configure Space Wire Threshold.vi - range updated at 'Hysteresis' parameter - rsscope Configure SPI Threshold.vi - range updated at 'Clock Threshold', 'SS Threshold', 'MISO Threshold' and 'MOSI Threshold' parameters - rsscope Configure UART Threshold.vi - range updated at 'Rx Threshold' and 'Tx Threshold' parameters - rsscope Configure USB Threshold.vi - range updated at 'Threshold' parameter - rsscope Configure LIN Search CRC Error Pattern.vi - range updated at 'Data Length' parameter - rsscope Configure Reset Statistics Settings.vi - range updated at 'Reset Count' parameter - rsscope Configure Reference Level Relative User Levels.vi - range updated at 'Upper Level', 'Middle Level' and 'Lower Level' parameters - rsscope Configure Amplitude Time Slope.vi - parameter 'Slope' updated - rsscope Configure Manchester NRZ Trigger Type.vi - parameter 'Type' updated - rsscope Configure Trigger Input Probe Attenuator RT-ZA15.vi - SCPI command updated - rsscope Configure TV Trigger.vi - 'Line Field' SCPI command updated - rsscope Set Status Register.vi - added 'PPL', 'ZVC Overload' and 'Deembedding' - rsscope Get Status Register.vi - added 'PPL', 'ZVC Overload' and 'Deembedding' - rsscope Configure Mask Test Manager Operations.vi - added 'Clear All' to 'Operation' parameter - rsscope Configure Mask Test Actions On Event.vi - added 'Save Report', 'Start External Application' and 'Create Trigger Out Pulse' to 'Event' parameter - rsscope Configure Measurement Event Actions.vi - added 'Save Report' and 'Run External Application' to 'Event' parameter - rsscope Configure Spectrum Limit Check.vi - 'Measurement Type' redefinition of constants to match the repeated capability - rsscope Configure Spectrum Limit Check Limits.vi - 'Measurement Type' redefinition of constants to match the repeated capability - rsscope Configure Spectrum Limit Check Margins.vi - 'Measurement Type' redefinition of constants to match the repeated capability - rsscope Configure Spectrum Main Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Configure Spectrum Additional Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Read Spectrum Waveform Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Fetch Spectrum Waveform Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Read Start Stop Spectrum Waveform Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Fetch Start Stop Spectrum Waveform Measurement.vi - added 'THD Fundamental Frequency' to 'Measurement Function' parameter - rsscope Configure Serial Bus Trigger Source.vi - added DDR3 and Ethernet 100BASE-T1 to protocol parameter

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Driver history for LabVIEW		
Revision	Date	Note
3.65.3	06/2018	Fixed driver settings in rsscope Initialize with Options.vi
3.65.2	06/2018	Added RTP support
3.65.1	12/2017	<ul style="list-style-type: none"> * Modified: <ul style="list-style-type: none"> - RSSCOPE_ATTR_HARDCOPY_DEVICE_DESTINATION - fixed bug when writing command parameters without apostrophes
3.65.0	11/2017	<ul style="list-style-type: none"> Support for RTO & RTE version 3.65 <ul style="list-style-type: none"> * New Subsystems - ZVC Probe - EbTb Trigger * Modified: <ul style="list-style-type: none"> - Source parameters - Initialize.vi, Initialize with Options.vi, Close.vi and Utility VIs have new VI icons
3.50.0	08/2017	<ul style="list-style-type: none"> * Support for RTO & RTE version 3.50 * New Subsystems - Termination Voltage - Spectrum >> Result Labels - USB 31 Generation 1 - USB PD - PCIe - CXPI - FFT Coupling - FFT Spectrum Analysis - Generator * New: <ul style="list-style-type: none"> - rsscope Configure Acquisition Sample Rate.vi - rsscope Configure Probe DM Offset.vi - rsscope Configure Probe Negative Offset.vi - rsscope Configure Probe Positiv eOffset.vi - rsscope Configure Probe Mode.vi - rsscope Configure Meas Source.vi - rsscope Configure Show Threshold Lines.vi - rsscope Configure Show Details.vi - rsscope Configure CAN FD Standard.vi - rsscope Configure CAN FD Jump Width.vi - rsscope Configure CAN FD Sample Point Absolute.vi - rsscope Configure CAN FD Sample Point Relative.vi - rsscope Query CAN Trigger Number Of Data Bytes.vi - rsscope Configure CAN Trigger Stuff Count Error.vi

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Query CAN Frame Number Of Bytes.vi - rsscope Query CAN Frame Form Error Cause.vi - rsscope Query CAN Frame FD Stuff Count.vi - rsscope Configure CAN Search Stuff Count Error.vi - rsscope Query CAN FD Search Frame Standard.vi - rsscope Query CAN Search Frame Number Of Bytes.vi - rsscope Query CAN Search Frame Form Error Cause.vi - rsscope Query CAN FD Search Frame Stuff Count.vi - rsscope Query Ethernet Word Frame Type.vi - rsscope Query Ethernet Word Number Of Words.vi - rsscope Query Ethernet Search Word Frame Type.vi - rsscope Configure Manchester NRZ Cell Color CRGB.vi - rsscope Query DPHY Frame Number Of Packets.vi - rsscope Configure FFT Frequency Axis.vi - rsscope Configure FFT Use Color Table.vi * Modified: - rsscope Configure Waveform Acquisition Couple Channels Enabled.vi - command changed - rsscope Configure Probe Micro Button Action.vi - probe setup added - rsscope Configure Current Probe Predefined.vi - new probes - rsscope Configure Trigger Input Probe Micro Button Action.vi - probe setup added - rsscope Configure Current Trigger Input Probe Predefined.vi - new probes - rsscope Configure High Definition.vi - range changed - rsscope Configure Serial Bus Trigger Source.vi - new protocols - rsscope Configure XY Diagram.vi - new XY sources - rsscope Configure Measurement Source.vi - function is obsolete - rsscope Configure Measurement Event Actions.vi - new event Trigger Out Pulse - rsscope Configure Cursor.vi - range table corrected for data source - rsscope Configure Amplitude Time Main Measurement.vi - new measurements - rsscope Configure Amplitude Time Additional Measurement.vi - new measurements - rsscope Configure Spectrum Main Measurement.vi - new functions - rsscope Configure Spectrum Additional Measurement.vi - new functions - rsscope Configure Long Term Vertical Scaling.vi - scale range added - rsscope Configure CAN Trigger FD Bits.vi - DC for BRS added - rsscope Query CAN Frame Status.vi - new statuses - rsscope Query CAN Frame ID.vi - new status code - rsscope Query CAN Frame Field.vi - new field status - rsscope Query CAN Frame Data.vi - new status code - rsscope Configure CAN Search State.vi - command corrected - rsscope Configure MDIO Threshold.vi - threshold range added - rsscope Query MDIO Word Status.vi - new Status

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Revision	Date	Note
		<ul style="list-style-type: none"> - rsscope Configure Manchester NRZ Bitrate.vi - bitrate range added - rsscope Configure NRZ Enable.vi - new sources - rsscope Query Manchester NRZ Result Status.vi - new statuses - rsscope Query Manchester NRZ Result Cell Status.vi - new statuses - rsscope Configure Math Setup.vi - new calculation methods - rsscope Configure FFT Frame Setup.vi - new calculation methods - rsscope Configure Reference Waveform Vertical Scaling.vi - vertical position range added - rsscope Read Main Waveform Measurement.vi - reliability statistic type - rsscope Read Amplitude Time Waveform Measurement.vi - reliability statistic type + slew rate function - rsscope Read Start Stop Amplitude Time Waveform Measurement.vi - slew rate function - rsscope Read Eye Jitter Waveform Measurement.vi - reliability statistic type - rsscope Read Histogram Waveform Measurement.vi - reliability statistic type - rsscope Read Spectrum Waveform Measurement.vi - reliability statistic type + new functions - rsscope Read Start Stop Spectrum Waveform Measurement.vi - reliability statistic type + new function - rsscope Read Jitter Waveform Measurement.vi - reliability statistic type - rsscope Fetch Main Waveform Measurement.vi - reliability statistic type - rsscope Fetch Amplitude Time Waveform Measurement.vi - reliability statistic type + slew rate function - rsscope Fetch Start Stop Amplitude Time Waveform Measurement.vi - slew rate function - rsscope Fetch Eye Jitter Waveform Measurement.vi - reliability statistic type - rsscope Fetch Histogram Waveform Measurement.vi - reliability statistic type - rsscope Fetch Spectrum Waveform Measurement.vi - reliability statistic type + new functions - rsscope Fetch Start Stop Spectrum Waveform Measurement.vi - reliability statistic type + new function - rsscope Fetch Jitter Wave form Measurement.vi - reliability statistic type - rsscope Set Status Register - Lamplitude - rsscope Get Status Register - Lamplitude - rsscope Query IQ Data Header.vi - control name changed - rsscope Configure Cursor.vi - fixed enum range - rsscope Generator Start Alignment With OPC.vi - connector fixed - rsscope Configure SENT Data Source.vi - fixed enum control - rsscope Waveform Generator Arbitrary Open File.vi - fixed - rsscope Waveform Generator Arbitrary Multichannel Open File.vi - fixed
3.35.0	12/2015	<p>Support for RTO & RTE version 3.35</p> <ul style="list-style-type: none"> * New driver core New Subsystems - M-PHY - SPI Search - Spectrum Analysis * New: - rsscope Configure Waveform Acquisition Couple Channels Enabled.vi - rsscope Configure Multiwaveform Acquisition Enabled.vi

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		<ul style="list-style-type: none"> - rsscope Configure Channel Invert.vi - rsscope Configure Zone Logical Expression.vi - rsscope Configure Display Gate Transparency.vi - rsscope Configure Spectrum Absolute Threshold.vi - rsscope Configure RFFE Search Interrupt.vi - rsscope Configure MDIO Max Gap Time.vi - rsscope Configure NRZ Enable.vi - rsscope Configure NRZ ENA Polarity.vi - rsscope Configure NRZ Threshold Value.vi - rsscope Configure Space Wire Min Gap.vi - rsscope Configure Reference Multiwaveform Name.vi - rsscope Configure Reference Multiwaveform Import.vi - rsscope Open Reference Multiwaveform.vi - rsscope Is Triggered.vi - rsscope Wait For Trigger.vi - rsscope Scope Model.vi - rsscope Scope Series.vi - rsscope Scope Family.vi - rsscope Set Fast Sweep Mode.vi - rsscope Configure Error Checking.vi * Modified: - rsscope Configure Time Base.vi - Reference range changed - rsscope Configure Probe Micro Button Action added values.vi - new values - rsscope Configure Trigger Input Probe Micro Button Action.vi - new values - rsscope Configure Serial Bus Trigger Source.vi - new values - rsscope Configure Trigger Qualification Multichannel Logic.vi - fixed function name - rsscope Remove Waveform From Diagram.vi - removed values - rsscope Configure Measurement Source.vi - changed sources - rsscope Configure Cursor.vi - new sources - rsscope Configure State Trigger Search Qualification Multichannel Logic.vi - fixed function name - rsscope Configure Pattern Trigger Search Qualification Multichannel Logic.vi - fixed function name - rsscope Configure I2C Source.vi - removed sources - rsscope Configure SPI Source.vi - removed sources - rsscope Configure SPI Trigger Data Position.vi - index max default - rsscope Configure UART Source.vi - removed sources - rsscope Configure CAN Source.vi - removed sources - rsscope Configure FlexRay Source.vi - removed sources - rsscope Configure Audio Clock Line source.vi - removed sources - rsscope Configure Audio WS Line source.vi - removed sources - rsscope Configure Audio Data Line source.vi - removed sources

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		<ul style="list-style-type: none"> - rsscope Configure MIL1553 Source.vi - removed sources - rsscope Configure ARINC 429 Source.vi - removed sources - rsscope Configure RFFE Glitch Filter.vi - changed width - rsscope Configure RFFE Timing.vi - changed min gap range - rsscope Query RFFE Sequence Status.vi - new types - rsscope Configure USB Source.vi - default value - rsscope Configure NRZ Source.vi - added sources - rsscope Configure EBTB Source.vi - added sources - rsscope Configure DPHY Source.vi - removed sources - rsscope Configure Space Wire Source.vi - command changed - rsscope Configure Math Vertical Range.vi - changed range - rsscope Configure Math Vertical Scale.vi - changed range - rsscope Configure Math Vertical Offset.vi - changed range - rsscope Configure FFT Magnitude.vi - changed reference level - rsscope Configure Reference Waveform Source.vi - quick source removed - rsscope Read Signals.vi - *CLS replaced with function Rs_ClearBeforeRead - rsscope Configure CDR Hardware.vi - changed sources - rsscope Set Status Register.vi - frequency added - rsscope Get Status Register.vi - frequency added - rsscope Configure Waveform Export Sources.vi - new sources - rsscope Configure Space Wire Source.vi - command changed - rsscope Configure Space Wire Threshold Preset.vi - command changed, values 0.1 V, 0.3 V, 2 V replaced with new values - rsscope Configure Space Wire Threshold Coupling.vi - command changed - rsscope Configure Space Wire Threshold.vi - command changed - rsscope Configure Edge Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Runt Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Glitch Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Width Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Window Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Timeout Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Interval Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Slew Rate Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Data2Clock Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure Serial Pattern Trigger Source.vi - items added to Trigger Source parameter - rsscope Configure NFC Trigger.vi - items added to Trigger Source parameter - rsscope Configure TV Trigger.vi - items added to Trigger Source parameter <p>* New attributes:</p> <ul style="list-style-type: none"> - Channel Invert (RSSCOPE_ATTR_CHANNEL_INVERT) - Waveform Acquisition Couple Channels Enabled (RSSCOPE_ATTR_WAVEFORM_ACQUISITION_COUPLE_CHANNELS_ENABLED)

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		<ul style="list-style-type: none"> - Multiwaveform Acquisition Enabled (RSSCOPE_ATTR_MULTIWAVEFORM_ACQUISITION_ENABLED) - MPHY Trigger Type (RSSCOPE_ATTR_MP PHY_TRIGGER_TYPE) - MPHY Trigger LCC Type (RSSCOPE_ATTR_MP PHY_TRIGGER_LCC_TYPE) - MPHY Trigger Word One Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_ONE_CONDITION) - MPHY Trigger Word One Min (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_ONE_MIN) - MPHY Trigger Word One Max (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_ONE_MAX) - MPHY Trigger Word Two Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_TWO_CONDITION) - MPHY Trigger Word Two Min (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_TWO_MIN) - MPHY Trigger Word Two Max (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_TWO_MAX) - MPHY Trigger Word Three Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_THREE_CONDITION) - MPHY Trigger Word Three Min (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_THREE_MIN) - MPHY Trigger Word Three Max (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_THREE_MAX) - MPHY Trigger Word Four Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_FOUR_CONDITION) - MPHY Trigger Word Four Min (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_FOUR_MIN) - MPHY Trigger Word Four Max (RSSCOPE_ATTR_MP PHY_TRIGGER_WORD_FOUR_MAX) - MPHY Trigger TC Pattern (RSSCOPE_ATTR_MP PHY_TRIGGER_TC_PATTERN) - MPHY Trigger Data Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_DATA_CONDITION) - MPHY Trigger Data Min (RSSCOPE_ATTR_MP PHY_TRIGGER_DATA_MIN) - MPHY Trigger Data Max (RSSCOPE_ATTR_MP PHY_TRIGGER_DATA_MAX) - MPHY Trigger Index Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_INDEX_CONDITION) - MPHY Trigger Index Min (RSSCOPE_ATTR_MP PHY_TRIGGER_INDEX_MIN) - MPHY Trigger Index Max (RSSCOPE_ATTR_MP PHY_TRIGGER_INDEX_MAX) - MPHY Trigger FSN Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_FSN_CONDITION) - MPHY Trigger FSN Min (RSSCOPE_ATTR_MP PHY_TRIGGER_FSN_MIN) - MPHY Trigger FSN Max (RSSCOPE_ATTR_MP PHY_TRIGGER_FSN_MAX) - MPHY Trigger CRC Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_CRC_CONDITION) - MPHY Trigger CRC Min (RSSCOPE_ATTR_MP PHY_TRIGGER_CRC_MIN) - MPHY Trigger CRC Max (RSSCOPE_ATTR_MP PHY_TRIGGER_CRC_MAX) - MPHY Trigger CREQ Pattern (RSSCOPE_ATTR_MP PHY_TRIGGER_CREQ_PATTERN) - MPHY Trigger RREQ Pattern (RSSCOPE_ATTR_MP PHY_TRIGGER_RREQ_PATTERN) - MPHY Trigger Credit Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_CREDIT_CONDITION) - MPHY Trigger Credit Min (RSSCOPE_ATTR_MP PHY_TRIGGER_CREDIT_MIN) - MPHY Trigger Credit Max (RSSCOPE_ATTR_MP PHY_TRIGGER_CREDIT_MAX) - MPHY Trigger PACP Begin Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_BEGIN_CONDITION) - MPHY Trigger PACP Begin Min (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_BEGIN_MIN) - MPHY Trigger PACP Begin Max (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_BEGIN_MAX) - MPHY Trigger PACP ID Condition (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_ID_CONDITION) - MPHY Trigger PACP ID Min (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_ID_MIN) - MPHY Trigger PACP ID Max (RSSCOPE_ATTR_MP PHY_TRIGGER_PACP_ID_MAX)

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		<ul style="list-style-type: none"> - MPHY Trigger LCC Error (RSSCOPE_ATTR_MPHY_TRIGGER_LCC_ERROR) - MPHY Trigger Error Length (RSSCOPE_ATTR_MPHY_TRIGGER_ERROR_LENGTH) - MPHY Trigger Error Reserved (RSSCOPE_ATTR_MPHY_TRIGGER_ERROR_RESERVED) - MPHY Trigger Error Symbol (RSSCOPE_ATTR_MPHY_TRIGGER_ERROR_SYMBOL) - MPHY Trigger Error Unidentified UniPro Frame (RSSCOPE_ATTR_MPHY_TRIGGER_ERROR_UNIDENTIFIED_UNIPRO_FRAME) - Zone Logical Expression (RSSCOPE_ATTR_ZONE_LOGICAL_EXPRESSION) - Spectrum Absolute Threshold (RSSCOPE_ATTR_SPECTRUM_ABSOLUTE_THRESHOLD) - Reference Waveform Multichannel File Name (RSSCOPE_ATTR_REFERENCE_WAVEFORM_MULTICHANNEL_FILE_NAME) - Reference Waveform Multichannel Import (RSSCOPE_ATTR_REFERENCE_WAVEFORM_MULTICHANNEL_IMPORT) - Reference Waveform Multichannel Open (RSSCOPE_ATTR_REFERENCE_WAVEFORM_MULTICHANNEL_OPEN) - Search RFFE Interrupt Pattern (RSSCOPE_ATTR_SEARCH_RFFE_INTERRUPT_PATTERN) - Search SPI Mode (RSSCOPE_ATTR_SEARCH_SPI_MODE) - Search SPI Data Operator (RSSCOPE_ATTR_SEARCH_SPI_DATA_OPERATOR) - Search SPI MISO Pattern (RSSCOPE_ATTR_SEARCH_SPI_MISO_PATTERN) - Search SPI MOSI Pattern (RSSCOPE_ATTR_SEARCH_SPI_MOSI_PATTERN) - Search SPI Data Position Operator (RSSCOPE_ATTR_SEARCH_SPI_DATA_POSITION_OPERATOR) - Search SPI Data Position (RSSCOPE_ATTR_SEARCH_SPI_DATA_POSITION) - Search SPI Data Alignment (RSSCOPE_ATTR_SEARCH_SPI_DATA_ALIGNMENT) - Search SPI Data Position To (RSSCOPE_ATTR_SEARCH_SPI_DATA_POSITION_TO) - Search MPHY Type (RSSCOPE_ATTR_SEARCH_MPHY_TYPE) - Search MPHY LCC Type (RSSCOPE_ATTR_SEARCH_MPHY_LCC_TYPE) - Search MPHY Word One Condition (RSSCOPE_ATTR_SEARCH_MPHY_WORD_ONE_CONDITION) - Search MPHY Word One Min (RSSCOPE_ATTR_SEARCH_MPHY_WORD_ONE_MIN) - Search MPHY Word One Max (RSSCOPE_ATTR_SEARCH_MPHY_WORD_ONE_MAX) - Search MPHY Word Two Condition (RSSCOPE_ATTR_SEARCH_MPHY_WORD_TWO_CONDITION) - Search MPHY Word Two Min (RSSCOPE_ATTR_SEARCH_MPHY_WORD_TWO_MIN) - Search MPHY Word Two Max (RSSCOPE_ATTR_SEARCH_MPHY_WORD_TWO_MAX) - Search MPHY Word Three Condition (RSSCOPE_ATTR_SEARCH_MPHY_WORD_THREE_CONDITION) - Search MPHY Word Three Min (RSSCOPE_ATTR_SEARCH_MPHY_WORD_THREE_MIN) - Search MPHY Word Three Max (RSSCOPE_ATTR_SEARCH_MPHY_WORD_THREE_MAX) - Search MPHY Word Four Condition (RSSCOPE_ATTR_SEARCH_MPHY_WORD_FOUR_CONDITION) - Search MPHY Word Four Min (RSSCOPE_ATTR_SEARCH_MPHY_WORD_FOUR_MIN) - Search MPHY Word Four Max (RSSCOPE_ATTR_SEARCH_MPHY_WORD_FOUR_MAX) - Search MPHY TC Pattern (RSSCOPE_ATTR_SEARCH_MPHY_TC_PATTERN) - Search MPHY Data Condition (RSSCOPE_ATTR_SEARCH_MPHY_DATA_CONDITION) - Search MPHY Data Min (RSSCOPE_ATTR_SEARCH_MPHY_DATA_MIN) - Search MPHY Data Max (RSSCOPE_ATTR_SEARCH_MPHY_DATA_MAX)

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		<ul style="list-style-type: none"> - Search MPHY Index Condition (RSSCOPE_ATTR_SEARCH_MPHY_INDEX_CONDITION) - Search MPHY Index Min (RSSCOPE_ATTR_SEARCH_MP PHY_INDEX_MIN) - Search MPHY Index Max (RSSCOPE_ATTR_SEARCH_MP PHY_INDEX_MAX) - Search MPHY FSN Condition (RSSCOPE_ATTR_SEARCH_MP PHY_FSN_CONDITION) - Search MPHY FSN Min (RSSCOPE_ATTR_SEARCH_MP PHY_FSN_MIN) - Search MPHY FSN Max (RSSCOPE_ATTR_SEARCH_MP PHY_FSN_MAX) - Search MPHY CRC Condition (RSSCOPE_ATTR_SEARCH_MP PHY_CRC_CONDITION) - Search MPHY CRC Min (RSSCOPE_ATTR_SEARCH_MP PHY_CRC_MIN) - Search MPHY CRC Max (RSSCOPE_ATTR_SEARCH_MP PHY_CRC_MAX) - Search MPHY CREQ Pattern (RSSCOPE_ATTR_SEARCH_MP PHY_CREQ_PATTERN) - Search MPHY RREQ Pattern (RSSCOPE_ATTR_SEARCH_MP PHY_RREQ_PATTERN) - Search MPHY Credit Condition (RSSCOPE_ATTR_SEARCH_MP PHY_CREDIT_CONDITION) - Search MPHY Credit Min (RSSCOPE_ATTR_SEARCH_MP PHY_CREDIT_MIN) - Search MPHY Credit Max (RSSCOPE_ATTR_SEARCH_MP PHY_CREDIT_MAX) - Search MPHY PACP Begin Condition (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_BEGIN_CONDITION) - Search MPHY PACP Begin Min (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_BEGIN_MIN) - Search MPHY PACP Begin Max (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_BEGIN_MAX) - Search MPHY PACP ID Condition (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_ID_CONDITION) - Search MPHY PACP ID Min (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_ID_MIN) - Search MPHY PACP ID Max (RSSCOPE_ATTR_SEARCH_MP PHY_PACP_ID_MAX) - Search MPHY LCC Error (RSSCOPE_ATTR_SEARCH_MP PHY_LCC_ERROR) - Search MPHY Error Length (RSSCOPE_ATTR_SEARCH_MP PHY_ERROR_LENGTH) - Search MPHY Error Reserved (RSSCOPE_ATTR_SEARCH_MP PHY_ERROR_RESERVED) - Search MPHY Error Symbol (RSSCOPE_ATTR_SEARCH_MP PHY_ERROR_SYMBOL) - Search MPHY Error Unidentified UniPro Frame (RSSCOPE_ATTR_SEARCH_MP PHY_ERROR_UNIDENTIFIED_UNIPRO_FRAME) - Protocol MDIO Max Gap Time (RSSCOPE_ATTR_PROTOCOL_MDIO_MAX_GAP_TIME) - Protocol NRZ Enable Source (RSSCOPE_ATTR_PROTOCOL_NRZ_ENABLE_SOURCE) - Protocol NRZ ENA Polarity (RSSCOPE_ATTR_PROTOCOL_NRZ_ENA_POLARITY) - Protocol NRZ Threshold Value (RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_VALUE) - Protocol MPH Y (RSSCOPE_ATTR_PROTOCOL_MP Y) - Protocol MPH Y Data Lanes (RSSCOPE_ATTR_PROTOCOL_MP Y_DATA_LANES) - Protocol MPH Y Data Source Zero (RSSCOPE_ATTR_PROTOCOL_MP Y_DATA_SOURCE_ZERO) - Protocol MPH Y Data Source One (RSSCOPE_ATTR_PROTOCOL_MP Y_DATA_SOURCE_ONE) - Protocol MPH Y Data Source Two (RSSCOPE_ATTR_PROTOCOL_MP Y_DATA_SOURCE_TWO) - Protocol MPH Y Data Source Three (RSSCOPE_ATTR_PROTOCOL_MP Y_DATA_SOURCE_THREE) - Protocol MPH Y Threshold Zero (RSSCOPE_ATTR_PROTOCOL_MP Y_THRESHOLD_ZERO) - Protocol MPH Y Threshold One (RSSCOPE_ATTR_PROTOCOL_MP Y_THRESHOLD_ONE) - Protocol MPH Y Threshold Two (RSSCOPE_ATTR_PROTOCOL_MP Y_THRESHOLD_TWO) - Protocol MPH Y Threshold Three (RSSCOPE_ATTR_PROTOCOL_MP Y_THRESHOLD_THREE) - Protocol MPH Y Threshold Coupling Enabled

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		<p>(RSSCOPE_ATTR_PROTOCOL_MP PHY_THRESHOLD_COUPLING_ENABLED)</p> <ul style="list-style-type: none"> - Protocol MP PHY Threshold Preset (RSSCOPE_ATTR_PROTOCOL_MP PHY_THRESHOLD_PRESET) - Protocol MP PHY Frame Count (RSSCOPE_ATTR_PROTOCOL_MP PHY_FRAME_COUNT) - Spectrum Analysis X Scaling (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_X_SCALING) - Spectrum Analysis Waveform Data Signal Type (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_WAVEFORM_DATA_SIGNAL_TYPE) - Spectrum Analysis Color Table Mode (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_COLOR_TABLE_MODE) - Spectrum Analysis Use Color Table (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_USE_COLOR_TABLE) - Spectrum Analysis Spectrogram Enabled (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_SPECTROGRAM_ENABLED) - Spectrum Analysis Coupled Spectrum (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_COUPLED_SPECTRUM) - Spectrum Analysis Timeline Enabled (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_TIMELINE_ENABLED) - Spectrum Analysis Timeline Position (RSSCOPE_ATTR_SPECTRUM_ANALYSIS_TIMELINE_POSITION) - Display Gate Transparency (RSSCOPE_ATTR_DISPLAY_GATE_TRANSPARENCY) - Scope Model (RSSCOPE_ATTR_SCOPE_MODEL) - Scope Series (RSSCOPE_ATTR_SCOPE_SERIES) - Scope Family (RSSCOPE_ATTR_SCOPE_FAMILY) <p>* Modified attributes:</p> <ul style="list-style-type: none"> - Horizontal Time Per Record (RSSCOPE_ATTR_HORZ_TIME_PER_RECORD) - Range changed. - Horizontal Record Length Limit (RSSCOPE_ATTR_HORZ_RECORD_LENGTH_LIMIT) - Range changed. - Horizontal Scale (RSSCOPE_ATTR_HORZ_SCALE) - Range changed. - Probe Micro Button Action (RSSCOPE_ATTR_PROBE_MICRO_BUTTON_ACTION) - New values. - Probe Attenuation Manual (RSSCOPE_ATTR_PROBE_ATTENUATION_MANUAL) - Range changed. - Probe Gain Manual (RSSCOPE_ATTR_PROBE_GAIN_MANUAL) - Changed default - Probe Predefined Current Probe (RSSCOPE_ATTR_PROBE_PREDEFINED_CURRENT_PROBE) - ZC30 added. - Trigger Input Probe Micro Button Action (RSSCOPE_ATTR_TRIGGER_PROBE_MICRO_BUTTON_ACTION) - New values. - Channel Bandwidth Limit (RSSCOPE_ATTR_CHANNEL_BANDWIDTH_LIMIT) - Values removed. - Trigger Type (RSSCOPE_ATTR_TRIGGER_TYPE) - Analog edge added. - Interval Polarity (RSSCOPE_ATTR_INTERVAL_POLARITY) - Command changed - Serial Pattern Source (RSSCOPE_ATTR_SERIAL_PATTERN_SOURCE) - Range table changed. - Protocol USB Trigger Type (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TYPE) - Reset command string changed. - Cursor Source (RSSCOPE_ATTR_CURSOR_SOURCE) - Range table modified - Cursor X Position (RSSCOPE_ATTR_CURSOR_X_POSITION) - Range changed. - Jitter Clock Measurement Cycle Offset

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		<p>(RSSCOPE_ATTR_JITTER_CLOCK_MEASUREMENT_CYCLE_OFFSET) - Command changed from MEASurement:JITTer:COFFset</p> <ul style="list-style-type: none"> - Spectrum Noise Reject (RSSCOPE_ATTR_SPECTRUM_NOISE_REJECT) - Changed command form NRE to THR. - Spectrum Peak Excursion (RSSCOPE_ATTR_SPECTRUM_PEAK_EXCURSION) - Changed command from NRE to THR. - Gating Relative Start (RSSCOPE_ATTR_GATING_RELATIVE_START) - Range added. - Gating Relative Stop (RSSCOPE_ATTR_GATING_RELATIVE_STOP) - Range changed. - User Reference Relative Upper Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_UPPER_LEVEL) - Range. - User Reference Relative Middle Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_MIDDLE_LEVEL) - Range. - User Reference Relative Lower Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_LOWER_LEVEL) - Range - User Reference Hysteresis (RSSCOPE_ATTR_USER_REFERENCE_HYSTERESIS) - Data type changed from ViInt32 (int) to ViReal64 (double) - Tube Relative Inner Distance (RSSCOPE_ATTR_TUBE_RELATIVE_INNER_DISTANCE) - Range table was modified. - Math Vertical Range (RSSCOPE_ATTR_MATH_VERTICAL_RANGE) - Range table was modified. - Math Vertical Offset (RSSCOPE_ATTR_MATH_VERTICAL_OFFSET) - Range table was modified. - Math Acquired Waveforms (RSSCOPE_ATTR_MATH_ACQUIRED_WAVEFORMS) - Command changed. - FFT Magnitude Unit (RSSCOPE_ATTR_FFT_MAGNITUDE_UNIT) - New values. - FFT Gate Relative Start (RSSCOPE_ATTR_FFT_GATE_RELATIVE_START) - Range added. - FFT Gate Relative Stop (RSSCOPE_ATTR_FFT_GATE_RELATIVE_STOP) - Range added. - Search Trigger Interval Polarity (RSSCOPE_ATTR_SEARCH_TRIGGER_INTERVAL_POLARITY) - Command changed. - Search CAN Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_CAN_START_OF_FRAME_ENABLED) - Command long form updated. - Search FlexRay Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_FLEXRAY_START_OF_FRAME_ENABLED) - Command long form updated. - Protocol Type (RSSCOPE_ATTR_PROTOCOL_TYPE) - New values. - Protocol SPI MOSI Source (RSSCOPE_ATTR_PROTOCOL_SPI_MOSI_SOURCE) - Range table was modified. - Protocol CAN Sample Point Abs (RSSCOPE_ATTR_PROTOCOL_CAN_SAMPLE_POINT_ABS) - Range added. - Protocol SENT Data Source (RSSCOPE_ATTR_PROTOCOL_SENT_DATA_SOURCE) - Range table was modified. - Protocol Space Wire Strobe Source (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_STROBE_SOURCE) - Command changed - Protocol Space Wire Data Source (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_DATA_SOURCE) - Command changed. - Protocol Space Wire Threshold Preset (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_PRESET) - Command changed. <p>Removed some values, added some values.</p>

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		<ul style="list-style-type: none"> - Protocol Space Wire Threshold Coupling (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_COUPLING) - Command changed. - Protocol Space Wire Strobe Threshold (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_STROBE_THRESHOLD) - Command changed. - Protocol Space Wire Data Threshold (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_DATA_THRESHOLD) - Command changed. - Power Current Harmonics EN Frequency (RSSCOPE_ATTR_POWER_CURRENT_HARMONICS_EN_FREQUENCY) - Only values F400 and F60 remains. - Power Current Harmonics DO Frequency (RSSCOPE_ATTR_POWER_CURRENT_HARMONICS_DO_FREQUENCY) - Only values F400 and F60 remains. - Power Ripple Frequency (RSSCOPE_ATTR_POWER_RIPPLE_FREQUENCY) - Range changed - Transient Response Trigger Level (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_LEVEL) - Changed range. - Transient Response Tube Tolerance (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TUBE_TOLERANCE) - Min changed. - Transient Response Signal High (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_HIGH) - Range changed - Transient Response Signal Low (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_LOW) - Range changed. - CDR Software Bit Rate (RSSCOPE_ATTR_CDR_SOFTWARE_BIT_RATE) - Min changed. - ID Query Response (RSSCOPE_ATTR_ID_QUERY_RESPONSE) - SCPI Command added, changed to read-only. - ID Query Response (RSSCOPE_ATTR_IDN_QUERY_RESPONSE) - SCPI Command added, changed to read-only. <p>* Modified Repeated Capabilities:</p> <ul style="list-style-type: none"> - QRegister - Identifiers ("RegChannelOverload,RegTemp,RegLimit,RegMargin,RegMask,ADCState,Frequency", "RegChannelOverload,RegTemp,RegLimit,RegMargin,RegMask,ADCState") - QRegister - Command Values ("COV,TEMP,LIM,MARG,MASK,ADCS,FREQ", "COV,TEMP,LIM,MARG,MASK,ADCS") <p>* Modified Range Tables:</p> <ul style="list-style-type: none"> - rsscope_rngHorzReference - RSSCOPE_ATTR_HORZ_REFERENCE Range changed to <0;100> - rsscope_rngHorzRecordSelection.RSSCOPE_VAL_RECORD_TIME - RSSCOPE_ATTR_HORZ_RECORD_SELECTION Help changed ("Record Length", "Record Time") - rsscope_rngHorzRecordSelection.RSSCOPE_VAL_RECORD_TIME - RSSCOPE_ATTR_HORZ_RECORD_SELECTION Description changed ("Record Length", "Record Time") - rsscope_rngTriggerSequence - RSSCOPE_ATTR_TRIGGER_SEQUENCE_MODE New items: RSSCOPE_VAL_SEQ_AZ, RSSCOPE_VAL_SEQ_ABRZ - rsscope_rngEyeJitterMeasurementType.RSSCOPE_VAL_MEAS_RMS_NOISE -

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		<p>RSSCOPE_ATTR_EYE_MAIN_MEASUREMENT Help changed ("RMS Noise", "Noise in RMS") - rsscope_rngEyeJitterMeasurementType.RSSCOPE_VAL_MEAS_RMS_NOISE - RSSCOPE_ATTR_EYE_MAIN_MEASUREMENT Description changed ("RMS Noise", "Noise in RMS") - rsscope_rngSpectrumMeasurementType.RSSCOPE_VAL_MEAS_HAR - RSSCOPE_ATTR_SPECTRUM_MAIN_MEASUREMENT Help changed ("Harmonic Search", "Harmonic search") - rsscope_rngProbabilityType.RSSCOPE_VAL_PROBABILITY_UPPK - RSSCOPE_ATTR_HISTOGRAM_PROBABILITY_TYPE Description changed ("Upper Peak", "UPPK") - rsscope_rngProbabilityType.RSSCOPE_VAL_PROBABILITY_LWPK - RSSCOPE_ATTR_HISTOGRAM_PROBABILITY_TYPE Description changed ("Lower Peak", "LWPK") - rsscope_rngLimitType.RSSCOPE_VAL_LIMIT_MARGIN - RSSCOPE_ATTR_MEASUREMENT_LIMIT_TYPE Description changed ("Limits And Margins", "Limits and Margins") - rsscope_rngFFTReferenceLevel - RSSCOPE_ATTR_FFT_REFERENCE_LEVEL Range changed to <-100.0e+24;1.0e+15> - rsscope_rngHysteresis - RSSCOPE_ATTR_USER_REFERENCE_HYSTERESIS Range changed to <0.0;50.0> - rsscope_rngHysteresis - RSSCOPE_ATTR_USER_REFERENCE_HYSTERESIS Changed data type ("ViReal64", "ViInt32") - rsscope_rngProbeButtonAction.RSSCOPE_VAL_PROBE_BUTTON_RUN_CONTINUOUS - RSSCOPE_ATTR_PROBE_MICRO_BUTTON_ACTION, RSSCOPE_ATTR_TRIGGER_PROBE_MICRO_BUTTON_ACTION Description changed ("Run Continuous", "Run Continues") - rsscope_rngProbeButtonAction - RSSCOPE_ATTR_PROBE_MICRO_BUTTON_ACTION, RSSCOPE_ATTR_TRIGGER_PROBE_MICRO_BUTTON_ACTION New items: RSSCOPE_VAL_PROBE_BUTTON_PROBEMODE - rsscope_rngProtocolWaveformSource - RSSCOPE_ATTR_PROTOCOL_I2C_SOURCE, RSSCOPE_ATTR_PROTOCOL_I2C_SCL_SOURCE, RSSCOPE_ATTR_PROTOCOL_I2C_SDA_SOURCE, RSSCOPE_ATTR_PROTOCOL_SPI_SOURCE, RSSCOPE_ATTR_PROTOCOL_SPI_CLOCK_SOURCE, RSSCOPE_ATTR_PROTOCOL_SPI_MOSI_SOURCE, RSSCOPE_ATTR_PROTOCOL_SPI_MISO_SOURCE, RSSCOPE_ATTR_PROTOCOL_SPI_SLAVE_SELECT_SOURCE, RSSCOPE_ATTR_PROTOCOL_UART_SOURCE, RSSCOPE_ATTR_PROTOCOL_UART_RX_SOURCE, RSSCOPE_ATTR_PROTOCOL_UART_TX_SOURCE, RSSCOPE_ATTR_PROTOCOL_LIN_SOURCE, RSSCOPE_ATTR_PROTOCOL_CAN_SOURCE, RSSCOPE_ATTR_PROTOCOL_FLEXRAY_SOURCE, RSSCOPE_ATTR_PROTOCOL_AUDIO_SOURCE, RSSCOPE_ATTR_PROTOCOL_AUDIO_CLOCK_SOURCE, RSSCOPE_ATTR_PROTOCOL_AUDIO_WS_SOURCE, RSSCOPE_ATTR_PROTOCOL_AUDIO_DATA_SOURCE, RSSCOPE_ATTR_PROTOCOL_RFFE_CLOCK_SOURCE, RSSCOPE_ATTR_PROTOCOL_RFFE_DATA_SOURCE, RSSCOPE_ATTR_PROTOCOL_MDIO_CLOCK_SOURCE, RSSCOPE_ATTR_PROTOCOL_MDIO_DATA_SOURCE,</p>

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		<p>RSSCOPE_ATTR_PROTOCOL_ETHERNET_SOURCE, RSSCOPE_ATTR_PROTOCOL_MANCHESTER_DATA_SOURCE, RSSCOPE_ATTR_PROTOCOL_NRZ_DATA_SOURCE, RSSCOPE_ATTR_PROTOCOL_NRZ_CLOCK_SOURCE, RSSCOPE_ATTR_PROTOCOL_SENT_DATA_SOURCE</p> <p>Deleted items: RSSCOPE_VAL_PROTOCOL_WAV_QUICK - rsscope_rngProtocolType - RSSCOPE_ATTR_PROTOCOL_TYPE</p> <p>New items: RSSCOPE_VAL_MPHY - rsscope_rngProtocolSPITriggerType.RSSCOPE_VAL_SPI_TRIGGER_MOMI - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_MODE, RSSCOPE_ATTR_SEARCH_SPI_MODE</p> <p>Description changed ("MOMI", "MOSI/MISO") - rsscope_rngProtocolSPITriggerOffset -</p> <p>RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_DATA_INDEX_MIN, RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_DATA_INDEX_MAX</p> <p>Range changed to <1;4095> - rsscope_rngCalibrationSourceFrequency.RSSCOPE_VAL_CALIBRATION_FREQUENCY_MHZ10 - RSSCOPE_ATTR_CALIBRATION_SOURCE_FREQUENCY</p> <p>Description changed ("10 MHz", "10 MHz square wave") - rsscope_rngCalibrationSourceFrequency.RSSCOPE_VAL_CALIBRATION_FREQUENCY_GHZ1 - RSSCOPE_ATTR_CALIBRATION_SOURCE_FREQUENCY</p> <p>Description changed ("1 GHz", "1 GHz sine wave") - rsscope_rngAttUnits.RSSCOPE_VAL_ATT_V - RSSCOPE_ATTR_PROBE_VERTICAL_UNIT, RSSCOPE_ATTR_TRIGGER_PROBE_VERTICAL_UNIT</p> <p>Description changed ("Volt", "Voltage") - rsscope_rngAttUnits.RSSCOPE_VAL_ATT_A - RSSCOPE_ATTR_PROBE_VERTICAL_UNIT, RSSCOPE_ATTR_TRIGGER_PROBE_VERTICAL_UNIT</p> <p>Description changed ("Ampere", "Current") - rsscope_rngAttUnits.RSSCOPE_VAL_ATT_W - RSSCOPE_ATTR_PROBE_VERTICAL_UNIT, RSSCOPE_ATTR_TRIGGER_PROBE_VERTICAL_UNIT</p> <p>Description changed ("Watt", "Power") - rsscope_rngCursor.RSSCOPE_VAL_CURSOR_1 - RSSCOPE_ATTR_WAVEFORM_EXPORT_SCOPE_CURSOR</p> <p>Description changed ("1", "Cursor 1") - rsscope_rngCursor.RSSCOPE_VAL_CURSOR_2 - RSSCOPE_ATTR_WAVEFORM_EXPORT_SCOPE_CURSOR</p> <p>Description changed ("2", "Cursor 2") - rsscope_rngCursor.RSSCOPE_VAL_CURSOR_3 - RSSCOPE_ATTR_WAVEFORM_EXPORT_SCOPE_CURSOR</p> <p>Description changed ("3", "Cursor 3") - rsscope_rngCursor.RSSCOPE_VAL_CURSOR_4 - RSSCOPE_ATTR_WAVEFORM_EXPORT_SCOPE_CURSOR</p> <p>Description changed ("4", "Cursor 4") - rsscope_rngAudioVariant.RSSCOPE_VAL_AUDIO VARIANT_I2S - RSSCOPE_ATTR_PROTOCOL_AUDIO VARIANT</p> <p>Description changed ("I2S Standard", "Inter-IC") - rsscope_rngAudioVariant.RSSCOPE_VAL_AUDIO VARIANT_TDM -</p>

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		<p>RSSCOPE_ATTR_PROTOCOL_AUDIO_VARIANT</p> <p>Description changed ("TDM", "Time Division Multiplexed")</p> <ul style="list-style-type: none"> - rsscope_rngMathVerticalScale - RSSCOPE_ATTR_MATH_VERTICAL_SCALE Range changed to <1.0e-12;100.0e+12> - rsscope_rngCDRHardwareSource - RSSCOPE_ATTR_CDR_HARDWARE_SOURCE New items: RSSCOPE_VAL_C1, RSSCOPE_VAL_C2, RSSCOPE_VAL_C3, RSSCOPE_VAL_C4 - RsScope_rngPowerCurrentHarmonicsVoltageResultsDisplay.RSSCOPE_VAL_CURRENT_HARMONICS_VOLTDISP - RSSCOPE_ATTR_POWER_CURRENT_HARMONICS_EVALUATION_VOLT Description changed ("Opposite voltage harmonic result displayed", "Voltage display") - RsScope_rngTransientResponseTriggerSource.RSSCOPE_VAL_POWER_TR_TRIGGER_CHAN1 - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_SOURCE Description changed ("Channel 1", "Input channel 1") - RsScope_rngTransientResponseTriggerSource.RSSCOPE_VAL_POWER_TR_TRIGGER_CHAN2 - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_SOURCE Description changed ("Channel 2", "Input channel 2") - RsScope_rngTransientResponseTriggerSource.RSSCOPE_VAL_POWER_TR_TRIGGER_CHAN3 - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_SOURCE Description changed ("Channel 3", "Input channel 3") - RsScope_rngTransientResponseTriggerSource.RSSCOPE_VAL_POWER_TR_TRIGGER_CHAN4 - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_SOURCE Description changed ("Channel 4", "Input channel 4") - rsscope_rngProtocolDataIndexOperator.RSSCOPE_VAL_COND_IN - RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_INDEX_CONDITION Description changed ("In range", "In Range") - rsscope_rngProtocolMIL1553TriggerCommandTransmitReceive.RSSCOPE_VAL_MIL1553_TRIGGER_COMMAND_TR_ZERO - RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_TRANSMIT_RECEIVE, RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_TRANSMIT_RECEIVE Description changed ("Receive", "Zero") - rsscope_rngProtocolMIL1553TriggerCommandTransmitReceive.RSSCOPE_VAL_MIL1553_TRIGGER_COMMAND_TR_ONE - RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_TRANSMIT_RECEIVE, RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_TRANSMIT_RECEIVE Description changed ("Transmit", "One") - rsscope_rngProtocolMIL1553TriggerCommandTransmitReceive.RSSCOPE_VAL_MIL1553_TRIGGER_COMMAND_DC - RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_TRANSMIT_RECEIVE, RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_TRANSMIT_RECEIVE Description changed ("Either", "DC") - rsscope_rngProtocolARINC429DataOperator.RSSCOPE_VAL_COND_IN - RSSCOPE_ATTR_PROTOCOL_ARINC429_TRIGGER_DATA_PATTERN_CONDITION, RSSCOPE_ATTR_SEARCH_ARINC429_DATA_PATTERN_CONDITION

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		<p>Description changed ("In Range", "In range")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolARINC429DataOperator.RSSCOPE_VAL_COND_OUT - RSSCOPE_ATTR_PROTOCOL_ARINC429_TRIGGER_DATA_PATTERN_CONDITION, RSSCOPE_ATTR_SEARCH_ARINC429_DATA_PATTERN_CONDITION <p>Description changed ("Out Of Range", "Out of range")</p> <ul style="list-style-type: none"> - RsScope_rngProtocolCANTriggerDLCCondition.RSSCOPE_VAL_COND_GE - RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_DLC_CONDITION <p>Description changed (">=", ">")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolCANPositionCondition.RSSCOPE_VAL_COND_GE - RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_POSITION_CONDITION, RSSCOPE_ATTR_SEARCH_CAN_POSITION_CONDITION <p>Description changed (">=", ">")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolCANPositionCondition.RSSCOPE_VAL_COND_IN - RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_POSITION_CONDITION, RSSCOPE_ATTR_SEARCH_CAN_POSITION_CONDITION <p>Description changed ("In range", "In Range")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolRFFEMinGapTime - RSSCOPE_ATTR_PROTOCOL_RFFE_MIN_GAP_TIME <p>Range changed to <10.0E-9;10.0E-6></p> <ul style="list-style-type: none"> - rsscope_rngProtocolRFFEGlitchFilterWidth - RSSCOPE_ATTR_PROTOCOL_RFFE_GLITCH_FILTER_WIDTH <p>Range changed to <10.0E-12;10.0E-9></p> <ul style="list-style-type: none"> - rsscope_rngProtocolRFFESequenceType - <p>New items: RSSCOPE_VAL_RFFE_SEQUENCE_TYPE_MASR, RSSCOPE_VAL_RFFE_SEQUENCE_TYPE_MASW, RSSCOPE_VAL_RFFE_SEQUENCE_TYPE_MASOHO, RSSCOPE_VAL_RFFE_SEQUENCE_TYPE_IRSUM, RSSCOPE_VAL_RFFE_SEQUENCE_TYPE_UNDEF</p> <ul style="list-style-type: none"> - RsScope_rngSpaceWireMinGap - RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_MIN_GAP <p>Range changed to <1E-9;10E-6></p> <ul style="list-style-type: none"> - RsScope_rngSpaceWireThresholdPreset - RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_PRESET <p>New items: RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V0, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V12, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V09, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V125, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V165, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_25</p> <ul style="list-style-type: none"> - RsScope_rngSpaceWireThresholdPreset - RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_PRESET <p>Deleted items: RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V01, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V03, RSSCOPE_VAL_SPACE_WIRE_THRESHOLD_PRESET_V2</p> <ul style="list-style-type: none"> - rsscope_rngTriggerSource - RSSCOPE_ATTR_TRIGGER_SOURCE <p>New items: RSSCOPE_VAL_D0, RSSCOPE_VAL_D1, RSSCOPE_VAL_D2, RSSCOPE_VAL_D3, RSSCOPE_VAL_D4, RSSCOPE_VAL_D5, RSSCOPE_VAL_D6, RSSCOPE_VAL_D7, RSSCOPE_VAL_D8, RSSCOPE_VAL_D9, RSSCOPE_VAL_D10, RSSCOPE_VAL_D11, RSSCOPE_VAL_D12, RSSCOPE_VAL_D13, RSSCOPE_VAL_D14, RSSCOPE_VAL_D15, RSSCOPE_VAL_LOGIC, RSSCOPE_VAL_MSOB1, RSSCOPE_VAL_MSOB2, RSSCOPE_VAL_MSOB3,</p>

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		RSSCOPE_VAL_MSOB4
3.0.2	09/2016	<ul style="list-style-type: none"> * Fixed: <ul style="list-style-type: none"> - fixed bugs for attributes using callbacks
3.0.1	08/2016	<ul style="list-style-type: none"> * Modified: <ul style="list-style-type: none"> - rsscope Configure Measurement Source.vi - bug fixed - rsscope Configure Edge Trigger Source.vi - added Line as Trigger Source - rsscope Error Query.vi - reads out all errors from the instrument
3.0.0	05/2016	<ul style="list-style-type: none"> * New Subsystems <ul style="list-style-type: none"> - D-PHY - Space Wire - Reports - Autonaming * New: <ul style="list-style-type: none"> - rsscope Query Number Of Acquisitions.vi - rsscope Query History Time Reference.vi - rsscope Configure Gate Definition Cursor.vi - rsscope Power Quality Custom Frequency.vi - rsscope Configure Waveform Export Timestamps.vi - rsscope Clear Status.vi - rsscope ID Query Response.vi - rsscope Process All Previous Commands.vi - rsscope Query OPC.vi * Modified: <ul style="list-style-type: none"> - rsscope Configure Record Length Limit.vi - range changed - rsscope Configure Probe Micro Button Action.vi - new values - rsscope Configure Trigger Input Probe Micro Button Action.vi - new values - rsscope Configure Serial Bus Trigger Source.vi - new values - rsscope Configure Amplitude Time Slope.vi - new count type - rsscope Configure Reference Level Relative User Levels.vi - ranges changed - rsscope Configure Math Reset Mode.vi - command changed - rsscope Query Cursor Distance.vi - using proper attributes - rsscope Configure Cursor Envelope Waveform Selection.vi - using proper attributes - rsscope Query CAN Frame All Data.vi - fixed result parsing - rsscope Query CAN Search Frame All Data.vi - fixed result parsing - rsscope Query FlexRay Frame All Data.vi - fixed result parsing - rsscope Query FlexRay Search Frame All Data.vi - fixed result parsing - rsscope Query I2C Frame All Data.vi - fixed result parsing

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		<ul style="list-style-type: none"> - rsscope Query I2C Search Frame All Data.vi - fixed result parsing - rsscope Query LIN Frame All Data.vi - fixed result parsing - rsscope Query LIN Search Frame All Data.vi - fixed result parsing - rsscope Query SENT Frame All Data.vi - fixed result parsing - rsscope Query SENT Search Frame All Data.vi - fixed result parsing - rsscope Query Ethernet Word All Data.vi - fixed result parsing - rsscope Query Ethernet Search Word All Data.vi - fixed result parsing - rsscope Query EBTB Symbol Data Bytes.vi - fixed result parsing - rsscope Query EBTB Search Symbol Data Bytes.vi - fixed result parsing - rsscope Query USB Packet All Data.vi - fixed result parsing - rsscope Query USB Search Packet All Data.vi - fixed result parsing <p>* New attributes:</p> <ul style="list-style-type: none"> - Number Of Acquisitions (RSSCOPE_ATTR_NUMBER_OF_ACQUISITIONS) - DPHY Trigger Type (RSSCOPE_ATTR_DPHY_TRIGGER_TYPE) - DPHY Trigger Virtual Channel (RSSCOPE_ATTR_DPHY_TRIGGER_VIRTUAL_CHANNEL) - DPHY Trigger Data Type Condition (RSSCOPE_ATTR_DPHY_TRIGGER_DATA_TYPE_CONDITION) - DPHY Trigger Data Type Min (RSSCOPE_ATTR_DPHY_TRIGGER_DATA_TYPE_MIN) - DPHY Trigger Data Type Max (RSSCOPE_ATTR_DPHY_TRIGGER_DATA_TYPE_MAX) - DPHY Trigger Word Count Condition (RSSCOPE_ATTR_DPHY_TRIGGER_WORD_COUNT_CONDITION) - DPHY Trigger Word Count Min (RSSCOPE_ATTR_DPHY_TRIGGER_WORD_COUNT_MIN) - DPHY Trigger Word Count Max (RSSCOPE_ATTR_DPHY_TRIGGER_WORD_COUNT_MAX) - DPHY Trigger High Speed Data Condition (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_CONDITION) - DPHY Trigger High Speed Data Min (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_MIN) - DPHY Trigger High Speed Data Max (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_MAX) - DPHY Trigger Low Power Escape Mode Data Condition (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_CONDITION) - DPHY Trigger Low Power Escape Mode Data Min (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_MIN) - DPHY Trigger Low Power Escape Mode Data Max (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_MAX) - DPHY Trigger High Speed Data Index Condition (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_INDEX_CONDITION) - DPHY Trigger High Speed Data Index Min (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_INDEX_MIN) - DPHY Trigger High Speed Data Index Max (RSSCOPE_ATTR_DPHY_TRIGGER_HIGH_SPEED_DATA_INDEX_MAX) - DPHY Trigger Low Power Escape Mode Data Index Condition (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_INDEX_CONDITION) - DPHY Trigger Low Power Escape Mode Data Index Min (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_INDEX_MIN)

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		<ul style="list-style-type: none"> - DPHY Trigger Low Power Escape Mode Data Index Max (RSSCOPE_ATTR_DPHY_TRIGGER_LOW_POWER_ESCAPE_MODE_DATA_INDEX_MAX) - DPHY Trigger Escape Mode Condition (RSSCOPE_ATTR_DPHY_TRIGGER_ESCAPE_MODE_CONDITION) - DPHY Trigger Escape Mode Min (RSSCOPE_ATTR_DPHY_TRIGGER_ESCAPE_MODE_MIN) - DPHY Trigger Escape Mode Max (RSSCOPE_ATTR_DPHY_TRIGGER_ESCAPE_MODE_MAX) - Space Wire Trigger Type (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_TYPE) - Space Wire Trigger Control Type (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_CONTROL_TYPE) - Space Wire Trigger Time Code Condition (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_TIME_CODE_CONDITION) - Space Wire Trigger Time Code Min (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_TIME_CODE_MIN) - Space Wire Trigger Time Code Max (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_TIME_CODE_MAX) - Space Wire Trigger Data Condition (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_DATA_CONDITION) - Space Wire Trigger Data Min (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_DATA_MIN) - Space Wire Trigger Data Max (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_DATA_MAX) - Space Wire Trigger Parity Error (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_PARITY_ERROR) - Space Wire Trigger Escape Error (RSSCOPE_ATTR_SPACE_WIRE_TRIGGER_ESCAPE_ERROR) - Amplitude Measured Slope (RSSCOPE_ATTR_AMPLITUDE_MEASURED_SLOPE) - Gating Cursor Coupling Enabled (RSSCOPE_ATTR_GATING_CURSOR_COUPLING_ENABLED) - Gating Cursor Set (RSSCOPE_ATTR_GATING_CURSOR_SET) - DPHY Search Type (RSSCOPE_ATTR_DPHY_SEARCH_TYPE) - DPHY Search Virtual Channel (RSSCOPE_ATTR_DPHY_SEARCH_VIRTUAL_CHANNEL) - DPHY Search Data Type Condition (RSSCOPE_ATTR_DPHY_SEARCH_DATA_TYPE_CONDITION) - DPHY Search Data Type Min (RSSCOPE_ATTR_DPHY_SEARCH_DATA_TYPE_MIN) - DPHY Search Data Type Max (RSSCOPE_ATTR_DPHY_SEARCH_DATA_TYPE_MAX) - DPHY Search Word Count Condition (RSSCOPE_ATTR_DPHY_SEARCH_WORD_COUNT_CONDITION) - DPHY Search Word Count Min (RSSCOPE_ATTR_DPHY_SEARCH_WORD_COUNT_MIN) - DPHY Search Word Count Max (RSSCOPE_ATTR_DPHY_SEARCH_WORD_COUNT_MAX) - DPHY Search High Speed Data Condition (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_CONDITION) - DPHY Search High Speed Data Min (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_MIN) - DPHY Search High Speed Data Max (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_MAX) - DPHY Search Low Power Escape Mode Data Condition (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_CONDITION) - DPHY Search Low Power Escape Mode Data Min (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_MIN) - DPHY Search Low Power Escape Mode Data Max (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_MAX) - DPHY Search High Speed Data Index Condition (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_INDEX_CONDITION) - DPHY Search High Speed Data Index Min (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_INDEX_MIN) - DPHY Search High Speed Data Index Max

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		<ul style="list-style-type: none"> (RSSCOPE_ATTR_DPHY_SEARCH_HIGH_SPEED_DATA_INDEX_MAX) <ul style="list-style-type: none"> - DPHY Search Low Power Escape Mode Data Index Condition (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_INDEX_CONDITION) <ul style="list-style-type: none"> - DPHY Search Low Power Escape Mode Data Index Min (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_INDEX_MIN) <ul style="list-style-type: none"> - DPHY Search Low Power Escape Mode Data Index Max (RSSCOPE_ATTR_DPHY_SEARCH_LOW_POWER_ESCAPE_MODE_DATA_INDEX_MAX) <ul style="list-style-type: none"> - DPHY Search Escape Mode Condition (RSSCOPE_ATTR_DPHY_SEARCH_ESCAPE_MODE_CONDITION) <ul style="list-style-type: none"> - DPHY Search Escape Mode Min (RSSCOPE_ATTR_DPHY_SEARCH_ESCAPE_MODE_MIN) - DPHY Search Escape Mode Max (RSSCOPE_ATTR_DPHY_SEARCH_ESCAPE_MODE_MAX) - Search DPHY Frame Count (RSSCOPE_ATTR_SEARCH_DPHY_FRAME_COUNT) - Space Wire Search Type (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_TYPE) - Space Wire Search Control Type (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_CONTROL_TYPE) - Space Wire Search Time Code Condition (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_TIME_CODE_CONDITION) <ul style="list-style-type: none"> - Space Wire Search Time Code Min (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_TIME_CODE_MIN) - Space Wire Search Time Code Max (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_TIME_CODE_MAX) - Space Wire Search Data Condition (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_DATA_CONDITION) - Space Wire Search Data Min (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_DATA_MIN) - Space Wire Search Data Max (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_DATA_MAX) - Space Wire Search Parity Error (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_PARITY_ERROR) - Space Wire Search Escape Error (RSSCOPE_ATTR_SPACE_WIRE_SEARCH_ESCAPE_ERROR) - Search Space Wire Frame Count (RSSCOPE_ATTR_SEARCH_SPACE_WIRE_FRAME_COUNT) - Protocol DPHY Variant (RSSCOPE_ATTR_PROTOCOL_DPHY_VARIANT) - Protocol DPHY Data Lanes (RSSCOPE_ATTR_PROTOCOL_DPHY_DATA_LANES) - Protocol DPHY CP Source (RSSCOPE_ATTR_PROTOCOL_DPHY_CP_SOURCE) - Protocol DPHY DN Zero Source (RSSCOPE_ATTR_PROTOCOL_DPHY_DN_ZERO_SOURCE) - Protocol DPHY DP Zero Source (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_ZERO_SOURCE) - Protocol DPHY DP One Source (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_ONE_SOURCE) - Protocol DPHY DP Two Source (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_TWO_SOURCE) - Protocol DPHY DP Three Source (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_THREE_SOURCE) - Protocol DPHY CP Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_CP_PROBE) - Protocol DPHY DN Zero Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_DN_ZERO_PROBE) - Protocol DPHY DP Zero Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_ZERO_PROBE) - Protocol DPHY DP One Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_ONE_PROBE) - Protocol DPHY DP Two Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_TWO_PROBE) - Protocol DPHY DP Three Probe (RSSCOPE_ATTR_PROTOCOL_DPHY_DP_THREE_PROBE) - Protocol DPHY Data Rate (RSSCOPE_ATTR_PROTOCOL_DPHY_DATA_RATE) - Protocol DPHY Dispaly Data Vector (RSSCOPE_ATTR_PROTOCOL_DPHY_DISPALY_DATA_VECTOR) - Protocol DPHY Threshold Preset (RSSCOPE_ATTR_PROTOCOL_DPHY_THRESHOLD_PRESET) - Protocol DPHY Threshold Coupling

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		<ul style="list-style-type: none"> (RSSCOPE_ATTR_PROTOCOL_DPHY_THRESHOLD_COUPLING) <ul style="list-style-type: none"> - Protocol DPHY High Speed CP Threshold (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_CP_THRESHOLD) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Zero Threshold (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_ZERO_THRESHOLD) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP One Threshold (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_ONE_THRESHOLD) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Two Threshold (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_TWO_THRESHOLD) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Three Threshold (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_THREE_THRESHOLD) <ul style="list-style-type: none"> - Protocol DPHY High Speed CP Hysteresis (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_CP_HYSTERESIS) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Zero Hysteresis (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_ZERO_HYSTERESIS) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP One Hysteresis (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_ONE_HYSTERESIS) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Two Hysteresis (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_TWO_HYSTERESIS) <ul style="list-style-type: none"> - Protocol DPHY High Speed DP Three Hysteresis (RSSCOPE_ATTR_PROTOCOL_DPHY_HIGH_SPEED_DP_THREE_HYSTERESIS) <ul style="list-style-type: none"> - Protocol DPHY Low Power DN Zero Threshold Upper (RSSCOPE_ATTR_PROTOCOL_DPHY_LOW_POWER_DN_ZERO_THRESHOLD_UPPER) <ul style="list-style-type: none"> - Protocol DPHY Low Power DP Zero Threshold Upper (RSSCOPE_ATTR_PROTOCOL_DPHY_LOW_POWER_DP_ZERO_THRESHOLD_UPPER) <ul style="list-style-type: none"> - Protocol DPHY Low Power DN Zero Threshold Lower (RSSCOPE_ATTR_PROTOCOL_DPHY_LOW_POWER_DN_ZERO_THRESHOLD_LOWER) <ul style="list-style-type: none"> - Protocol DPHY Low Power DP Zero Threshold Lower (RSSCOPE_ATTR_PROTOCOL_DPHY_LOW_POWER_DP_ZERO_THRESHOLD_LOWER) <ul style="list-style-type: none"> - Protocol DPHY Frame Count (RSSCOPE_ATTR_PROTOCOL_DPHY_FRAME_COUNT) (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_STROBE_SOURCE) <ul style="list-style-type: none"> - Protocol Space Wire Data Source (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_DATA_SOURCE) (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_PRESET) <ul style="list-style-type: none"> - Protocol Space Wire Threshold Preset (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_THRESHOLD_COUPLING) <ul style="list-style-type: none"> - Protocol Space Wire Threshold Coupling (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_STROBE_THRESHOLD) <ul style="list-style-type: none"> - Protocol Space Wire Strobe Threshold (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_DATA_THRESHOLD) <ul style="list-style-type: none"> - Protocol Space Wire Data Threshold (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_STROBE_HYSTERESIS) <ul style="list-style-type: none"> - Protocol Space Wire Strobe Hysteresis (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_DATA_HYSTERESIS) <ul style="list-style-type: none"> - Protocol Space Wire Data Hysteresis (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_SYNC_SETTINGS) <ul style="list-style-type: none"> - Protocol Space Wire Sync Settings

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		<ul style="list-style-type: none"> - Protocol Space Wire Sync Bit Position (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_SYNC_BIT_POSITION) - Protocol Space Wire Min Gap (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_MIN_GAP) - Protocol Space Wire Frame Count (RSSCOPE_ATTR_PROTOCOL_SPACE_WIRE_FRAME_COUNT) - Power Quality Custom Frequency (RSSCOPE_ATTR_POWER_QUALITY_CUSTOM_FREQUENCY) - History Time Reference (RSSCOPE_ATTR_HISTORY_TIME_REFERENCE) - Waveform Export Timestamps (RSSCOPE_ATTR_WAVEFORM_EXPORT_TIMESTAMPS) - Report Language (RSSCOPE_ATTR_REPORT_LANGUAGE) - Report Paper Size (RSSCOPE_ATTR_REPORT_PAPER_SIZE) - Report User (RSSCOPE_ATTR_REPORT_USER) - Report Comment (RSSCOPE_ATTR_REPORT_COMMENT) - Report Logo Type (RSSCOPE_ATTR_REPORT_LOGO_TYPE) - Report Logo File (RSSCOPE_ATTR_REPORT_LOGO_FILE) - Report File Name (RSSCOPE_ATTR_REPORT_FILE_NAME) - Save Report (RSSCOPE_ATTR_SAVE_REPORT) - Autonaming Prefix (RSSCOPE_ATTR_AUTONAMING_PREFIX) - Autonaming Text (RSSCOPE_ATTR_AUTONAMING_TEXT) - Autonaming User Text (RSSCOPE_ATTR_AUTONAMING_USER_TEXT) - Autonaming Date (RSSCOPE_ATTR_AUTONAMING_DATE) - Autonaming Index (RSSCOPE_ATTR_AUTONAMING_INDEX) - Autonaming Time (RSSCOPE_ATTR_AUTONAMING_TIME) - Autonaming Default Path (RSSCOPE_ATTR_AUTONAMING_DEFAULT_PATH) - Autonaming Reset Path (RSSCOPE_ATTR_AUTONAMING_RESET_PATH) - Autonaming Reset All Settings (RSSCOPE_ATTR_AUTONAMING_RESET_ALL_SETTINGS) - Logging (RSSCOPE_ATTR_LOGGING) - System Error (RSSCOPE_ATTR_SYSTEM_ERROR) <p>* Modified attributes:</p> <ul style="list-style-type: none"> - Horizontal Time Per Record (RSSCOPE_ATTR_HORZ_TIME_PER_RECORD) - Range changed. - Horizontal Record Length Limit (RSSCOPE_ATTR_HORZ_RECORD_LENGTH_LIMIT) - Range changed. - Horizontal Scale (RSSCOPE_ATTR_HORZ_SCALE) - Range changed. - Probe Micro Button Action (RSSCOPE_ATTR_PROBE_MICRO_BUTTON_ACTION) - New values. - Probe Attenuation Manual (RSSCOPE_ATTR_PROBE_ATTENUATION_MANUAL) - Range changed. - Probe Gain Manual (RSSCOPE_ATTR_PROBE_GAIN_MANUAL) - Changed default - Probe Predefined Current Probe (RSSCOPE_ATTR_PROBE_PREDEFINED_CURRENT_PROBE) - ZC30 added. - Trigger Input Probe Micro Button Action (RSSCOPE_ATTR_TRIGGER_PROBE_MICRO_BUTTON_ACTION) - New values. - Channel Bandwidth Limit (RSSCOPE_ATTR_CHANNEL_BANDWIDTH_LIMIT) - Values removed. - Trigger Type (RSSCOPE_ATTR_TRIGGER_TYPE) - Analog edge added. - Interval Polarity (RSSCOPE_ATTR_INTERVAL_POLARITY) - Command changed

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		<ul style="list-style-type: none"> - Protocol USB Trigger Type (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TYPE) - Reset command string changed. - Cursor X Position (RSSCOPE_ATTR_CURSOR_X_POSITION) - Range changed. - Jitter Clock Measurement Cycle Offset (RSSCOPE_ATTR_JITTER_CLOCK_MEASUREMENT_CYCLE_OFFSET) - Command changed from MEASurement:JITTer:COFFset - Spectrum Noise Reject (RSSCOPE_ATTR_SPECTRUM_NOISE_REJECT) - Changed command form NRE to THR. - Spectrum Peak Excursion (RSSCOPE_ATTR_SPECTRUM_PEAK_EXCURSION) - Changed command form NRE to THR. - Gating Relative Start (RSSCOPE_ATTR_GATING_RELATIVE_START) - Range added. - Gating Relative Stop (RSSCOPE_ATTR_GATING_RELATIVE_STOP) - Range changed. - User Reference Relative Upper Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_UPPER_LEVEL) - Range. - User Reference Relative Middle Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_MIDDLE_LEVEL) - Range. - User Reference Relative Lower Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_LOWER_LEVEL) - Range - Math Acquired Waveforms (RSSCOPE_ATTR_MATH_ACQUIRED_WAVEFORMS) - Command changed. - FFT Magnitude Unit (RSSCOPE_ATTR_FFT_MAGNITUDE_UNIT) - New values. - FFT Gate Relative Start (RSSCOPE_ATTR_FFT_GATE_RELATIVE_START) - Range added. - FFT Gate Relative Stop (RSSCOPE_ATTR_FFT_GATE_RELATIVE_STOP) - Range added. - Search Trigger Interval Polarity (RSSCOPE_ATTR_SEARCH_TRIGGER_INTERVAL_POLARITY) - Command changed. - Search CAN Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_CAN_START_OF_FRAME_ENABLED) - Command long form updated. - Search FlexRay Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_FLEXRAY_START_OF_FRAME_ENABLED) - Command long form updated. - Protocol Type (RSSCOPE_ATTR_PROTOCOL_TYPE) - New values. - Protocol CAN Sample Point Abs (RSSCOPE_ATTR_PROTOCOL_CAN_SAMPLE_POINT_ABS) - Range added. - Power Current Harmonics EN Frequency (RSSCOPE_ATTR_POWER_CURRENT_HARMONICS_EN_FREQUENCY) - Only values F400 and F60 remains. - Power Current Harmonics DO Frequency (RSSCOPE_ATTR_POWER_CURRENT_HARMONICS_DO_FREQUENCY) - Only values F400 and F60 remains. - Power Ripple Frequency (RSSCOPE_ATTR_POWER_RIPPLE_FREQUENCY) - Range changed - Transient Response Trigger Level (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_LEVEL) - Changed range. - Transient Response Tube Tolerance (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TUBE_TOLERANCE) - Min changed. - Transient Response Signal High (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_HIGH) - Range changed - Transient Response Signal Low

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		<p>(RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_LOW) - Range changed.</p> <ul style="list-style-type: none"> - CDR Software Bit Rate (RSSCOPE_ATTR_CDR_SOFTWARE_BIT_RATE) - Min changed. - ID Query Response (RSSCOPE_ATTR_ID_QUERY_RESPONSE) - SCPI Command added, changed to read-only. <p>* Modified Range Tables:</p> <ul style="list-style-type: none"> - rsscope_rngTriggerType.RSSCOPE_VAL_DATA_TO_CLOCK_TRIGGER - RSSCOPE_ATTR_TRIGGER_TYPE <ul style="list-style-type: none"> Description changed ("Data to Clock", "Data2Clock") - rsscope_rngTriggerType - RSSCOPE_ATTR_TRIGGER_TYPE <ul style="list-style-type: none"> New items: RSSCOPE_VAL_ANALOG_EDGE_TRIGGER - rsscope_rngPct - RSSCOPE_ATTR_HISTOGRAM_PROBABILITY_LIMIT, RSSCOPE_ATTR_SPECTRUM_N_DB_DOWN, RSSCOPE_ATTR_SPECTRUM_NOISE_REJECT, RSSCOPE_ATTR_SPECTRUM_PEAK_EXCURSION, RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_UPPER_LEVEL, RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_MIDDLE_LEVEL, RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_LOWER_LEVEL, RSSCOPE_ATTR_TUBE_RELATIVE_OUTER_DISTANCE, RSSCOPE_ATTR_SIGNAL_STYLE_INTENSITY <ul style="list-style-type: none"> Range changed to <-100;200> - rsscope_rngHorzRecordLength - RSSCOPE_ATTR_HORZ_RECORD_LENGTH, RSSCOPE_ATTR_HORZ_RECORD_LENGTH_LIMIT <ul style="list-style-type: none"> Range changed to <1000;800000000> - rsscope_rngProbeButtonAction - RSSCOPE_ATTR_PROBE_MICRO_BUTTON_ACTION, RSSCOPE_ATTR_TRIGGER_PROBE_MICRO_BUTTON_ACTION <ul style="list-style-type: none"> New items: RSSCOPE_VAL_PROBE_BUTTON_PRINT, RSSCOPE_VAL_PROBE_BUTTON_SAVE_TO_FILE, RSSCOPE_VAL_PROBE_BUTTON_REPORT - rsscope_rngProtocolType - RSSCOPE_ATTR_PROTOCOL_TYPE <ul style="list-style-type: none"> New items: RSSCOPE_VAL_DPHY, RSSCOPE_VAL_SWIRE - rsscope_rngProtocolSPITriggerType.RSSCOPE_VAL_SPI_TRIGGER_MOMI - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_MODE <ul style="list-style-type: none"> Description changed ("MOSI/MISO", "MOMI") - rsscope_rngProtocolUARTParity.RSSCOPE_VAL_UART_SPACE - RSSCOPE_ATTR_PROTOCOL_UART_PARITY <ul style="list-style-type: none"> Description changed ("Space", "SPC") - rsscope_rngProtocolUARTParity.RSSCOPE_VAL_UART_DC - RSSCOPE_ATTR_PROTOCOL_UART_PARITY <ul style="list-style-type: none"> Description changed ("Don't Care", "DC") - rsscope_rngProtocolUARTLine.RSSCOPE_VAL_UART_RX - RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_SOURCE <ul style="list-style-type: none"> Description changed ("Rx", "Receiver") - rsscope_rngProtocolUARTLine.RSSCOPE_VAL_UART_TX - RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_SOURCE <ul style="list-style-type: none"> Description changed ("Tx", "Transmitter") - rsscope_rngProtocolUARTDataPosition.RSSCOPE_VAL_UART_TRIGGER_NEQUAL - RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION

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		<p>Description changed ("Not Equal", "Not equal")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolUARTDataPosition.RSSCOPE_VAL_UART_TRIGGER_GREATER - RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION <p>Description changed ("Greater Than", ">")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolUARTDataPosition.RSSCOPE_VAL_UART_TRIGGER_INRANGE - RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION <p>Description changed ("In Range", "In range")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolLINTechnology.RSSCOPE_VAL_LIN_V6 - RSSCOPE_ATTR_PROTOCOL_LIN_TECHNOLOGY <p>Command changed ("V6", "V25")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolLINTechnology.RSSCOPE_VAL_LIN_V25 - RSSCOPE_ATTR_PROTOCOL_LIN_TECHNOLOGY <p>Command changed ("V25", "V6")</p> <ul style="list-style-type: none"> - rsscope_rngProtocolLINTrigger.RSSCOPE_VAL_LIN_FRAME_START - RSSCOPE_ATTR_PROTOCOL_LIN_TRIGGER_MODE, RSSCOPE_ATTR_SEARCH_LIN_MODE <p>Description changed ("Start of Frame", "Start of Frame (Sync)")</p> <ul style="list-style-type: none"> - rsscope_rngEnvelopeType.RSSCOPE_VAL_ENVELOPE_MIN - RSSCOPE_ATTR_ENVELOPE_SELECTION <p>Description changed ("Minimum", "Min")</p> <ul style="list-style-type: none"> - rsscope_rngEnvelopeType.RSSCOPE_VAL_ENVELOPE_MAX - RSSCOPE_ATTR_ENVELOPE_SELECTION <p>Description changed ("Maximum", "Max")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_ANY - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Help changed ("Any", "")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_EQ - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Help changed ("Equal", "")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_EQ - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Description changed ("=", "Equal")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_NEQ - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Help changed ("Not Equal", "")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_NEQ - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Description changed ("!=", "Not Equal")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_GE - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Help changed ("Greather Than", "")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_GE - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION <p>Description changed (">=", "Greather Than")</p> <ul style="list-style-type: none"> - rsscope_rngSPIPositionCondition.RSSCOPE_VAL_SPI_COND_RAN - RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_POSITION_CONDITION

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		<p>Help changed ("In Range", "")</p> <ul style="list-style-type: none"> - rsscope_rngFlexRayTriggerType.RSSCOPE_VAL_FLEXRAY_FRAME_START - RSSCOPE_ATTR_PROTOCOL_FLEXRAY_TRIGGER_TYPE <ul style="list-style-type: none"> Description changed ("Start of Frame", "Start of Frame (Sync)") - rsscope_rngProtocolLINTriggerCRCStandard.RSSCOPE_VAL_LIN_CRC_STANDARD_AUTO - RSSCOPE_ATTR_PROTOCOL_LIN_TRIGGER_CRC_STANDARD, RSSCOPE_ATTR_SEARCH_LIN_CRC_STANDARD <ul style="list-style-type: none"> Description changed ("Auto", "AUTO") - rsscope_rngMathAcquiredWaveforms - RSSCOPE_ATTR_MATH_ACQUIRED_WAVEFORMS <ul style="list-style-type: none"> Range changed to <2;16777215> - rsscope_rngIQInputMode.RSSCOPE_VAL_IQ_INPUT_TYPE_RFIF - RSSCOPE_ATTR_IQ_INPUT_MODE <ul style="list-style-type: none"> Description changed ("Intermediate Frequency", "Intermediate Frequency (RFIF)") - RsScope_rngPowerQualityFrequency.RSSCOPE_VAL_POWER_QUALITY_CUS - RSSCOPE_ATTR_POWER_QUALITY_FREQUENCY <ul style="list-style-type: none"> Help changed ("Custom", "CUS") - RsScope_rngPowerQualityFrequency.RSSCOPE_VAL_POWER_QUALITY_CUS - RSSCOPE_ATTR_POWER_QUALITY_FREQUENCY <ul style="list-style-type: none"> Description changed ("Custom", "CUS") - RsScope_rngManchesterNRZThresholdPreset.RSSCOPE_VAL_MANCHESTER_NRZ_THRESHOLD_V05 - RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_PRESET, RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_PRESET <ul style="list-style-type: none"> Description changed ("0.5 V", "V05") - RsScope_rngManchesterNRZThresholdPreset.RSSCOPE_VAL_MANCHESTER_NRZ_THRESHOLD_V2 - RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_PRESET, RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_PRESET <ul style="list-style-type: none"> Description changed ("2 V", "V2") - RsScope_rngManchesterNRZThresholdPreset.RSSCOPE_VAL_MANCHESTER_NRZ_THRESHOLD_V5 - RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_PRESET, RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_PRESET <ul style="list-style-type: none"> Description changed ("5 V", "V5") - RsScope_rngManchesterNRZThresholdPreset.RSSCOPE_VAL_MANCHESTER_NRZ_THRESHOLD_V7 - RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_PRESET, RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_PRESET <ul style="list-style-type: none"> Description changed ("7 V", "V7") - rsscope_rngProtocolIndexCondition.RSSCOPE_VAL_COND_IN - RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_DATA_INDEX_CONDITION, RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_INDEX_CONDITION, RSSCOPE_ATTR_SEARCH_MIL1553_DATA_INDEX_CONDITION, RSSCOPE_ATTR_SEARCH_RFFE_INDEX_CONDITION <ul style="list-style-type: none"> Description changed ("In Range", "In range")
2.70.0	11/2015	* Support for RTO & RTE version 2.70

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		<ul style="list-style-type: none"> * New Subsystems <ul style="list-style-type: none"> - Search Subsystem in LIN protocol - Search Subsystem in I2C protocol - 8B10B - SENT - Manchester NRZ * New: <ul style="list-style-type: none"> - rsscope Probe Use Auto Zero.vi - rsscope Configure Probe Zero Adjust Value.vi - rsscope Probe Save To Probe.vi - rsscope Configure Serial Bus Source.vi - rsscope Configure Event Trigger.vi - rsscope Configure Display Message.vi - rsscope Configure Cursor Threshold.vi - rsscope Configure Spectrum Peak Excursion.vi - rsscope Fetch Spectrum Harmonics Results Number.vi * Modified: <ul style="list-style-type: none"> - rsscope Configure Time Base.vi - scale range changed - rsscope Configure Acquisition Time.vi - tange changed - rsscope Configure Channel Bandwidth.vi - Some values removed - rsscope Configure Probe Attenuation.vi - attenuation range changed - rsscope Configure Probe Gain.vi - default value changed - rsscope Configure Current Probe Predefined.vi - ZC30 added - rsscope Configure Current Trigger Input Probe Predefined.vi - ZC30 added - rsscope Configure Interval Trigger Source.vi - command changed for polarity - rsscope Configure Serial Bus Trigger Source.vi - new protocols - rsscope Configure Jitter Clock Measurement Cycle Offset.vi - command changed - rsscope Configure Spectrum Settings.vi - noise reject command changed - rsscope Configure Gate Definition Start Stop.vi - another attributes used - rsscope Configure Interval Trigger Search.vi - command changed for polarity - rsscope Configure CAN Sample Point Absolute.vi - ranges changed - rsscope Configure FFT Magnitude.vi - new units - rsscope Configure FFT Gate Definition Start Stop.vi - another attributes used - rsscope Power Ripple Settings.vi - frequency range changed - rsscope Transient Response Trigger.vi - level range changed - rsscope Transient Response Settings.vi - signal, tube tolerance range changed - rsscope Configure CDR Software.vi - bit range minimum changed * New attributes: <ul style="list-style-type: none"> - Probe Degauss (RSSCOPE_ATTR_PROBE_DEGAUSS) - Probe Use Auto Zero (RSSCOPE_ATTR_PROBE_USE_AUTO_ZERO)

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		<ul style="list-style-type: none"> - Probe Zero Adjust Value (RSSCOPE_ATTR_PROBE_ZERO_ADJUST_VALUE) - Probe Save To Probe (RSSCOPE_ATTR_PROBE_SAVE_TO_PROBE) - Trigger Serial Bus Source (RSSCOPE_ATTR_TRIGGER_SERIAL_BUS_SOURCE) - Trigger Event Beep (RSSCOPE_ATTR_TRIGGER_EVENT_BEEP) - Trigger Event Print (RSSCOPE_ATTR_TRIGGER_EVENT_PRINT) - Trigger Event Save Waveform (RSSCOPE_ATTR_TRIGGER_EVENT_SAVE_WAVEFORM) - Manchester NRZ Trigger Type (RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_TYPE) - Manchester NRZ Trigger Data Pattern (RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_DATA_PATTERN) - Manchester NRZ Trigger Index Condition (RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_INDEX_CONDITION) - Manchester NRZ Trigger Index Min (RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_INDEX_MIN) - Manchester NRZ Trigger Index Max (RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_INDEX_MAX) - NRZ Trigger Word Length (RSSCOPE_ATTR_NRZ_TRIGGER_WORD_LENGTH) - SENT Trigger Type (RSSCOPE_ATTR_SENT_TRIGGER_TYPE) - SENT Trigger Transmission Sequence Type (RSSCOPE_ATTR_SENT_TRIGGER_TRANSMISSION_SEQUENCE_TYPE) - SENT Trigger Transmission Sequence Status (RSSCOPE_ATTR_SENT_TRIGGER_TRANSMISSION_SEQUENCE_STATUS) - SENT Trigger Transmission Sequence Condition (RSSCOPE_ATTR_SENT_TRIGGER_TRANSMISSION_SEQUENCE_CONDITION) - SENT Trigger Transmission Sequence Data Min (RSSCOPE_ATTR_SENT_TRIGGER_TRANSMISSION_SEQUENCE_DATA_MIN) - SENT Trigger Transmission Sequence Data Max (RSSCOPE_ATTR_SENT_TRIGGER_TRANSMISSION_SEQUENCE_DATA_MAX) - SENT Trigger Serial Message Type (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_TYPE) - SENT Trigger Serial Message ID Type (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_ID_TYPE) - SENT Trigger Serial Message ID Condition (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_ID_CONDITION) - SENT Trigger Serial Message ID Min (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_ID_MIN) - SENT Trigger Serial Message ID Max (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_ID_MAX) - SENT Trigger Serial Message Data Condition (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_DATA_CONDITION) - SENT Trigger Serial Message Data Min (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_DATA_MIN) - SENT Trigger Serial Message Data Max (RSSCOPE_ATTR_SENT_TRIGGER_SERIAL_MESSAGE_DATA_MAX) - Protocol SENT Trigger Form Error (RSSCOPE_ATTR_PROTOCOL_SENT_TRIGGER_FORM_ERROR) - Protocol SENT Trigger Calibration Pulse Error (RSSCOPE_ATTR_PROTOCOL_SENT_TRIGGER_CALIBRATION_PULSE_ERROR) - Protocol SENT Trigger Pulse Period Error

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		<p>(RSSCOPE_ATTR_PROTOCOL_SENT_TRIGGER_PULSE_PERIOD_ERROR)</p> <ul style="list-style-type: none"> - Protocol SENT Trigger CRC Error (RSSCOPE_ATTR_PROTOCOL_SENT_TRIGGER_CRC_ERROR) - Protocol SENT Trigger Irregular Frame Length Error (RSSCOPE_ATTR_PROTOCOL_SENT_TRIGGER_IRREGULAR_FRAME_LENGTH_ERROR) - Cursor Threshold (RSSCOPE_ATTR_CURSOR_THRESHOLD) - Spectrum Peak Excursion (RSSCOPE_ATTR_SPECTRUM_PEAK_EXCURSION) - Statistics Number Of Bins (RSSCOPE_ATTR_STATISTICS_NUMBER_OF_BINS) - Spectrum Measurement Harmonics Results Number (RSSCOPE_ATTR_SPECTRUM_MEASUREMENT_HARMONICS_RESULTS_NUMBER) - Search I2C Mode (RSSCOPE_ATTR_SEARCH_I2C_MODE) - Search I2C Criteria Start (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_START) - Search I2C Criteria Repeated Start (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_REPEATED_START) - Search I2C Criteria Stop (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_STOP) - Search I2C Criteria Nack (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_NACK) - Search I2C Criteria Address (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_ADDRESS) - Search I2C Criteria Address OR (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_ADDRESS_OR) - Search I2C Criteria Address Data (RSSCOPE_ATTR_SEARCH_I2C_CRITERIA_ADDRESS_DATA) - Search I2C Adress Nack (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_NACK) - Search I2C Data Write Nack (RSSCOPE_ATTR_SEARCH_I2C_DATA_WRITE_NACK) - Search I2C Data Read Nack (RSSCOPE_ATTR_SEARCH_I2C_DATA_READ_NACK) - Search I2C Access Bit (RSSCOPE_ATTR_SEARCH_I2C_ACCESS_BIT) - Search I2C Address Type (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_TYPE) - Search I2C Address Condition (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_CONDITION) - Search I2C Address Min (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_MIN) - Search I2C Address Max (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_MAX) - Search I2C Position Condition (RSSCOPE_ATTR_SEARCH_I2C_POSITION_CONDITION) - Search I2C Position Min (RSSCOPE_ATTR_SEARCH_I2C_POSITION_MIN) - Search I2C Position Max (RSSCOPE_ATTR_SEARCH_I2C_POSITION_MAX) - Search I2C Data Condition (RSSCOPE_ATTR_SEARCH_I2C_DATA_CONDITION) - Search I2C Pattern Min (RSSCOPE_ATTR_SEARCH_I2C_PATTERN_MIN) - Search I2C Pattern Max (RSSCOPE_ATTR_SEARCH_I2C_PATTERN_MAX) - Search I2C Address OR State (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_OR_STATE) - Search I2C Address OR Type (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_OR_TYPE) - Search I2C Address OR Access Bit (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_OR_ACCESS_BIT) - Search I2C Address OR (RSSCOPE_ATTR_SEARCH_I2C_ADDRESS_OR) - Search I2C Frame Count (RSSCOPE_ATTR_SEARCH_I2C_FRAME_COUNT) - Search LIN Mode (RSSCOPE_ATTR_SEARCH_LIN_MODE) - Search LIN Criteria Start Of Frame (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_START_OF_FRAME) - Search LIN Criteria Identifier (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_IDENTIFIER) - Search LIN Criteria Identifier OR (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_IDENTIFIER_OR) - Search LIN Criteria Identifier Data (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_IDENTIFIER_DATA) - Search LIN Criteria Wakeup Frame (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_WAKEUP_FRAME)

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		<ul style="list-style-type: none"> - Search LIN Criteria Error Condition (RSSCOPE_ATTR_SEARCH_LIN_CRITERIA_ERROR_CONDITION) - Search LIN Condition Data (RSSCOPE_ATTR_SEARCH_LIN_CONDITION_DATA) - Search LIN Pattern Data Min (RSSCOPE_ATTR_SEARCH_LIN_PATTERN_DATA_MIN) - Search LIN Pattern Data Max (RSSCOPE_ATTR_SEARCH_LIN_PATTERN_DATA_MAX) - Search LIN Data Length Condition (RSSCOPE_ATTR_SEARCH_LIN_DATA_LENGTH_CONDITION) - Search LIN Data Length (RSSCOPE_ATTR_SEARCH_LIN_DATA_LENGTH) - Search LIN Data Transfer (RSSCOPE_ATTR_SEARCH_LIN_DATA_TRANSFER) - Search LIN Identifier Condition (RSSCOPE_ATTR_SEARCH_LIN_IDENTIFIER_CONDITION) - Search LIN Pattern Identifier Min (RSSCOPE_ATTR_SEARCH_LIN_PATTERN_IDENTIFIER_MIN) - Search LIN Pattern Identifier Max (RSSCOPE_ATTR_SEARCH_LIN_PATTERN_IDENTIFIER_MAX) - Search LIN Address OR State (RSSCOPE_ATTR_SEARCH_LIN_ADDRESS_OR_STATE) - Search LIN Address OR (RSSCOPE_ATTR_SEARCH_LIN_ADDRESS_OR) - Search LIN Checksum Error (RSSCOPE_ATTR_SEARCH_LIN_CHECKSUM_ERROR) - Search LIN CRC Error Pattern (RSSCOPE_ATTR_SEARCH_LIN_CRC_ERROR_PATTERN) - Search LIN CRC Error Data Length (RSSCOPE_ATTR_SEARCH_LIN_CRC_ERROR_DATA_LENGTH) - Search LIN CRC Standard (RSSCOPE_ATTR_SEARCH_LIN_CRC_STANDARD) - Search LIN Identifier Parity Error (RSSCOPE_ATTR_SEARCH_LIN_IDENTIFIER_PARITY_ERROR) - Search LIN Sync Error (RSSCOPE_ATTR_SEARCH_LIN_SYNC_ERROR) - Search LIN Frame Count (RSSCOPE_ATTR_SEARCH_LIN_FRAME_COUNT) - Search EbTb Type (RSSCOPE_ATTR_SEARCH_EBTB_TYPE) - Search EbTb Disparity Error (RSSCOPE_ATTR_SEARCH_EBTB_DISPARITY_ERROR) - Search EbTb Glitching Error (RSSCOPE_ATTR_SEARCH_EBTB_GLITCHING_ERROR) - Search EbTb Unknown Symbol Error (RSSCOPE_ATTR_SEARCH_EBTB_UNKNOWN_SYMBOL_ERROR) - Search EbTb Symbol Type (RSSCOPE_ATTR_SEARCH_EBTB_SYMBOL_TYPE) - Search EbTb Symbol Format (RSSCOPE_ATTR_SEARCH_EBTB_SYMBOL_FORMAT) - Search EbTb KD Code Symbol (RSSCOPE_ATTR_SEARCH_EBTB_KD_CODE_SYMBOL) - Search EbTb Dx (RSSCOPE_ATTR_SEARCH_EBTB_DX) - Search EbTb Dy (RSSCOPE_ATTR_SEARCH_EBTB_DY) - Search EBTB Eight Bit Pattern (RSSCOPE_ATTR_SEARCH_EBTB_EIGHT_BIT_PATTERN) - Search EBTB Ten Bit Pattern (RSSCOPE_ATTR_SEARCH_EBTB_TEN_BIT_PATTERN) - Search EBTB Expression (RSSCOPE_ATTR_SEARCH_EBTB_EXPRESSION) - Search EbTb Symbol Count (RSSCOPE_ATTR_SEARCH_EBTB_SYMBOL_COUNT) - Search SENT Type (RSSCOPE_ATTR_SEARCH_SENT_TYPE) - Search SENT Calibration Enabled (RSSCOPE_ATTR_SEARCH_SENT_CALIBRATION_ENABLED) - Search SENT Transmission Sequence Enabled (RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_ENABLED) - Search SENT Transmission Sequence Type (RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_TYPE) - Search SENT Transmission Sequence Status (RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_STATUS) - Search SENT Transmission Sequence Condition

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		<p>(RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_CONDITION)</p> <ul style="list-style-type: none"> - Search SENT Transmission Sequence Data Min <p>(RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_DATA_MIN)</p> <ul style="list-style-type: none"> - Search SENT Transmission Sequence Data Max <p>(RSSCOPE_ATTR_SEARCH_SENT_TRANSMISSION_SEQUENCE_DATA_MAX)</p> <ul style="list-style-type: none"> - Search SENT Serial Message Enabled <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_ENABLED)</p> <ul style="list-style-type: none"> - Search SENT Serial Message Type (RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_TYPE) - Search SENT Serial Message ID Type <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_ID_TYPE)</p> <ul style="list-style-type: none"> - Search SENT Serial Message ID Condition <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_ID_CONDITION)</p> <ul style="list-style-type: none"> - Search SENT Serial Message ID Min <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_ID_MIN)</p> <ul style="list-style-type: none"> - Search SENT Serial Message ID Max <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_ID_MAX)</p> <ul style="list-style-type: none"> - Search SENT Serial Message Data Condition <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_DATA_CONDITION)</p> <ul style="list-style-type: none"> - Search SENT Serial Message Data Min <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_DATA_MIN)</p> <ul style="list-style-type: none"> - Search SENT Serial Message Data Max <p>(RSSCOPE_ATTR_SEARCH_SENT_SERIAL_MESSAGE_DATA_MAX)</p> <ul style="list-style-type: none"> - Search SENT Error Enabled (RSSCOPE_ATTR_SEARCH_SENT_ERROR_ENABLED) - Search SENT Form Error (RSSCOPE_ATTR_SEARCH_SENT_FORM_ERROR) - Search SENT Calibration Pulse Error <p>(RSSCOPE_ATTR_SEARCH_SENT_CALIBRATION_PULSE_ERROR)</p> <ul style="list-style-type: none"> - Search SENT Pulse Period Error (RSSCOPE_ATTR_SEARCH_SENT_PULSE_PERIOD_ERROR) - Search SENT CRC Error (RSSCOPE_ATTR_SEARCH_SENT_CRC_ERROR) - Search SENT Irregular Frame Length Error <p>(RSSCOPE_ATTR_SEARCH_SENT_IRREGULAR_FRAME_LENGTH_ERROR)</p> <ul style="list-style-type: none"> - Search SENT Frame Count (RSSCOPE_ATTR_SEARCH_SENT_FRAME_COUNT) - Protocol Manchester NRZ Coding Standard <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CODING_STANDARD)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Bitrate Enabled <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_BITRATE_ENABLED)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Bitrate (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_BITRATE) - Protocol Manchester NRZ Gap Time Enabled <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_GAP_TIME_ENABLED)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Gap Time <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_GAP_TIME)</p> <ul style="list-style-type: none"> - Protocol Manchester Data Source (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_DATA_SOURCE) - Protocol Manchester Polarity (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_POLARITY) - Protocol Manchester Clock Phase (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_CLOCK_PHASE) - Protocol Manchester Threshold Low <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_LOW)</p> <ul style="list-style-type: none"> - Protocol Manchester Threshold High

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		<ul style="list-style-type: none"> (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_HIGH) <ul style="list-style-type: none"> - Protocol Manchester Threshold Preset (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_PRESET) <ul style="list-style-type: none"> - Protocol Manchester Threshold Coupling (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_THRESHOLD_COUPLING) <ul style="list-style-type: none"> - Protocol NRZ Data Source (RSSCOPE_ATTR_PROTOCOL_NRZ_DATA_SOURCE) - Protocol NRZ Clock Source (RSSCOPE_ATTR_PROTOCOL_NRZ_CLOCK_SOURCE) - Protocol NRZ Polarity (RSSCOPE_ATTR_PROTOCOL_NRZ_POLARITY) - Protocol NRZ Idle Polarity Unclocked (RSSCOPE_ATTR_PROTOCOL_NRZ_IDLE_POLARITY_UNCLOCKED) <ul style="list-style-type: none"> - Protocol NRZ Idle Polarity Clocked (RSSCOPE_ATTR_PROTOCOL_NRZ_IDLE_POLARITY_CLOCKED) <ul style="list-style-type: none"> - Protocol NRZ Clock Phase (RSSCOPE_ATTR_PROTOCOL_NRZ_CLOCK_PHASE) - Protocol NRZ Threshold Clock (RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_CLOCK) - Protocol NRZ Threshold Data (RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_DATA) - Protocol NRZ Threshold Preset (RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_PRESET) - Protocol NRZ Threshold Coupling (RSSCOPE_ATTR_PROTOCOL_NRZ_THRESHOLD_COUPLING) - Protocol Manchester NRZ Selected Frame (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_SELECTED_FRAME) <ul style="list-style-type: none"> - Protocol Manchester NRZ Frame Count (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_FRAME_COUNT) <ul style="list-style-type: none"> - Protocol Manchester NRZ Frame Type (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_FRAME_TYPE) <ul style="list-style-type: none"> - Protocol Manchester NRZ Add Frame (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_ADD_FRAME) <ul style="list-style-type: none"> - Protocol Manchester NRZ Frame Clear (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_FRAME_CLEAR) <ul style="list-style-type: none"> - Protocol Manchester NRZ Frame Open Description (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_FRAME_OPEN_DESCRIPTION) <ul style="list-style-type: none"> - Protocol Manchester NRZ Frame Save Description (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_FRAME_SAVE_DESCRIPTION) <ul style="list-style-type: none"> - Protocol Manchester NRZ Selected Cell (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_SELECTED_CELL) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Count (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_COUNT) <ul style="list-style-type: none"> - Protocol Manchester NRZ Add Cell (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_ADD_CELL) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Name (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_NAME) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Bit Count (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_BIT_COUNT) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Condition (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_CONDITION) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Format (RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_FORMAT) <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Bit Order

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		<p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_BIT_ORDER)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Color <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_COLOR)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Cell Result Column <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_CELL_RESULT_COLUMN)</p> <ul style="list-style-type: none"> - Protocol Manchester NRZ Result Count <p>(RSSCOPE_ATTR_PROTOCOL_MANCHESTER_NRZ_RESULT_COUNT)</p> <ul style="list-style-type: none"> - Protocols EbTb Signal Type (RSSCOPE_ATTR_PROTOCOLS_EBTB_SIGNAL_TYPE) - Protocols EbTb Differential Source <p>(RSSCOPE_ATTR_PROTOCOLS_EBTB_DIFFERENTIAL_SOURCE)</p> <ul style="list-style-type: none"> - Protocols EbTb D Plus Source (RSSCOPE_ATTR_PROTOCOLS_EBTB_D_PLUS_SOURCE) - Protocols EbTb D Minus Source (RSSCOPE_ATTR_PROTOCOLS_EBTB_D_MINUS_SOURCE) - Protocols EbTb Full AutoSet (RSSCOPE_ATTR_PROTOCOLS_EBTB_FULL_AUTOSET) - Protocols EbTb Differential Threshold High <p>(RSSCOPE_ATTR_PROTOCOLS_EBTB_DIFFERENTIAL_THRESHOLD_HIGH)</p> <ul style="list-style-type: none"> - Protocols EbTb Differential Threshold Low <p>(RSSCOPE_ATTR_PROTOCOLS_EBTB_DIFFERENTIAL_THRESHOLD_LOW)</p> <ul style="list-style-type: none"> - Protocols EbTb Threshold D Plus (RSSCOPE_ATTR_PROTOCOLS_EBTB_THRESHOLD_D_PLUS) - Protocols EbTb Threshold D Minus (RSSCOPE_ATTR_PROTOCOLS_EBTB_THRESHOLD_D_MINUS) - Protocols EbTb Bitrate (RSSCOPE_ATTR_PROTOCOLS_EBTB_BITRATE) - Protocols EbTb Bitrate Determination <p>(RSSCOPE_ATTR_PROTOCOLS_EBTB_BITRATE_DETERMINATION)</p> <ul style="list-style-type: none"> - Protocols EbTb SW CDR Bitrate (RSSCOPE_ATTR_PROTOCOLS_EBTB_SW_CDR_BITRATE) - Protocols EbTb Sync Symbol (RSSCOPE_ATTR_PROTOCOLS_EBTB_SYNC_SYMBOL) - Protocols EbTb Pattern (RSSCOPE_ATTR_PROTOCOLS_EBTB_PATTERN) - Protocols EbTb Second Pattern Enabled <p>(RSSCOPE_ATTR_PROTOCOLS_EBTB_SECOND_PATTERN_ENABLED)</p> <ul style="list-style-type: none"> - Protocols EbTb Second Pattern (RSSCOPE_ATTR_PROTOCOLS_EBTB_SECOND_PATTERN) - Protocols EbTb Display Format (RSSCOPE_ATTR_PROTOCOLS_EBTB_DISPLAY_FORMAT) - Protocol EbTb Symbol Count (RSSCOPE_ATTR_PROTOCOL_EBTB_SYMBOL_COUNT) - Protocol SENT Data Source (RSSCOPE_ATTR_PROTOCOL_SENT_DATA_SOURCE) - Protocol SENT Threshold (RSSCOPE_ATTR_PROTOCOL_SENT_THRESHOLD) - Protocol SENT Technology (RSSCOPE_ATTR_PROTOCOL_SENT_TECHNOLOGY) - Protocol SENT Clock Period (RSSCOPE_ATTR_PROTOCOL_SENT_CLOCK_PERIOD) - Protocol SENT Clock Tolerance (RSSCOPE_ATTR_PROTOCOL_SENT_CLOCK_TOLERANCE) - Protocol SENT Data Nibbles (RSSCOPE_ATTR_PROTOCOL_SENT_DATA_NIBBLES) - Protocol SENT Serial Format (RSSCOPE_ATTR_PROTOCOL_SENT_SERIAL_FORMAT) - Protocol SENT CRC Version (RSSCOPE_ATTR_PROTOCOL_SENT_CRC_VERSION) - Protocol SENT CRC Calculation (RSSCOPE_ATTR_PROTOCOL_SENT_CRC_CALCULATION) - Protocol SENT Pause Pulse (RSSCOPE_ATTR_PROTOCOL_SENT_PAUSE_PULSE) - Protocol SENT Frame Length (RSSCOPE_ATTR_PROTOCOL_SENT_FRAME_LENGTH) - Protocol SENT Result Display (RSSCOPE_ATTR_PROTOCOL_SENT_RESULT_DISPLAY) - Protocol SENT Frame Count (RSSCOPE_ATTR_PROTOCOL_SENT_FRAME_COUNT)

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		<ul style="list-style-type: none"> - Display Message Enabled (RSSCOPE_ATTR_DISPLAY_MESSAGE_ENABLED) - Display Message Text (RSSCOPE_ATTR_DISPLAY_MESSAGE_TEXT) - Process All Previous Commands (RSSCOPE_ATTR_PROCESS_ALL_PREVIOUS_COMMANDS) * Deleted attributes: - Stop Command Processing (RSSCOPE_ATTR_STOP_COMMAND_PROCESSING) * Modified attributes: - Horizontal Time Per Record (RSSCOPE_ATTR_HORZ_TIME_PER_RECORD) - Range changed. - Horizontal Scale (RSSCOPE_ATTR_HORZ_SCALE) - Range changed. - Probe Attenuation Manual (RSSCOPE_ATTR_PROBE_ATTENUATION_MANUAL) - Range changed. - Probe Gain Manual (RSSCOPE_ATTR_PROBE_GAIN_MANUAL) - Changed default - Probe Predefined Current Probe (RSSCOPE_ATTR_PROBE_PREDEFINED_CURRENT_PROBE) - ZC30 added. - Channel Bandwidth Limit (RSSCOPE_ATTR_CHANNEL_BANDWIDTH_LIMIT) - Values removed. - Interval Polarity (RSSCOPE_ATTR_INTERVAL_POLARITY) - Command changed - Protocol USB Trigger Type (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TYPE) - Reset command string changed. - Jitter Clock Measurement Cycle Offset (RSSCOPE_ATTR_JITTER_CLOCK_MEASUREMENT_CYCLE_OFFSET) - Command changed from MEASurement:JITTer:COFFset - Spectrum Noise Reject (RSSCOPE_ATTR_SPECTRUM_NOISE_REJECT) - Changed command form NRE to THR. - Spectrum Peak Excursion (RSSCOPE_ATTR_SPECTRUM_PEAK_EXCURSION) - Changed command form NRE to THR. - Gating Relative Start (RSSCOPE_ATTR_GATING_RELATIVE_START) - Range added. - Gating Relative Stop (RSSCOPE_ATTR_GATING_RELATIVE_STOP) - Range changed. - FFT Magnitude Unit (RSSCOPE_ATTR_FFT_MAGNITUDE_UNIT) - New values. - FFT Gate Relative Start (RSSCOPE_ATTR_FFT_GATE_RELATIVE_START) - Range added. - FFT Gate Relative Stop (RSSCOPE_ATTR_FFT_GATE_RELATIVE_STOP) - Range added. - Search Trigger Interval Polarity (RSSCOPE_ATTR_SEARCH_TRIGGER_INTERVAL_POLARITY) - Command changed. - Search CAN Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_CAN_START_OF_FRAME_ENABLED) - Command long form updated. - Search FlexRay Start Of Frame Enabled (RSSCOPE_ATTR_SEARCH_FLEXRAY_START_OF_FRAME_ENABLED) - Command long form updated. - Protocol Type (RSSCOPE_ATTR_PROTOCOL_TYPE) - New values. - Protocol CAN Sample Point Abs (RSSCOPE_ATTR_PROTOCOL_CAN_SAMPLE_POINT_ABS) - Range added. - Power Ripple Frequency (RSSCOPE_ATTR_POWER_RIPPLE_FREQUENCY) - Range changed - Transient Response Trigger Level (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_LEVEL) - Changed range. - Transient Response Tube Tolerance

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		<p>(RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TUBE_TOLERANCE) - Min changed. - Transient Response Signal High (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_HIGH) - Range changed - Transient Response Signal Low (RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_LOW) - Range changed. - CDR Software Bit Rate (RSSCOPE_ATTR_CDR_SOFTWARE_BIT_RATE) - Min changed.</p> <p>* Deleted Repeated Capabilities:</p> <p>* Modified Repeated Capabilities:</p> <p>* Modified Range Tables:</p> <ul style="list-style-type: none"> - rsscope_rngHorzScale - RSSCOPE_ATTR_HORZ_SCALE <ul style="list-style-type: none"> Range changed to <25E-12;10000> - rsscope_rngHorzAcquisitionTime - RSSCOPE_ATTR_HORZ_TIME_PER_RECORD <ul style="list-style-type: none"> Range changed to <250E-12;100E+3> - rsscope_rngChannelBWLimit - RSSCOPE_ATTR_CHANNEL_BANDWIDTH_LIMIT <ul style="list-style-type: none"> Deleted items: RSSCOPE_VAL_BW_1000, RSSCOPE_VAL_BW_500 - rsscope_rngTriggerLevel - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TRIGGER_LEVEL <ul style="list-style-type: none"> Range changed to <-1000;1000> - rsscope_rngFFTMagnitudeUnit - RSSCOPE_ATTR_FFT_MAGNITUDE_UNIT <ul style="list-style-type: none"> New items: RSSCOPE_VAL_SCALE_DBPS, RSSCOPE_VAL_SCALE_DBNS, RSSCOPE_VAL_SCALE_DBUS, RSSCOPE_VAL_SCALE_DBMS, RSSCOPE_VAL_SCALE_DB, RSSCOPE_VAL_SCALE_DBHZ, RSSCOPE_VAL_SCALE_DBKHZ, RSSCOPE_VAL_SCALE_DBMHZ, RSSCOPE_VAL_SCALE_DBGHZ, RSSCOPE_VAL_SCALE_DBA, RSSCOPE_VAL_SCALE_DBMA, RSSCOPE_VAL_SCALE_DBUA - rsscope_rngProtocolType - RSSCOPE_ATTR_PROTOCOL_TYPE <ul style="list-style-type: none"> New items: RSSCOPE_VAL_CMSB, RSSCOPE_VAL_EBTB, RSSCOPE_VAL_SENT - rsscope_rngAttenuation - RSSCOPE_ATTR_PROBE_ATTENUATION_MANUAL, RSSCOPE_ATTR_TRIGGER_PROBE_ATTENUATION_MANUAL <ul style="list-style-type: none"> Range changed to <100.0e-6;10000.0> - rsscope_rngProbePredefinedCurrent - RSSCOPE_ATTR_PROBE_PREDEFINED_CURRENT_PROBE, RSSCOPE_ATTR_TRIGGER_PROBE_PREDEFINED_CURRENT_PROBE <ul style="list-style-type: none"> New items: RSSCOPE_VAL_PROBE_ZC30 - rsscope_rngCDRBitRate - RSSCOPE_ATTR_CDR_SOFTWARE_BIT_RATE <ul style="list-style-type: none"> Range changed to <100;5e+9> - RsScope_rngPowerSwitchingFrequency - RSSCOPE_ATTR_POWER_RIPPLE_FREQUENCY, RSSCOPE_ATTR_POWER_SPECTRUM_FREQUENCY, RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_FREQUENCY <ul style="list-style-type: none"> Range changed to <1.0;100.0e+9> - RsScope_rngTransientResponseTubeTolerance - <ul style="list-style-type: none"> RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_TUBE_TOLERANCE

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		<p>Range changed to <0;50></p> <ul style="list-style-type: none"> - RsScope_rngTransientResponseSignal - RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_HIGH, RSSCOPE_ATTR_POWER_TRANSIENT_RESPONSE_SIGNAL_LOW <p>Range changed to <-1000;1000></p> <ul style="list-style-type: none"> - rsscope_rngProtocolDataIndexOperator - RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_DATA_INDEX_CONDITION, RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_INDEX_CONDITION, RSSCOPE_ATTR_MANCHESTER_NRZ_TRIGGER_INDEX_CONDITION, RSSCOPE_ATTR_SEARCH_MIL1553_DATA_INDEX_CONDITION, RSSCOPE_ATTR_SEARCH_RFFE_INDEX_CONDITION <p>Deleted items: RSSCOPE_VAL_COND_LT, RSSCOPE_VAL_COND_LE, RSSCOPE_VAL_COND_GT</p> <ul style="list-style-type: none"> - rsscope_rngProtocolUSBTriggerType.RSSCOPE_VAL_USB_TRIGGER_RESET - RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TYPE <p>Command changed ("RST", "RESet")</p>
2.45.0	04/2015	<p>Support for RTO & RTE version 2.45</p> <p>New Subsystems</p> <p>High Definition</p> <p>Search Subsystem in MIL1553 protocol</p> <p>Search Subsystem in ARINC 429 protocol</p> <p>RFFE</p> <p>MDIO</p> <p>Ethernet</p> <p>USB</p> <p>New</p> <p>rsscope Configure Auto Adjustment.vi</p> <p>rsscope Configure Bus Data Format.vi</p> <p>rsscope Configure Bus Label List File.vi</p> <p>rsscope Configure CAN FD.vi</p> <p>rsscope Configure CAN Trigger Standard.vi</p> <p>rsscope Configure CAN Trigger FD Bits.vi</p> <p>rsscope Configure CAN Trigger Data Position.vi</p> <p>rsscope Configure CAN Symbolic Trigger Message.vi</p> <p>rsscope Configure CAN Symbolic Trigger Signal.vi</p> <p>rsscope Configure CAN Symbolic Trigger Signal Enum Value.vi</p> <p>rsscope Query CAN Frame FD Standard.vi</p> <p>rsscope Query CAN Frame All Symbolic Data.vi</p> <p>rsscope Configure CAN Search Symbolic.vi</p> <p>rsscope Configure CAN Search Standard.vi</p> <p>rsscope Configure CAN Search FD Bits.vi</p> <p>rsscope Configure CAN Search Data Position.vi</p>

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		<p>rsscope Configure CAN Symbolic Search Message.vi</p> <p>rsscope Configure CAN Symbolic Search Signal.vi</p> <p>rsscope Configure CAN Symbolic Search Signal Enum Value.vi</p> <p>rsscope Query CAN Search Frame Symbolic Data.vi</p> <p>rsscope Configure MIL1553 Trigger Data RTA Pattern.vi</p> <p>rsscope Configure MIL1553 Trigger Command RTA Pattern.vi</p> <p>rsscope Configure Hardcopy White Background.vi</p> <p>rsscope Query MSO Digital Resolution.vi</p> <p>rsscope Byte Order.vi</p> <p>rsscope Configure Saveset Preview Image.vi</p> <p>rsscope Query I2C Frame Data Byte Acknowledge Bit Start.vi</p> <p>rsscope Configure Hardcopy Inverse Colors.vi</p> <p>rsscope Configure Hardcopy Print Color Set.vi</p> <p>rsscope Power Ripple Current.vi</p> <p>rsscope Power Safe Operating Area Switch.vi</p> <p>Acquisition Auto Adjustment (RSSCOPE_ATTR_ACQUISITION_AUTO_ADJUSTMENT)</p> <p>High Definition Enabled (RSSCOPE_ATTR_HIGH_DEFINITION_ENABLED)</p> <p>High Definition Bandwidth (RSSCOPE_ATTR_HIGH_DEFINITION_BANDWIDTH)</p> <p>High Definition Resolution (RSSCOPE_ATTR_HIGH_DEFINITION_RESOLUTION)</p> <p>Protocol CAN Trigger Standard (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_STANDARD)</p> <p>Protocol CAN Trigger FD Bits FDF (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_FD_BITS_FDF)</p> <p>Protocol CAN Trigger FD Bits BRS (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_FD_BITS_BRS)</p> <p>Protocol CAN Trigger FD Bits ESI (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_FD_BITS_ESI)</p> <p>Protocol CAN Trigger Position Condition (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_POSITION_CONDITION)</p> <p>Protocol CAN Trigger Position Min (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_POSITION_MIN)</p> <p>Protocol CAN Trigger Position Max (RSSCOPE_ATTR_PROTOCOL_CAN_TRIGGER_POSITION_MAX)</p> <p>Protocol CAN Symbolic Trigger Message (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_MESSAGE)</p> <p>Protocol CAN Symbolic Trigger On Signal (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_ON_SIGNAL)</p> <p>Protocol CAN Symbolic Trigger Signal Value (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_SIGNAL_VALUE)</p> <p>Protocol CAN Symbolic Trigger Signal Min (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_SIGNAL_MIN)</p> <p>Protocol CAN Symbolic Trigger Signal Max (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_SIGNAL_MAX)</p> <p>Protocol CAN Symbolic Trigger Signal Enum Value (RSSCOPE_ATTR_PROTOCOL_CAN_SYMBOLIC_TRIGGER_SIGNAL_ENUM_VALUE)</p> <p>Protocol MIL1553 Trigger RTA Data Pattern Condition (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_RTA_DATA_PATTERN_CONDITION)</p> <p>Protocol MIL1553 Trigger RTA Data Pattern Min (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_RTA_DATA_PATTERN_MIN)</p> <p>Protocol MIL1553 Trigger RTA Data Pattern Max</p>

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		<p>(RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_RTA_DATA_PATTERN_MAX) Protocol MIL1553 Trigger Command RTA Pattern Condition (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_RTA_PATTERN_CONDITION)</p> <p>Protocol MIL1553 Trigger Command RTA Pattern Min (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_RTA_PATTERN_MIN)</p> <p>Protocol MIL1553 Trigger Command RTA Pattern Max (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_COMMAND_RTA_PATTERN_MAX)</p> <p>Protocol RFFE Trigger Type (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_TYPE)</p> <p>Protocol RFFE Trigger Slave Condition (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_SLAVE_CONDITION)</p> <p>Protocol RFFE Trigger Slave Min (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_SLAVE_MIN)</p> <p>Protocol RFFE Trigger Slave Max (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_SLAVE_MAX)</p> <p>Protocol RFFE Trigger Address Condition (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ADDRESS_CONDITION)</p> <p>Protocol RFFE Trigger Address Min (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ADDRESS_MIN)</p> <p>Protocol RFFE Trigger Address Max (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ADDRESS_MAX)</p> <p>Protocol RFFE Trigger Byte Count Condition (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_BYTE_COUNT_CONDITION)</p> <p>Protocol RFFE Trigger Byte Count Min (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_BYTE_COUNT_MIN)</p> <p>Protocol RFFE Trigger Byte Count Max (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_BYTE_COUNT_MAX)</p> <p>Protocol RFFE Trigger Data Condition (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_DATA_CONDITION)</p> <p>Protocol RFFE Trigger Data Min (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_DATA_MIN)</p> <p>Protocol RFFE Trigger Data Max (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_DATA_MAX)</p> <p>Protocol RFFE Trigger Index Condition (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_INDEX_CONDITION)</p> <p>Protocol RFFE Trigger Index Min (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_INDEX_MIN)</p> <p>Protocol RFFE Trigger Index Max (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_INDEX_MAX)</p> <p>Protocol RFFE Trigger Error SCC (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_SCC)</p> <p>Protocol RFFE Trigger Error Length (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_LENGTH)</p> <p>Protocol RFFE Trigger Error Bus Park (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_BUS_PARK)</p> <p>Protocol RFFE Trigger Error Parity (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_PARITY)</p> <p>Protocol RFFE Trigger Error No Response (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_NO_RESPONSE)</p> <p>Protocol RFFE Trigger Error Unknown (RSSCOPE_ATTR_PROTOCOL_RFFE_TRIGGER_ERROR_UNKNOWN)</p> <p>Protocol MDIO Trigger Type (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_TYPE)</p> <p>Protocol MDIO Trigger Start Code (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_START_CODE)</p> <p>Protocol MDIO Trigger Operation Code (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_OPERATION_CODE)</p>

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		<p>Protocol MDIO Trigger Physical Port Address (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_PHYSICAL_PORT_ADDRESS)</p> <p>Protocol MDIO Trigger Register Device Address (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_REGISTER_DEVICE_ADDRESS)</p> <p>Protocol MDIO Trigger Data Address Pattern (RSSCOPE_ATTR_PROTOCOL_MDIO_TRIGGER_DATA_ADDRESS_PATTERN)</p> <p>Protocol USB Trigger Type (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TYPE)</p> <p>Protocol USB Trigger Token (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_TOKEN)</p> <p>Protocol USB Trigger Data Type (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_DATA_TYPE)</p> <p>Protocol USB Trigger Handshake (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_HANDSHAKE)</p> <p>Protocol USB Trigger Special PID (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SPECIAL_PID)</p> <p>Protocol USB Trigger Error Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ERROR_CONDITION)</p> <p>Protocol USB Trigger PID Error Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PID_ERROR_CHECK)</p> <p>Protocol USB Trigger End Point Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_END_POINT_CHECK)</p> <p>Protocol USB Trigger End Point Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_END_POINT_CHECK_CONDITION)</p> <p>Protocol USB Trigger End Point Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_END_POINT_CHECK_MIN)</p> <p>Protocol USB Trigger End Point Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_END_POINT_CHECK_MAX)</p> <p>Protocol USB Trigger Address Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ADDRESS_CHECK)</p> <p>Protocol USB Trigger Address Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ADDRESS_CHECK_CONDITION)</p> <p>Protocol USB Trigger Address Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ADDRESS_CHECK_MIN)</p> <p>Protocol USB Trigger Address Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ADDRESS_CHECK_MAX)</p> <p>Protocol USB Trigger Payload Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PAYLOAD_CHECK)</p> <p>Protocol USB Trigger Payload Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PAYLOAD_CHECK_CONDITION)</p> <p>Protocol USB Trigger Payload Check Position (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PAYLOAD_CHECK_POSITION)</p> <p>Protocol USB Trigger Payload Check Data Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PAYLOAD_CHECK_DATA_CONDITION)</p> <p>Protocol USB Trigger Payload Check Pattern (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PAYLOAD_CHECK_PATTERN)</p> <p>Protocol USB Trigger Frame Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_FRAME_CHECK)</p> <p>Protocol USB Trigger Frame Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_FRAME_CHECK_CONDITION)</p> <p>Protocol USB Trigger Frame Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_FRAME_CHECK_MIN)</p>

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		Protocol USB Trigger Frame Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_FRAME_CHECK_MAX) Protocol USB Trigger SC Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SC_CHECK) Protocol USB Trigger SC Check Start Complete (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SC_CHECK_START_COMPLETE) Protocol USB Trigger Port Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PORT_CHECK) Protocol USB Trigger Port Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PORT_CHECK_CONDITION) Protocol USB Trigger Port Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PORT_CHECK_MIN) Protocol USB Trigger Port Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_PORT_CHECK_MAX) Protocol USB Trigger SEU Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SEU_CHECK) Protocol USB Trigger SEU Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SEU_CHECK_CONDITION) Protocol USB Trigger SEU Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SEU_CHECK_MIN) Protocol USB Trigger SEU Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_SEU_CHECK_MAX) Protocol USB Trigger ET Check (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ET_CHECK) Protocol USB Trigger ET Check Condition (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ET_CHECK_CONDITION) Protocol USB Trigger ET Check Min (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ET_CHECK_MIN) Protocol USB Trigger ET Check Max (RSSCOPE_ATTR_PROTOCOL_USB_TRIGGER_ET_CHECK_MAX) Search CAN Symbolic Enabled (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_ENABLED) Search CAN Standard (RSSCOPE_ATTR_SEARCH_CAN_STANDARD) Search CAN FD Bits FDF (RSSCOPE_ATTR_SEARCH_CAN_FD_BITS_FDF) Search CAN FD Bits BRS (RSSCOPE_ATTR_SEARCH_CAN_FD_BITS_BRS) Search CAN FD Bits ESI (RSSCOPE_ATTR_SEARCH_CAN_FD_BITS_ESI) Search CAN Position Condition (RSSCOPE_ATTR_SEARCH_CAN_POSITION_CONDITION) Search CAN Position Min (RSSCOPE_ATTR_SEARCH_CAN_POSITION_MIN) Search CAN Position Max (RSSCOPE_ATTR_SEARCH_CAN_POSITION_MAX) Search CAN Symbolic Message (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_MESSAGE) Search CAN Symbolic Search For Signal (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_SEARCH_FOR_SIGNAL) Search CAN Symbolic Signal Value (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_SIGNAL_VALUE) Search CAN Symbolic Signal Min (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_SIGNAL_MIN) Search CAN Symbolic Signal Max (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_SIGNAL_MAX) Search CAN Symbolic Signal Enum Value (RSSCOPE_ATTR_SEARCH_CAN_SYMBOLIC_SIGNAL_ENUM_VALUE) Search MIL1553 Mode (RSSCOPE_ATTR_SEARCH_MIL1553_MODE) Search MIL1553 Sync Type (RSSCOPE_ATTR_SEARCH_MIL1553_SYNC_TYPE) Search MIL1553 Data Pattern Condition

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		(RSSCOPE_ATTR_SEARCH_MIL1553_DATA_PATTERN_CONDITION) Search MIL1553 Data Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_DATA_PATTERN_MIN) Search MIL1553 Data Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_DATA_PATTERN_MAX) Search MIL1553 Data Index Condition (RSSCOPE_ATTR_SEARCH_MIL1553_DATA_INDEX_CONDITION) Search MIL1553 Data Index Min (RSSCOPE_ATTR_SEARCH_MIL1553_DATA_INDEX_MIN) Search MIL1553 Data Index Max (RSSCOPE_ATTR_SEARCH_MIL1553_DATA_INDEX_MAX) Search MIL1553 RTA Data Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_RTA_DATA_PATTERN_CONDITION) Search MIL1553 RTA Data Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_RTA_DATA_PATTERN_MIN) Search MIL1553 RTA Data Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_RTA_DATA_PATTERN_MAX) Search MIL1553 Command Status RTA Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_STATUS_RTA_PATTERN_CONDITION) Search MIL1553 Command Status RTA Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_STATUS_RTA_PATTERN_MIN) Search MIL1553 Command Status RTA Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_STATUS_RTA_PATTERN_MAX) Search MIL1553 Info Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_INFO_PATTERN_CONDITION) Search MIL1553 Info Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_INFO_PATTERN_MIN) Search MIL1553 Info Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_INFO_PATTERN_MAX) Search MIL1553 Command Transmit Receive (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_TRANSMIT_RECEIVE) Search MIL1553 Command Subaddress Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_SUBADDRESS_PATTERN_CONDITION) Search MIL1553 Command Subaddress Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_SUBADDRESS_PATTERN_MIN) Search MIL1553 Command Subaddress Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_SUBADDRESS_PATTERN_MAX) Search MIL1553 Command RTA Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_RTA_PATTERN_CONDITION) Search MIL1553 Command RTA Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_RTA_PATTERN_MIN) Search MIL1553 Command RTA Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_RTA_PATTERN_MAX) Search MIL1553 Command Word Count Pattern Condition (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_WORD_COUNT_PATTERN_CONDITION) Search MIL1553 Command Word Count Pattern Min (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_WORD_COUNT_PATTERN_MIN) Search MIL1553 Command Word Count Pattern Max (RSSCOPE_ATTR_SEARCH_MIL1553_COMMAND_WORD_COUNT_PATTERN_MAX) Search MIL1553 Status Flag Message Error (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_MESSAGE_ERROR) Search MIL1553 Status Flag Busy (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_BUSY)

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		<p>Search MIL1553 Status Flag Instrumentation (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_INSTRUMENTATION)</p> <p>Search MIL1553 Status Flag Subsystem (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_SUBSYSTEM)</p> <p>Search MIL1553 Status Flag Service Request (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_SERVICE_REQUEST)</p> <p>Search MIL1553 Status Flag Dynamic Bus Control (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_DYNAMIC_BUS_CONTROL)</p> <p>Search MIL1553 Status Flag Broadcast Command (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_BROADCAST_COMMAND)</p> <p>Search MIL1553 Status Flag Terminal (RSSCOPE_ATTR_SEARCH_MIL1553_STATUS_FLAG_TERMINAL)</p> <p>Search MIL1553 Error Synchronization Error (RSSCOPE_ATTR_SEARCH_MIL1553_ERROR_SYNCHRONIZATION_ERROR)</p> <p>Search MIL1553 Error Parity Error (RSSCOPE_ATTR_SEARCH_MIL1553_ERROR_PARITY_ERROR)</p> <p>Search MIL1553 Error Manchester Coding Error (RSSCOPE_ATTR_SEARCH_MIL1553_ERROR_MANCHESTER_CODING_ERROR)</p> <p>Search MIL1553 Error Timing Error (RSSCOPE_ATTR_SEARCH_MIL1553_ERROR_TIMING_ERROR)</p> <p>Search MIL1553 Words Count (RSSCOPE_ATTR_SEARCH_MIL1553_WORDS_COUNT)</p> <p>Search ARINC429 Mode (RSSCOPE_ATTR_SEARCH_ARINC429_MODE)</p> <p>Search ARINC429 Label Data SDI (RSSCOPE_ATTR_SEARCH_ARINC429_LABEL_DATA_SD)</p> <p>Search ARINC429 Label Data SSM (RSSCOPE_ATTR_SEARCH_ARINC429_LABEL_DATA_SSM)</p> <p>Search ARINC429 Label Pattern Condition (RSSCOPE_ATTR_SEARCH_ARINC429_LABEL_PATTERN_CONDITION)</p> <p>Search ARINC429 Label Pattern Min (RSSCOPE_ATTR_SEARCH_ARINC429_LABEL_PATTERN_MIN)</p> <p>Search ARINC429 Label Pattern Max (RSSCOPE_ATTR_SEARCH_ARINC429_LABEL_PATTERN_MAX)</p> <p>Search ARINC429 Data Pattern Condition (RSSCOPE_ATTR_SEARCH_ARINC429_DATA_PATTERN_CONDITION)</p> <p>Search ARINC429 Data Pattern Min (RSSCOPE_ATTR_SEARCH_ARINC429_DATA_PATTERN_MIN)</p> <p>Search ARINC429 Data Pattern Max (RSSCOPE_ATTR_SEARCH_ARINC429_DATA_PATTERN_MAX)</p> <p>Search ARINC429 Error Coding Error (RSSCOPE_ATTR_SEARCH_ARINC429_ERROR_CODING_ERROR)</p> <p>Search ARINC429 Error Parity Error (RSSCOPE_ATTR_SEARCH_ARINC429_ERROR_PARITY_ERROR)</p> <p>Search ARINC429 Error Timing Error (RSSCOPE_ATTR_SEARCH_ARINC429_ERROR_TIMING_ERROR)</p> <p>Search ARINC429 Words Count (RSSCOPE_ATTR_SEARCH_ARINC429_WORDS_COUNT)</p> <p>Search RFFE Type (RSSCOPE_ATTR_SEARCH_RFFE_TYPE)</p> <p>Search RFFE Slave Condition (RSSCOPE_ATTR_SEARCH_RFFE_SLAVE_CONDITION)</p> <p>Search RFFE Slave Min (RSSCOPE_ATTR_SEARCH_RFFE_SLAVE_MIN)</p> <p>Search RFFE Slave Max (RSSCOPE_ATTR_SEARCH_RFFE_SLAVE_MAX)</p> <p>Search RFFE Address Condition (RSSCOPE_ATTR_SEARCH_RFFE_ADDRESS_CONDITION)</p> <p>Search RFFE Address Min (RSSCOPE_ATTR_SEARCH_RFFE_ADDRESS_MIN)</p> <p>Search RFFE Address Max (RSSCOPE_ATTR_SEARCH_RFFE_ADDRESS_MAX)</p>

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		Search RFFE Byte Count Condition (RSSCOPE_ATTR_SEARCH_RFFE_BYTE_COUNT_CONDITION) Search RFFE Byte Count Min (RSSCOPE_ATTR_SEARCH_RFFE_BYTE_COUNT_MIN) Search RFFE Byte Count Max (RSSCOPE_ATTR_SEARCH_RFFE_BYTE_COUNT_MAX) Search RFFE Data Condition (RSSCOPE_ATTR_SEARCH_RFFE_DATA_CONDITION) Search RFFE Data Min (RSSCOPE_ATTR_SEARCH_RFFE_DATA_MIN) Search RFFE Data Max (RSSCOPE_ATTR_SEARCH_RFFE_DATA_MAX) Search RFFE Index Condition (RSSCOPE_ATTR_SEARCH_RFFE_INDEX_CONDITION) Search RFFE Index Min (RSSCOPE_ATTR_SEARCH_RFFE_INDEX_MIN) Search RFFE Index Max (RSSCOPE_ATTR_SEARCH_RFFE_INDEX_MAX) Search RFFE Error SCC (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_SCC) Search RFFE Error Length (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_LENGTH) Search RFFE Error Bus Park (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_BUS_PARK) Search RFFE Error Parity (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_PARITY) Search RFFE Error No Response (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_NO_RESPONSE) Search RFFE Error Unknown (RSSCOPE_ATTR_SEARCH_RFFE_ERROR_UNKNOWN) Search RFFE Sequence Count (RSSCOPE_ATTR_SEARCH_RFFE_SEQUENCE_COUNT) Search MDIO Type (RSSCOPE_ATTR_SEARCH_MDIO_TYPE) Search MDIO Start Code (RSSCOPE_ATTR_SEARCH_MDIO_START_CODE) Search MDIO Operation Code (RSSCOPE_ATTR_SEARCH_MDIO_OPERATION_CODE) Search MDIO Physical Port Address (RSSCOPE_ATTR_SEARCH_MDIO_PHYSICAL_PORT_ADDRESS) Search MDIO Register Device Address (RSSCOPE_ATTR_SEARCH_MDIO_REGISTER_DEVICE_ADDRESS) Search MDIO Data Address Pattern (RSSCOPE_ATTR_SEARCH_MDIO_DATA_ADDRESS_PATTERN) Search MDIO Word Count (RSSCOPE_ATTR_SEARCH_MDIO_WORD_COUNT) Search Ethernet Frame Enabled (RSSCOPE_ATTR_SEARCH_ETHERNET_FRAME_ENABLED) Search Ethernet Error Enabled (RSSCOPE_ATTR_SEARCH_ETHERNET_ERROR_ENABLED) Search Ethernet Destination Address Condition (RSSCOPE_ATTR_SEARCH_ETHERNET_DESTINATION_ADDRESS_CONDITION) Search Ethernet Destination Address Min (RSSCOPE_ATTR_SEARCH_ETHERNET_DESTINATION_ADDRESS_MIN) Search Ethernet Destination Address Max (RSSCOPE_ATTR_SEARCH_ETHERNET_DESTINATION_ADDRESS_MAX) Search Ethernet Source Address Condition (RSSCOPE_ATTR_SEARCH_ETHERNET_SOURCE_ADDRESS_CONDITION) Search Ethernet Source Address Min (RSSCOPE_ATTR_SEARCH_ETHERNET_SOURCE_ADDRESS_MIN) Search Ethernet Source Address Max (RSSCOPE_ATTR_SEARCH_ETHERNET_SOURCE_ADDRESS_MAX) Search Ethernet Type Length Condition (RSSCOPE_ATTR_SEARCH_ETHERNET_TYPE_LENGTH_CONDITION) Search Ethernet Type Length Min (RSSCOPE_ATTR_SEARCH_ETHERNET_TYPE_LENGTH_MIN) Search Ethernet Type Length Max (RSSCOPE_ATTR_SEARCH_ETHERNET_TYPE_LENGTH_MAX) Search Ethernet Frame Check Condition

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		(RSSCOPE_ATTR_SEARCH_ETHERNET_FRAME_CHECK_CONDITION) Search Ethernet Frame Check Min (RSSCOPE_ATTR_SEARCH_ETHERNET_FRAME_CHECK_MIN) Search Ethernet Frame Check Max (RSSCOPE_ATTR_SEARCH_ETHERNET_FRAME_CHECK_MAX) Search Ethernet Error Preamble (RSSCOPE_ATTR_SEARCH_ETHERNET_ERROR_PREAMBLE) Search Ethernet Error Length (RSSCOPE_ATTR_SEARCH_ETHERNET_ERROR_LENGTH) Search Ethernet Word Count (RSSCOPE_ATTR_SEARCH_ETHERNET_WORD_COUNT) Search USB Criteria Start Of Packet (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_START_OF_PACKET) Search USB Criteria Token (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_TOKEN) Search USB Criteria Data (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_DATA) Search USB Criteria Handshake (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_HANDSHAKE) Search USB Criteria Special PID (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_SPECIAL_PID) Search USB Criteria Error (RSSCOPE_ATTR_SEARCH_USB_CRITERIA_ERROR) Search USB Token (RSSCOPE_ATTR_SEARCH_USB_TOKEN) Search USB Data Type (RSSCOPE_ATTR_SEARCH_USB_DATA_TYPE) Search USB Handshake (RSSCOPE_ATTR_SEARCH_USB_HANDSHAKE) Search USB Special PID (RSSCOPE_ATTR_SEARCH_USB_SPECIAL_PID) Search USB PID Error Check (RSSCOPE_ATTR_SEARCH_USB_PID_ERROR_CHECK) Search USB Error PID (RSSCOPE_ATTR_SEARCH_USB_ERROR_PID) Search USB Error CRC5 (RSSCOPE_ATTR_SEARCH_USB_ERROR_CRC5) Search USB Error CRC16 (RSSCOPE_ATTR_SEARCH_USB_ERROR_CRC16) Search USB Error Bitstuff (RSSCOPE_ATTR_SEARCH_USB_ERROR_BITSTUFF) Search USB Error Glitch (RSSCOPE_ATTR_SEARCH_USB_ERROR_GLITCH) Search USB End Point Check (RSSCOPE_ATTR_SEARCH_USB_END_POINT_CHECK) Search USB End Point Check Condition (RSSCOPE_ATTR_SEARCH_USB_END_POINT_CHECK_CONDITION) Search USB End Point Check Min (RSSCOPE_ATTR_SEARCH_USB_END_POINT_CHECK_MIN) Search USB End Point Check Max (RSSCOPE_ATTR_SEARCH_USB_END_POINT_CHECK_MAX) Search USB Address Check (RSSCOPE_ATTR_SEARCH_USB_ADDRESS_CHECK) Search USB Address Check Condition (RSSCOPE_ATTR_SEARCH_USB_ADDRESS_CHECK_CONDITION) Search USB Address Check Min (RSSCOPE_ATTR_SEARCH_USB_ADDRESS_CHECK_MIN) Search USB Address Check Max (RSSCOPE_ATTR_SEARCH_USB_ADDRESS_CHECK_MAX) Search USB Payload Check (RSSCOPE_ATTR_SEARCH_USB_PAYLOAD_CHECK) Search USB Payload Check Condition (RSSCOPE_ATTR_SEARCH_USB_PAYLOAD_CHECK_CONDITION) Search USB Payload Check Position (RSSCOPE_ATTR_SEARCH_USB_PAYLOAD_CHECK_POSITION) Search USB Payload Check Data Condition (RSSCOPE_ATTR_SEARCH_USB_PAYLOAD_CHECK_DATA_CONDITION) Search USB Payload Check Pattern (RSSCOPE_ATTR_SEARCH_USB_PAYLOAD_CHECK_PATTERN) Search USB Frame Check (RSSCOPE_ATTR_SEARCH_USB_FRAME_CHECK) Search USB Frame Check Condition (RSSCOPE_ATTR_SEARCH_USB_FRAME_CHECK_CONDITION)

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Revision	Date	Note
		Search USB Frame Check Min (RSSCOPE_ATTR_SEARCH_USB_FRAME_CHECK_MIN) Search USB Frame Check Max (RSSCOPE_ATTR_SEARCH_USB_FRAME_CHECK_MAX) Search USB SC Check (RSSCOPE_ATTR_SEARCH_USB_SC_CHECK) Search USB SC Check Start Complete (RSSCOPE_ATTR_SEARCH_USB_SC_CHECK_START_COMPLETE) Search USB Port Check (RSSCOPE_ATTR_SEARCH_USB_PORT_CHECK) Search USB Port Check Condition (RSSCOPE_ATTR_SEARCH_USB_PORT_CHECK_CONDITION) Search USB Port Check Min (RSSCOPE_ATTR_SEARCH_USB_PORT_CHECK_MIN) Search USB Port Check Max (RSSCOPE_ATTR_SEARCH_USB_PORT_CHECK_MAX) Search USB SEU Check (RSSCOPE_ATTR_SEARCH_USB_SEU_CHECK) Search USB SEU Check Condition (RSSCOPE_ATTR_SEARCH_USB_SEU_CHECK_CONDITION) Search USB SEU Check Min (RSSCOPE_ATTR_SEARCH_USB_SEU_CHECK_MIN) Search USB SEU Check Max (RSSCOPE_ATTR_SEARCH_USB_SEU_CHECK_MAX) Search USB ET Check (RSSCOPE_ATTR_SEARCH_USB_ET_CHECK) Search USB ET Check Condition (RSSCOPE_ATTR_SEARCH_USB_ET_CHECK_CONDITION) Search USB ET Check Min (RSSCOPE_ATTR_SEARCH_USB_ET_CHECK_MIN) Search USB ET Check Max (RSSCOPE_ATTR_SEARCH_USB_ET_CHECK_MAX) Search USB Packet Count (RSSCOPE_ATTR_SEARCH_USB_PACKET_COUNT) Protocol Bus Data Format (RSSCOPE_ATTR_PROTOCOL_BUS_DATA_FORMAT) Protocol Label List File (RSSCOPE_ATTR_PROTOCOL_LABEL_LIST_FILE) Protocol I2C Frame Byte Ack Bit Start (RSSCOPE_ATTR_PROTOCOL_I2C_FRAME_BYTE_ACK_BIT_START) Protocol CAN FD Enabled (RSSCOPE_ATTR_PROTOCOL_CAN_FD_ENABLED) Protocol CAN FD Bit Rate (RSSCOPE_ATTR_PROTOCOL_CAN_FD_BIT_RATE) Protocol CAN Frame Standard (RSSCOPE_ATTR_PROTOCOL_CAN_FRAME_STANDARD) Protocol RFFE Clock Source (RSSCOPE_ATTR_PROTOCOL_RFFE_CLOCK_SOURCE) Protocol RFFE Data Source (RSSCOPE_ATTR_PROTOCOL_RFFE_DATA_SOURCE) Protocol RFFE Preset Threshold (RSSCOPE_ATTR_PROTOCOL_RFFE_PRESET_THRESHOLD) Protocol RFFE Clock Threshold High (RSSCOPE_ATTR_PROTOCOL_RFFE_CLOCK_THRESHOLD_HIGH) Protocol RFFE Clock Threshold Low (RSSCOPE_ATTR_PROTOCOL_RFFE_CLOCK_THRESHOLD_LOW) Protocol RFFE Clock Threshold Hysteresis (RSSCOPE_ATTR_PROTOCOL_RFFE_CLOCK_THRESHOLD_HYSTERESIS) Protocol RFFE Data Threshold High (RSSCOPE_ATTR_PROTOCOL_RFFE_DATA_THRESHOLD_HIGH) Protocol RFFE Data Threshold Low (RSSCOPE_ATTR_PROTOCOL_RFFE_DATA_THRESHOLD_LOW) Protocol RFFE Data Threshold Hysteresis (RSSCOPE_ATTR_PROTOCOL_RFFE_DATA_THRESHOLD_HYSTERESIS) Protocol RFFE Thresholds Coupling (RSSCOPE_ATTR_PROTOCOL_RFFE_THRESHOLDS_COUPLING) Protocol RFFE Glitch Filter Enabled (RSSCOPE_ATTR_PROTOCOL_RFFE_GLITCH_FILTER_ENABLED) Protocol RFFE Glitch Filter Width (RSSCOPE_ATTR_PROTOCOL_RFFE_GLITCH_FILTER_WIDTH) Protocol RFFE Min Gap Enabled (RSSCOPE_ATTR_PROTOCOL_RFFE_MIN_GAP_ENABLED)

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		Protocol RFFE Min Gap Time (RSSCOPE_ATTR_PROTOCOL_RFFE_MIN_GAP_TIME) Protocol RFFE Max Gap Enabled (RSSCOPE_ATTR_PROTOCOL_RFFE_MAX_GAP_ENABLED) Protocol RFFE Max Gap Time (RSSCOPE_ATTR_PROTOCOL_RFFE_MAX_GAP_TIME) Protocol RFFE Decoding Results Sequence Count (RSSCOPE_ATTR_PROTOCOL_RFFE_DECODING_RESULTS_SEQUENCE_COUNT) Protocol MDIO Threshold Preset (RSSCOPE_ATTR_PROTOCOL_MDIO_THRESHOLD_PRESET) Protocol MDIO Clock Source (RSSCOPE_ATTR_PROTOCOL_MDIO_CLOCK_SOURCE) Protocol MDIO Clock Threshold High (RSSCOPE_ATTR_PROTOCOL_MDIO_CLOCK_THRESHOLD_HIGH) Protocol MDIO Clock Threshold Low (RSSCOPE_ATTR_PROTOCOL_MDIO_CLOCK_THRESHOLD_LOW) Protocol MDIO Data Source (RSSCOPE_ATTR_PROTOCOL_MDIO_DATA_SOURCE) Protocol MDIO Data Threshold High (RSSCOPE_ATTR_PROTOCOL_MDIO_DATA_THRESHOLD_HIGH) Protocol MDIO Data Threshold Low (RSSCOPE_ATTR_PROTOCOL_MDIO_DATA_THRESHOLD_LOW) Protocol MDIO Thresholds Coupling (RSSCOPE_ATTR_PROTOCOL_MDIO_THRESHOLDS_COUPLING) Protocol MDIO Decoding Results Word Count (RSSCOPE_ATTR_PROTOCOL_MDIO_DECODING_RESULTS_WORD_COUNT) Protocol Ethernet Variant (RSSCOPE_ATTR_PROTOCOL_ETHERNET_VARIANT) Protocol Ethernet Source (RSSCOPE_ATTR_PROTOCOL_ETHERNET_SOURCE) Protocol Ethernet Polarity (RSSCOPE_ATTR_PROTOCOL_ETHERNET_POLARITY) Protocol Ethernet Threshold Preset (RSSCOPE_ATTR_PROTOCOL_ETHERNET_THRESHOLD_PRESET) Protocol Ethernet Threshold Low (RSSCOPE_ATTR_PROTOCOL_ETHERNET_THRESHOLD_LOW) Protocol Ethernet Threshold High (RSSCOPE_ATTR_PROTOCOL_ETHERNET_THRESHOLD_HIGH) Protocol Ethernet Bit Rate (RSSCOPE_ATTR_PROTOCOL_ETHERNET_BIT_RATE) Protocol Ethernet Decoding Results Word Count (RSSCOPE_ATTR_PROTOCOL_ETHERNET_DECODING_RESULTS_WORD_COUNT) Protocol USB D Plus Source (RSSCOPE_ATTR_PROTOCOL_USB_D_PLUS_SOURCE) Protocol USB D Minus Source (RSSCOPE_ATTR_PROTOCOL_USB_D_MINUS_SOURCE) Protocol USB Differential Source (RSSCOPE_ATTR_PROTOCOL_USB_DIFFERENTIAL_SOURCE) Protocol USB Data Source (RSSCOPE_ATTR_PROTOCOL_USB_DATA_SOURCE) Protocol USB Strobe Source (RSSCOPE_ATTR_PROTOCOL_USB_STROBE_SOURCE) Protocol USB Technology (RSSCOPE_ATTR_PROTOCOL_USB_TECHNOLOGY) Protocol USB D Plus Threshold (RSSCOPE_ATTR_PROTOCOL_USB_D_PLUS_THRESHOLD) Protocol USB D Minus Threshold (RSSCOPE_ATTR_PROTOCOL_USB_D_MINUS_THRESHOLD) Protocol USB Differential Threshold (RSSCOPE_ATTR_PROTOCOL_USB_DIFFERENTIAL_THRESHOLD) Protocol USB Data Threshold (RSSCOPE_ATTR_PROTOCOL_USB_DATA_THRESHOLD) Protocol USB Strobe Threshold (RSSCOPE_ATTR_PROTOCOL_USB_STROBE_THRESHOLD) Protocol USB Decoding Results Packet Count (RSSCOPE_ATTR_PROTOCOL_USB_DECODING_RESULTS_PACKET_COUNT) Power Ripple Current Enabled (RSSCOPE_ATTR_POWER_RIPPLE_CURRENT_ENABLED) Safe Operating Area Switch (RSSCOPE_ATTR_SAFE_OPERATING_AREA_SWITCH)

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		<p>MSO Digital Resolution (RSSCOPE_ATTR_MSO_DIGITAL_RESOLUTION)</p> <p>MSO Digital Record Length (RSSCOPE_ATTR_MSO_DIGITAL_RECORD_LENGTH)</p> <p>Saveset Preview Image (RSSCOPE_ATTR_SAVESET_PREVIEW_IMAGE)</p> <p>Hardcopy White Background (RSSCOPE_ATTR_HARDCOPY_WHITE_BACKGROUND)</p> <p>Hardcopy Print Color Set (RSSCOPE_ATTR_HARDCOPY_PRINT_COLOR_SET)</p> <p>Hardcopy Inverse Colors (RSSCOPE_ATTR_HARDCOPY_INVERSE_COLORS)</p> <p>Channel Count (RSSCOPE_ATTR_CHANNEL_COUNT)</p> <p>Byte Order (RSSCOPE_ATTR_BYTE_ORDER)</p> <p>Modified</p> <p>rsscope Configure Probe Attenuator RTZA15.vi - command changed</p> <p>rsscope Configure Serial Bus Trigger Source.vi - new protocols, MDIO, Ethernet, RFFE, USB</p> <p>rsscope Configure Spectrum Main Measurement.vi - THD in %</p> <p>rsscope Configure Spectrum Additional Measurement.vi - THD in %</p> <p>rsscope Configure Spectrum Limit Check.vi - THD in %</p> <p>rsscope Configure Spectrum Limit Check Limits.vi - THD in %</p> <p>rsscope Configure SpectrumLimitCheckMargins.vi - THD in %</p> <p>rsscope Configure ReferenceLevelAutoSettings.vi - Mode UMLA</p> <p>rsscope Query CAN Search Frame Count.vi - API changed</p> <p>rsscope Query FlexRay Frame Field.vi - Fixed cmd strings for fields</p> <p>rsscope Query FlexRay Search Frame Count.vi - API changed</p> <p>rsscope Query Flex Ray Search Frame Field.vi - Fixed cmd strings for fields</p> <p>rsscope Configure ARINC 429 Bit Rate.vi - bit rate range</p> <p>rsscope Read Spectrum Waveform Measurement.vi - THD in %</p> <p>rsscope Read Start Stop Spectrum Waveform Measurement.vi - THD in %</p> <p>rsscope Fetch Spectrum Waveform Measurement.vi - THD in %</p> <p>rsscope Fetch Start Stop Spectrum Waveform Measurement.vi - THD in %</p> <p>rsscope Power Analysis Report Content.vi - API changed (Title boolean)</p> <p>rsscope Power Quality Input Frequency.vi - cmd strings</p> <p>rsscope Transient Response Trigger.vi - Source 1 to 4 only</p> <p>rsscope Set Status Register.vi - ADC State</p> <p>rsscope Get Status Register.vi - ADC State</p> <p>rsscope Configure Search Gate Definition Start Stop.vi - fixed range checking</p> <p>rsscope Fetch Eye Jitter Waveform Measurement.vi - fixed range checking</p> <p>rsscope Fetch Histogram Waveform Measurement.vi - fixed range checking</p> <p>rsscope Fetch Main Waveform Measurement.vi - fixed range checking</p> <p>rsscope Fetch Spectrum Waveform Measurement.vi - fixed selecting of Measurement Function</p> <p>rsscope Actual Sample Rate.vi - other attribute used</p> <p>rsscope Configure Hardcopy Device.vi - fixed repeated capabilities</p> <p>rsscope Configure Histogram State.vi - other attribute used</p> <p>rsscope Query Probe Characteristics - Type data type changed to string</p> <p>rsscope Configure Probe Meter.vi - fixed repeated capabilities errors</p>

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		<p>rsscope Trigger Input Probe Selftest.vi - other attribute used</p> <p>rsscope Update Trigger Input Probe Firmware.vi - other attribute used</p> <p>rsscope Configure ARINC 429 Trigger Type.vi - other attribute used</p> <p>rsscope Configure CAN Trigger Error Conditions.vi - sets trigger mode to error condition</p> <p>rsscope Configure MDIO Threshold.vi - fixed repcap</p> <p>rsscope Configure MIL1553 Trigger Command Transmission Direction.vi - other attribute used</p> <p>rsscope Configure Edge External Trigger Noise Reject.vi - other attribute used</p> <p>rsscope Configure Pattern Trigger Source.vi - fixed repcap, Fixed swapped CtrlRing Strings "Shorter Longer Within Outside"</p> <p>rsscope Configure Serial Bus Trigger Source.vi - fixed repcap</p> <p>rsscope Configure Interval Trigger Source.vi - Fixed swapped CtrlRing Strings "Shorter Longer Within Outside"</p> <p>rsscope Configure Slew Rate Trigger Source.vi - Fixed swapped CtrlRing Strings "Shorter Longer Within Outside"</p> <p>rsscope Configure Width Trigger Source.vi - Fixed swapped CtrlRing Strings "Shorter Longer Within Outside"</p> <p>rsscope Configure Window Trigger Time Condition.vi - Fixed swapped CtrlRing Strings "Shorter Longer Within Outside"</p> <p>rsscope Configure Trigger Qualification Multichannel Logic.vi - Fixed swapped CtrlRing Strings "OR NAND"</p> <p>rsscope Configure IQ Sampling Real Input.vi - Fixed swapped CtrlRing Strings "Inverse Normal"</p> <p>rsscope Configure Math Envelope Waveform Selection.vi - other attribute used</p> <p>rsscope Configure FFT Phase.vi - other attribute used</p> <p>rsscope Power Inrush Current Gate Add To Report.vi - other attribute used</p> <p>rsscope Power On Off Input Type.vi - other attribute used</p> <p>rsscope File Drives.vi - reading data with attribute</p> <p>rsscope Fetch Histogram Waveform Measurement.vi - maximum time changed to reserved, removed RSSCOPE_ATTR_SEND_SW_TRIGGER_AND_WAIT</p> <p>rsscope Fetch Spectrum Waveform Measurement.vi - maximum time changed to reserved, removed RSSCOPE_ATTR_SEND_SW_TRIGGER_AND_WAIT</p> <p>rsscope Start Power Analysis Deskew.vi - added Wait</p> <p>rsscope Power Analysis Report LSend.vi - parameter Returned Value changed from Int32 to String</p> <p>Calibration Source Frequency (RSSCOPE_ATTR_CALIBRATION_SOURCE_FREQUENCY) - Fixed range table, 2x same name 250 MHz.</p> <p>Probe Predefined Current Probe (RSSCOPE_ATTR_PROBE_PREDEFINED_CURRENT_PROBE) - Removed ZZ60 from range table.</p> <p>Probe Attenuator ZA15 (RSSCOPE_ATTR_PROBE_ATTENUATOR_ZA15) - Command changed, PROBe:SETUp:ZA15 to PROBe:SETUp:ZAXV</p> <p>Trigger Level (RSSCOPE_ATTR_TRIGGER_LEVEL) - Removed range checking.</p> <p>Window Upper Limit (RSSCOPE_ATTR_WINDOW_UPPER_LIMIT) - Removed range checking.</p> <p>Window Lower Limit (RSSCOPE_ATTR_WINDOW_LOWER_LIMIT) - Removed range checking.</p> <p>Interval Polarity (RSSCOPE_ATTR_INTERVAL_POLARITY) - Changed range table.</p> <p>Serial Pattern Level (RSSCOPE_ATTR_SERIAL_PATTERN_LEVEL) - Removed range checking.</p> <p>Protocol I2C Trigger Address OR Type</p>

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		<p>(RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_OR_TYPE) - Changed range table to remove unsupported values.</p> <p>Protocol SPI Trigger Condition (RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_CONDITION) - Removed unused enum items.</p> <p>Protocol Audio Trigger Word Select Slope (RSSCOPE_ATTR_PROTOCOL_AUDIO_TRIGGER_WORD_SELECT_SLOPE) - Range table changed.</p> <p>Protocol MIL1553 Trigger Data Index Condition (RSSCOPE_ATTR_PROTOCOL_MIL1553_TRIGGER_DATA_INDEX_CONDITION) - Removed unused enum items.</p> <p>Cursor X Position (RSSCOPE_ATTR_CURSOR_X_POSITION) - Removed range checking.</p> <p>Cursor Y Position (RSSCOPE_ATTR_CURSOR_Y_POSITION) - Removed range checking.</p> <p>Amplitude Time Lower Limit Margin (RSSCOPE_ATTR_AMPLITUDE_TIME_LOWER_LIMIT_MARGIN) - Fixed command.</p> <p>User Reference Relative Lower Level (RSSCOPE_ATTR_USER_REFERENCE_RELATIVE_LOWER_LEVEL) - Changed default value.</p> <p>FFT Frequency Span (RSSCOPE_ATTR_FFT_FREQUENCY_SPAN) - Removed range checking.</p> <p>FFT Start Frequency (RSSCOPE_ATTR_FFT_START_FREQUENCY) - Removed range checking.</p> <p>FFT Stop Frequency (RSSCOPE_ATTR_FFT_STOP_FREQUENCY) - Removed range checking.</p> <p>Mask Test Violation Tolerance (RSSCOPE_ATTR_MASK_TEST_VIOLATION_TOLERANCE) - Removed range checking.</p> <p>Protocol Reference Levels (RSSCOPE_ATTR_PROTOCOL_REFERENCE_LEVELS) - Data type set to None.</p> <p>Protocol FlexRay Frame Header CRC (RSSCOPE_ATTR_PROTOCOL_FLEXRAY_FRAME_HEADER_CRC) - Fixed command.</p> <p>Protocol FlexRay Frame CRC (RSSCOPE_ATTR_PROTOCOL_FLEXRAY_FRAME_CRC) - Fixed command.</p> <p>Protocol FlexRay Frame Header CRC Status (RSSCOPE_ATTR_PROTOCOL_FLEXRAY_FRAME_HEADER_CRC_STATUS) - Fixed command.</p> <p>Protocol FlexRay Frame CRC Status (RSSCOPE_ATTR_PROTOCOL_FLEXRAY_FRAME_CRC_STATUS) - Fixed command.</p> <p>Power Analysis Start Deskew (RSSCOPE_ATTR_POWER_ANALYSIS_START_DESKEW) - Added *WAI to command.</p> <p>Power Analysis Report Add (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_ADD) - Access changed to write-only.</p> <p>Power Analysis Report Select All (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_SEL_ALL) - Access changed to write-only.</p> <p>Power Analysis Report Deselect All (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_SEL_NONE) - Access changed to write-only.</p> <p>Power Analysis Report Remove Selected (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_SEL_REMOVE) - Access changed to write-only.</p> <p>Power Analysis Report Invert Selection (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_SEL_INVERT) - Access changed to write-only.</p> <p>Power Analysis Report File Name (RSSCOPE_ATTR_POWER_ANALYSIS_REPORT_FILE_NAME) - Access changed to write-only.</p> <p>MSO Data2Clock Trigger Hold Time (RSSCOPE_ATTR_MSO_DATA2CLOCK_TRIGGER_HOLD_TIME) - Changed range.</p> <p>IQ Filter Bandwidth (RSSCOPE_ATTR_IQ_FILTER_BANDWIDTH) - Data type changed according to CVI</p>

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		<p>& LV.</p> <p>CDR Software PLL Relative Bandwidth (RSSCOPE_ATTR_CDR_SOFTWARE_PLL_REL_BANDWIDTH) - Changed range.</p> <p>CDR Hardware Bit Rate (RSSCOPE_ATTR_CDR_HARDWARE_BIT_RATE) - Removed range checking.</p> <p>Waveform Export Scope Gate (RSSCOPE_ATTR_WAVEFORM_EXPORT_SCOPE_GATE) - Removed obsolete items.</p> <p>Waveform Export Fast Export (RSSCOPE_ATTR_WAVEFORM_EXPORT_FAST_EXPORT) - Changed access to write-only.</p> <p>Long Term Export Result (RSSCOPE_ATTR_LONG_TERM_EXPORT_RESULT) - Removed no longer supported items.</p> <p>Material Number (RSSCOPE_ATTR_MATERIAL_NUMBER) - Changed access to read-only.</p> <p>Modified Repeated Capabilities</p> <p>SpectrumMeasurementType - added Spec6</p> <p>SpectrumMeasurementResult - added THDPCT</p> <p>QRegister - added ADCState</p> <p>FieldValue - fixed command values</p> <p>FieldStatus - fixed command values</p> <p>Removed</p> <p>rsscope Query Mask Test Count.vi</p> <p>rsscope Preset.vi</p> <p>rsscope Store and Load Instrument Data.vi</p> <p>rsscope System Version.vi</p> <p>rsscope_session_global.vi</p> <p>rsscope System Version.vi</p> <p>rsscope Store and Load Instrument Data.vi</p> <p>Probe Measurement Type (RSSCOPE_ATTR_PROBE_MEASUREMENT_TYPE)</p> <p>Statistics Weight (RSSCOPE_ATTR_STATISTICS_WEIGHT)</p> <p>Protocol I2C Frame Byte Ack Bit (RSSCOPE_ATTR_PROTOCOL_I2C_FRAME_BYTE_ACK_BIT)</p>
2.30.0	10/2014	<ul style="list-style-type: none"> * Support for RTO & RTE version 2.30 * Express VI version 1.50 * New Subsystems: added Quick source in multiple subsystems Search Decoded Results in CAN Protocol Search Decoded Results in FlexRay Protocol * Modified rsscope Configure CAN Trigger Data.vi - fixed swapped Min and Max inputs
2.25.0	08/2014	<ul style="list-style-type: none"> Support for RTO & RTE version 2.25 Added Express VI version 1.20 Added subsystems Probe Meter Trigger Input Probe MIL-Std-1553 Protocol

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		<p>ARINC 429 Protocol New</p> <p>rsscope Configure Amplitude Time Delay To Trigger.vi rsscope Configure Probe CM Offset.vi rsscope Configure Probe Attenuator RT-ZA15.vi rsscope Configure Edge External Trigger Noise Reject.vi rsscope Configure Math Envelope Waveform Selection.vi rsscope Read Start Stop Amplitude Time Waveform Measurement.vi rsscope Read Start Stop Eye Jitter Waveform Measurement.vi rsscope Read Start Stop Histogram Waveform Measurement.vi rsscope Read Start Stop Spectrum Waveform Measurement.vi rsscope Read Start Stop Jitter Waveform Measurement.vi rsscope Fetch Start Stop Amplitude Time Waveform Measurement.vi rsscope Fetch Start Stop Eye Jitter Waveform Measurement.vi rsscope Fetch Start Stop Histogram Waveform Measurement.vi rsscope Fetch Start Stop Spectrum Waveform Measurement.vi rsscope Fetch Start Stop Jitter Waveform Measurement.vi rsscope Query Power Analysis Auto Deskew Value.vi rsscope Power Analysis Auto Deskew To Offset.vi rsscope Query Power Ripple Measure Result.vi rsscope Query Power Spectrum Harmonics Count.vi rsscope Power On Off Input Type.vi rsscope Power On Off DC Level.vi rsscope Configure Waveform Nx Single Acquisition Display Update.vi rsscope Configure UART Packets.vi RSSCOPE_ATTR_MEASUREMENT_PREFIX_ENABLED RSSCOPE_ATTR_TRIGGER_EXTERNAL_OVERLOAD Modified rsscope Configure Channel Bandwidth.vi rsscope Configure Probe Micro Button Action.vi rsscope Configure Edge Trigger Source.vi rsscope Configure Slew Rate Trigger Source.vi rsscope Configure Serial Bus Trigger Source.vi rsscope Configure Cursor.vi rsscope Configure Jitter Data Measurement Clock Mode.vi rsscope Configure Reference Level.vi rsscope Configure Reference Level Auto Settings.vi rsscope Configure Reference User Signal Level.vi rsscope Configure User Reference Level.vi rsscope Configure User Middle Reference Level.vi rsscope Configure Reference Level Relative Levels.vi </p>

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		rsscope Configure Reference Level Relative User Levels.vi rsscope Configure Reference Level Hysteresis.vi rsscope Configure Reference Level Tube.vi rsscope Configure Reference Level Tube Relative.vi rsscope Power Switchingloss Gate Settings.vi rsscope Transient Response Trigger.vi rsscope Configure Mask Test Source.vi rsscope Query IQ Data Memory - removed RSSCOPE_ATTR_PROTOCOL_CAN_FRAME_TRANSLATION - removed RSSCOPE_ATTR_CDR_SOFTWARE_ALGORITHM RSSCOPE_ATTR_TRIGGER_SOURCE RSSCOPE_ATTR_NOISE_REJECT_HYSTERESIS RSSCOPE_ATTR_NOISE_REJECT_HYSTERESIS_SCALE_MODE RSSCOPE_ATTR_NOISE_REJECT_HYSTERESIS_RELATIVE RSSCOPE_ATTR_NOISE_REJECT_HYSTERESIS_MODE RSSCOPE_ATTR_RUNT_LOW_THRESHOLD RSSCOPE_ATTR_RUNT_HIGH_THRESHOLD RSSCOPE_ATTR_SLEW_LOWER_LIMIT RSSCOPE_ATTR_SLEW_UPPER_LIMIT RSSCOPE_ATTR_WINDOW_LOWER_LIMIT RSSCOPE_ATTR_WINDOW_UPPER_LIMIT RSSCOPE_ATTR_CALIBRATION_SOURCE_FREQUENCY RSSCOPE_ATTR_SEARCH_RESULT_MAX_COUNT RSSCOPE_ATTR_TRIGGER_SEQUENCE_MODE RSSCOPE_ATTR_SERIAL_PATTERN_SOURCE
1.60.0	12/2013	*Added subsystems Power Analysis *Modified rsscope Configure Amplitude Time Main Measurement.vi rsscope Configure Amplitude Time Additional Measurement.vi rsscope Configure Spectrum Main Measurement.vi rsscope Configure Spectrum Additional Measurement.vi rsscope Configure Amplitude Time Limit Check.vi rsscope Configure Amplitude Time Limit Check Limits.vi rsscope Configure Amplitude Time Limit Check Margins.vi rsscope Read Amplitude Time Waveform Measurement.vi rsscope Fetch Amplitude Time Waveform Measurement.vi rsscope Read Spectrum Waveform Measurement.vi rsscope Fetch Spectrum Waveform Measurement.vi rsscope Configure Spectrum Limit Check.vi rsscope Configure Spectrum Limit Check Limits.vi

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		<p>rsscope Configure Spectrum Limit Check Margins.vi rsscope Configure Waveform Export Source.vi rsscope Configure Channel Offset.vi ... offset range checking removed rsscope Configure Probe.vi ... channel offset range checking removed *New rsscope Configure Amplitude Time Delay To Trigger.vi</p>
1.50.0	08/2013	<p>*Support for RTO version 1.50 added *Database: compatibility with IVI.Net *Added subsystems: Jitter Measurement Clock Data Recovery *Modified: rsscope Configure Acquisition Record.vi - command changed rsscope Configure Time Base.vi - restrict default value rsscope Configure Current Probe Predefined.vi - RT-ZZ60 >> RT-ZZ80 rsscope Configure Trigger.vi - CDR added rsscope Configure Trigger Qualification.vi - CDR added rsscope Configure Trigger Qualification Multichannel Logic.vi - CDR added rsscope Configure Multiple Measurement Number.vi - range rsscope Configure MeasurementCategory.vi - Jitter added rsscope Configure Cursor.vi - removed Type values rsscope Configure Cursor Envelope Waveform Selection.vi - Both removed rsscope Configure Amplitude Time Limit Check.vi - changed rep_cap rsscope Configure Amplitude Time Limit Check Limits.vi - changed rep_cap rsscope Configure Amplitude Time Limit Check Margins.vi - changed rep_cap rsscope Configure Long Term Vertical Continuous Auto Scaling.vi - Default value changed rsscope Configure Reference Level Auto Settings.vi - Mode UPLM, UMLP, UALM added rsscope Configure Mask Test Definition Type.vi - Eye added rsscope Configure I2C TriggerAddress.vi - Type auto removed rsscope Query I2C Frame Status.vi - RW byte undefined added rsscope Configure Math Vertical Scale.vi - range rsscope Query FFT Frame Coverage.vi - changed data type rsscope Configure Reference Waveform Vertical Scaling.vi - Vertical scale range *New: rsscope Query Detected Probe Gain.vi rsscope Configure Measurement Diagram Fine Grid Scale.vi rsscope Configure Mask Test Eye Shape.vi rsscope Configure Mask Test Eye Polygon.vi rsscope Configure Mask Test Eye Top Bottom.vi rsscope Configure Mask Test Eye Center.vi</p>

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		rsscope Read Jitter Waveform Measurement.vi rsscope Fetch Jitter Waveform Measurement.vi
1.47.0	04/2013	<ul style="list-style-type: none"> * Added subsystems: <ul style="list-style-type: none"> - Audio Signals Subsystem - Waveform Label subsystem - Histogram Export - Long Term And Meas Histograms Export * Modified: <ul style="list-style-type: none"> - rsscope Query Probe Characteristics.vi - Attenuation data type - rsscope Configure Probe Attenuation.vi - Attenuation range - rsscope Configure Probe Gain.vi - Range - rsscope Configure Current Probe Predefined.vi - ZD01_100, ZD01_1000, ZZ60 - rsscope Configure Serial Bus Trigger Source.vi - Audio Protocol - rsscope Query Trigger Out Delay.vi - Range - rsscope Configure Color Table Assignment.vi - Sources (Track waveforms) - rsscope Add Diagram.vi - Sources (Track waveforms) - rsscope Show Waveform In Diagram.vi - Sources (Track waveforms) - rsscope Remove Waveform From Diagram.vi - Sources (Track waveforms) - rsscope Configure Measurement Category.vi - Protocol - rsscope Configure Cursor.vi - Sources (Track waveforms) - rsscope Create New Histogram.vi - Source (MRES) - rsscope Configure Histogram Source.vi - Source (MRES) - rsscope Configure Reset Statistics Settings.vi - Removed NONE, added meas - rsscope Auto Probe Sense Value.vi - String to real - rsscope Configure Mask Test Waveform Rescale.vi - ranges - rsscope Configure Search Source.vi - Source D0-D15 - rsscope Configure Edge Trigger Search.vi - Source D0-D15 - rsscope Configure Glitch Trigger Search.vi - Source D0-D15 - rsscope Configure Width Trigger Search.vi - Source D0-D15 - rsscope Configure Runt Trigger Search.vi - Source D0-D15 - rsscope Configure Window Trigger Search.vi - Source D0-D15 - rsscope Configure Timeout Trigger Search.vi - Source D0-D15 - rsscope Configure Interval Trigger Search.vi - Source D0-D15 - rsscope Configure Slew Rate Trigger Search.vi - Source D0-D15 - rsscope Configure Data2Clock Trigger Search.vi - Source D0-D15 - rsscope Configure Search Noise Reject.vi - Source D0-D15 - rsscope Configure I2C Source.vi - Source D0-D15 - rsscope Configure SPI Source.vi - Source D0-D15 - rsscope Configure UART Source.vi - Source D0-D15 - rsscope Configure LIN Source.vi - Source D0-D15

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		<ul style="list-style-type: none"> - rsscope Configure CAN Source.vi - Source D0-D15 - rsscope Configure FlexRay Source.vi - Source D0-D15 - rsscope Configure Math Setup.vi - Smooth >> RMS - rsscope Configure FFT Frequency Center Span.vi - Span Range - rsscope Configure FFT Resolution Bandwidth.vi - BW Range - rsscope Configure FFT Frame Setup.vi - Smooth >> RMS - rsscope Configure FFT Magnitude.vi - Reference Level Range - rsscope Fetch Waveform.vi - Initial X and X Increment - rsscope Fetch Math Waveform.vi - uses dataReadTrace - rsscope Configure Waveform Export Source.vi - D0-D15 repaired, TRK * New: <ul style="list-style-type: none"> - rsscope Query Detected Probe Gain.vi - rsscope Configure Diagram Zoom Overlay.vi - rsscope Configure Diagram Zoom Position Coupling.vi - rsscope Configure Long Term Vertical Continuous Auto Scaling.vi - rsscope Configure Reset Statistics Measurements Count.vi - rsscope Configure Mask Test Save Path.vi - rsscope Configure Mask Test Manager Operations.vi - rsscope Configure Data Format.vi - rsscope Set Reference Levels.vi - rsscope Read Math Waveform.vi - rsscope Configure Waveform Export Channel.vi - rsscope Configure Waveform Export Multichannel.vi - rsscope Configure Waveform Export Fast Export.vi
1.40.1	09/2012	<p>Modified:</p> <p>Fixed rsscope Configure Measurement Source.vi - swapped source controls</p> <p>Removed range checking for channel vertical scale (attribute RSSCOPE_ATTR_VERTICAL_SCALE, rsscope Configure Channel Vertical Scale.vi)</p>
1.40.0	08/2012	<p>Support for RTO version 1.40 added</p> <p>Modified:</p> <p>rsscope Configure Channel External Attenuation.vi - Attenuation range</p> <p>rsscope Configure Trigger.vi - NFC trigger added</p> <p>rsscope Configure Noise Reject.vi - Absolute Hysteresis help changed</p> <p>rsscope Configure Trigger Qualification.vi - NFC trigger added</p> <p>rsscope Configure Trigger Qualification Multichannel Logic.vi - NFC trigger added</p> <p>rsscope Search Trigger Copy Configuration.vi - added support for Pattern, State trigger</p> <p>- copy from B only for Edge trigger</p> <p>RSSCOPE_ATTR_PROTOCOL_UART_STOP_BITS - command string changed - B1_5 >> B15</p> <p>rsscope Configure FlexRay Trigger Data Position.vi - Condition values removed from ring</p> <p>rsscope Configure Waveform Export Source.vi - Source D0-D15</p>
1.35.1	05/2012	Bugfix - attribute configuration fixed

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1.35.0	02/2012	<p>Support for RTO version 1.35 added</p> <p>Modified:</p> <ul style="list-style-type: none"> rsscope Configure Edge Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Runt Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Glitch Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Width TriggerSource.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Window Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Timeout Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Interval Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Slew Rate Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Data2Clock Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Serial Pattern Trigger Source.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Noise Reject.vi - control "Trigger Source", added External & Serial Bus rsscope Configure Amplitude Time Main Measurement.vi - added SHT, SHR rsscope Configure Amplitude Time Additional Measurement.vi - added Edge count, SHT, SHR rsscope Configure Amplitude Time Slope.vi - added Clock count rsscope Configure Amplitude Time Limit Check.vi - added Pulse & Edge count, SHT, SHR rsscope Configure Amplitude Time Limit Check Limits.vi - added Pulse & Edge count, SHT, SHR rsscope Configure Amplitude Time Limit Check Margins.vi - added Pulse & Edge count, SHT, SHR rsscope Configure Spectrum Settings.vi - "Channel Center Frequency", range changed rsscope Read Main Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Read Amplitude Time Waveform Measurement.vi - added Statistic Type "Waveform", Measurement Function Edge count, SHT, SHR, Setup & Hold time rsscope Read Eye Jitter Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Read Histogram Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Read Spectrum Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Fetch Main Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Fetch Amplitude Time Waveform Measurement.vi - added Statistic Type "Waveform", Measurement Function Edge count, SHT, SHR, Setup & Hold time rsscope Fetch Eye Jitter Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Fetch Histogram Waveform Measurement.vi - added Statistic Type "Waveform" rsscope Fetch Spectrum Waveform Measurement.vi - added Statistic Type "Waveform"
1.27.1	10/2011	<p>Modifications:</p> <p>New:</p> <ul style="list-style-type: none"> rsscope Configure Probe Detection.vi rsscope Configure Current Probe Predefined.vi rsscope Query SPI Word Count.vi <p>Modified:</p> <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ACCESS_BIT - added "Undefined" RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_OR_ACCESS_BIT

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		<p>RSSCOPE_ATTR_TRIGGER_SOURCE - added Digital Channels, Parallel Bus, RSSCOPE_ATTR_PROTOCOL_TYPE - command parameter chaned FLEXray -> FLXRay rsscope rsscope Query SPI Frame Count.vi - command chaned BUS<Serial Bus>:SPI:FRAMe:COUNT? -> BUS<Serial Bus>:SPI:FCOut?</p> <p>RSSCOPE_ATTR_PROTOCOL_SPI_FRAME_COUNT</p> <p>rsscope Configure Cursor.vi - added source for Digital Channels and Digital Buses</p> <p>rsscope Remove Waveform From Diagram.vi</p> <p>rsscope Configure Measurement Source.vi - added source for Digital Channels</p> <p>rsscope Configure Cursor Envelope Waveform Selection.vi - added "Both" cursor position</p> <p>RSSCOPE_ATTR_CURSOR_ENVELOPE_CURVE</p> <p>rsscope Configure Amplitude Time Main Measurement.vi - added Pulse Train measurement</p> <p>rsscope Configure Amplitude Time Additional Measurement.vi</p> <p>rsscope Read Amplitude Time Waveform Measurement.vi</p> <p>rsscope Fetch Amplitude Time Waveform Measurement.vi</p> <p>rsscope Configure Probe Attenuation.vi - Mode control removed</p> <p>rsscope Query LIN Frame Field.vi - result for Sync field value is not available</p> <p>rsscope Query SPI Frame Status.vi - removed controls SS Start, SS Stop, Error Word Length</p>
1.27.0	08/2011	<ul style="list-style-type: none"> * Support for RTO version 1.27.x added * Added subsystems: <ul style="list-style-type: none"> - History - LIN - CAN - Waveform Export * Removed: <ul style="list-style-type: none"> - In class Protocol, all attributes containing or repeated capability. - RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_NACK, RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_DATA_WRITE_NACK, RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_DATA_READ_NACK replaced by RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_NO_ACK - RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_END replaced by RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_MAX - RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS replaced by RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ADDRESS_MIN * Modified: <ul style="list-style-type: none"> - RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ACCESS renamed to RSSCOPE_ATTR_PROTOCOL_I2C_TRIGGER_ACCESS_BIT - All VIs in Decode Results class doesn't use attributes. - All VIs that query pattern now use attribut RSSCOPE_ATTR_SET_QUERY_PATTERN_FORMAT, pattern format is set to decimal. - All Waveform Acquisition rsscope Read* VIs initiate measurement by using RUN single instead send SW trigger - rsscope Configure Amplitude Time Settings.vi - added Pulse train count - RSSCOPE_ATTR_REFERENCE_LEVEL_RELATIVE_LEVELS - added settings for user defined levels

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		<ul style="list-style-type: none"> - rsscope Configure UART Trigger Type.vi - added control for Trigger event selection; default source is now Tx <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_MODE - added Trigger repeated capability RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_SOURCE - rsscope Configure UART Trigger Data.vi - added control for Trigger event selection; default value for index is now 0 <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_PATTERN_CONDITION - added Trigger repeated capability RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_PATTERN RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION_INDEX_MIN RSSCOPE_ATTR_PROTOCOL_UART_TRIGGER_DATA_POSITION_INDEX_MAX - rsscope Configure UART.vi - maximum bit rate is now 20000000; Polarity updated <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_UART_BIT_RATE - rsscope Configure UART Threshold.vi - command changed <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_UART TECHNOLOGY - rsscope Configure I2C Threshold.vi - command changed <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_I2C TECHNOLOGY - rsscope Configure SPI Threshold.vi - command changed <ul style="list-style-type: none"> RSSCOPE_ATTR_PROTOCOL_SPI TECHNOLOGY - rsscope Query I2C Frame All Data.vi - API changed, now returns array - rsscope Query SPI Frame All Data.vi - rsscope Configure Mask Test Rescale - XOffset added - rsscope Configure I2C Trigger Address.vi - Condition added, Address Max added, Address is now string - rsscope Configure I2C Trigger NoAck.vi - attributes merged in to RSSCOPE ATTR PROTOCOL I2C TRIGGER NO ACK: <ul style="list-style-type: none"> - rsscope Configure SPI Trigger Data.vi - condition added, position removed RSSCOPE_ATTR_PROTOCOL_SPI_TRIGGER_PATTERN - repeated capability changed - rsscope Fetch Waveform.vi - command changed - Read Trace - waiting for OPC added - rsscope Reset.vi - *WAI added <ul style="list-style-type: none"> - rsscope Query Mask Test Results.vi - changed syntax of commands - rsscope Configure Spectrum Limit Check Margins.vi - fixed, now uses correct attributes - rsscope Initiate Acquisition.vi - waiting for OPC added for "Single" sweep <ul style="list-style-type: none"> RSSCOPE_ATTR_RUN_SINGLE * New: <ul style="list-style-type: none"> - rsscope Configure Record Length Limit.vi - rsscope Configure Channel Digital Filter.vi - rsscope Configure Channel Digital Filter Trigger.vi - rsscope Configure Channel External Attenuation.vi - rsscope Configure Probe Attenuation.vi

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		<ul style="list-style-type: none"> - rsscope Configure Reference Oscilator.vi - rsscope Configure Reference Level Relative User Levels.vi - rsscope Query I2C Frame Length.vi - rsscope Configure SPI Frame Start.vi - rsscope Configure Trigger Out Signal.vi - rsscope Query Trigger Out Delay.vi - rsscope Query History Acquisitions Count.vi - rsscope Configure Envelope Measurement.vi - rsscope Configure I2C Trigger Address OR State.vi - rsscope Configure I2C Trigger Address OR.vi - rsscope Configure I2C Trigger Data.vi - rsscope Configure SPI Trigger Data Position.vi
1.1.1	05/2011	<p>Modifications:</p> <p>rsscope Configure Channel.vi - fixed repeated capability</p>
1.1.0	03/2011	<p>Support for RTO version 1.10 added</p> <p>Added subsystems:</p> <p>Probe Calibration Display Histogram Display Gate Measurement Long Term And Statistics Measurement Reference Level Search Protocol Hardcopy Math FFT Gating Reference Waveform</p> <p>New VIs:</p> <p>rsscope Configure Serial Bus Trigger Source.vi rsscope Configure Trigger Lines Display.vi rsscope Configure Measurement Display Intermediate Results.vi rsscope Configure Measurement Display Style.vi rsscope Configure Amplitude Time Settings.vi rsscope Configure Amplitude Time Limit Check.vi rsscope Configure Amplitude Time Limit Check Limits.vi rsscope Configure Amplitude Time Limit Check Margins.vi rsscope Configure Eye Jitter Limit Check.vi rsscope Configure Eye Jitter Limit Check Limits.vi rsscope Configure Eye Jitter Limit Check Margins.vi</p>

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		rsscope Configure Spectrum Settings.vi rsscope Configure Spectrum Limit Check rsscope Configure Spectrum Limit Check Limits.vi rsscope Configure Spectrum Limit Check Margins.vi rsscope Selects Histogram.vi rsscope Configure Histogram Probability Domain Marker Settings.vi rsscope Configure Histogram Limit Check.vi rsscope Configure Histogram Limit Check Limits.vi rsscope Configure Histogram Limit Check Margins.vi rsscope Read Reference Level Result.vi rsscope Fetch Math Waveform.vi rsscope Fetch Math Waveform Header.vi rsscope Fetch Reference Waveform.vi rsscope Fetch Reference Waveform Header.vi Modified VIs: rsscope Configure Trigger.vi rsscope Configure Window Trigger Source.vi rsscope Configure FFT Frequency Start Stop.vi Removed VI: rsscope Query Mask Test Count.vi
1.0.0	12/2010	Initial release

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