

LabWindows/CVI, VXIplug driver history for the R&S® SGMA Vector RF Source

Products:

| R&S®SGT100A



Driver history for LabWindows/CVI and
VXIplug&play Instrument Driver for
C/C++, VEE, etc.

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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
SGT100A	4.70.xxx	

2 LabWindows/CVI and VXIplug&play driver history

rsgt Instrument Driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
1.6.5	02/2020	* Driver bug fixes
1.6.4	07/2019	<ul style="list-style-type: none"> * New functions: <ul style="list-style-type: none"> - rsgt_PowerServoingSet * Updated functions: <ul style="list-style-type: none"> - rsgt_ConfigureARBMarkerDelay - parameter 'Fix Marker Delay' no longer used - rsgt_ARBMultisegmentLoadFromConfigurationFile - help updated * New attributes: <ul style="list-style-type: none"> - RSSGT_ATTR_PSER_SENSOR - RSSGT_ATTR_PSER_APER - RSSGT_ATTR_PSER_STATE - RSSGT_ATTR_PSER_TARGET - RSSGT_ATTR_PSER_TEST - RSSGT_ATTR_PSER_TOL - RSSGT_ATTR_PSER_TRACK - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_PHASE_OFFSET * Deleted attributes: <ul style="list-style-type: none"> - RSSGT_ATTR_ARB_FIX_MARKER_DELAY_TO_CURRENT_RANGE * Updated repeated capabilities: <ul style="list-style-type: none"> - IQOutput - valid values changed from 1..4 to 0..1
1.6.3	04/2018	<ul style="list-style-type: none"> * Driver bug fixes * New functions: <ul style="list-style-type: none"> - rsgt_ReadPowerMeasurement * Deleted attributes: <ul style="list-style-type: none"> - RSSGT_ATTR_POWER_BASEBAND_ACQUISITION - RSSGT_ATTR_POWER_BASEBAND_DURATION - RSSGT_ATTR_POWER_BASEBAND_GATE_SOURCE - RSSGT_ATTR_POWER_BASEBAND_INDEX - RSSGT_ATTR_POWER_BASEBAND_MEASUREMENT_STATE - RSSGT_ATTR_POWER_BASEBAND_OUTPUT - RSSGT_ATTR_POWER_BASEBAND_RUN_MODE - RSSGT_ATTR_POWER_BASEBAND_SOURCE - RSSGT_ATTR_POWER_BASEBAND_STATUS * Updated attributes <ul style="list-style-type: none"> - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_DELAY - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_ENABLED - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_LEAKAGE_I - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_LEAKAGE_Q - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_QUADRATURE_OFFSET - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_RATIO - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_SKEW - RSSGT_ATTR_POWER_READ_POWER (deprecated)
1.6.2.0	09/2016	* Driver bug fixes
1.6.1.0	08/2016	* New attributes:

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		<ul style="list-style-type: none"> - RSGT_ATTR_RF_FREQUENCY_OFFSET (RF Frequency Offset) * Updated functions: - rsgt_MMemoryStore - SCPI command '*SAV' added - rsgt_MMemoryLoad - SCPI command '*RCL' added - rsgt_ConfigureEnvelopeTrackingPolynomialCoefficients - modified implementation, Imaginary parameter removed from API
1.6.0.0	03/2016	<ul style="list-style-type: none"> * Added Power Measurement * New functions: - rsgt_ClearStatus - rsgt_IDQueryResponse - rsgt_ProcessAllPreviousCommands - rsgt_QueryOPC * Updated functions: - rsgt_ConfigureARBOffsets - help updated - rsgt_MMemoryBlockDataRead - added new parameter 'Bytes Read' to API - rsgt_ARBMultiSegmentAppendSegmentToPlayList - bug fixed formatting SCPI command parameter 'Next' - RSGT_ATTR_ARB_ENABLED - added *WAI - rsgt_ConfigureARB - help updated - rsgt_SystemProtect - added new parameter 'Level' to API - rsgt_ReadARBFileTag - removed the leading # character and digits, tailing new line character from the response - rsgt_ReadARBTag - removed the tailing new line character from the response - rsgt_ARBTriggerStatus - added new parameter 'Array Size' to API - rsgt_ConfigureARBMultiCarr - range checking removed at parameters 'Frequency', 'Gain', 'Phase' and 'Delay' - rsgt_ConfigureARBMultiCarrierTable - range checking removed from all parameters - rsgt_ConfigureFrequencyPhase - range checking removed at parameter 'Frequency' and 'Delta Phase' - rsgt_enumerate_socket_devices - help updated - rsgt_MMemoryReadToFileFromInstrument - code improvement - rsgt_ConfigurePowerMeasurement - range checking removed at parameter 'Level Offset' - rsgt_ConfigureARBMultiCarrierClipping - range checking removed at parameter 'Target Crest Factor' and 'Filter Cut Off Frequency' - rsgt_ConfigureARBMultiCarrier - range checking removed at parameter 'Carrier Spacing', 'Number Of Carriers' and 'Signal Period' - rsgt_ConfigureReferenceOscillatorAdjustment - range checking removed at parameter 'Small Shift' - rsgt_ConfigureAWGNNoiseOnly - range checking removed at parameter 'System Bandwidth' - rsgt_ConfigureIQImpairments - range checking removed at parameter 'I Offset', 'Q Offset', 'Gain Imbalance' and 'Quadrature Offset' - rsgt_ConfigureLevelAttenuatorSettings - range checking removed at parameter 'SATT' - rsgt_ConfigureARBMarkerDivider - range checking removed at parameter 'Divider' - rsgt_ConfigureARBMultiCarrierTableCarrier - range checking removed at parameter 'Carrier Start' and 'Carrier Stop' - rsgt_ConfigureARBSineTestSignal - range checking removed from all parameters - rsgt_ConfigureARBRectTestSignal - range checking removed from all parameters - rsgt_ARBMultiCarrierTableNumberOfCarriers - range checking removed at parameter 'Number Of Carriers' - rsgt_ConfigureARBCIQTestSignal - range checking removed from all parameters * Deleted functions: - rsgt_MMemoryDrive
15.1.0	01/2016	<ul style="list-style-type: none"> * Attribute help update * Updated functions: - rsgt_UseFastSettings

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		* Updated attributes: - RSGT_ATTR_ID_QUERY_RESPONSE
1.5.0.0	09/2015	* New functions: - rsgt_GetFastSettings - rsgt_enumerate_socket_devices
1.3.0.5	06/2015	* Bug fixed in the callback functions * Attribute help updated
1.3.0.4	06/2015	* Updated attributes: - RSGT_ATTR_ARB_MULTISEGMENT_OUTPUT_SEGMENT - Data type changed from ViInt32 to ViReal64
1.3.0.3	06/2015	* New functions: - rsgt_SelectActivePath * Updated class: - ARB - removed path from all functions, path is selected with function rsgt_SelectActivePath
1.3.0.2	05/2015	* Updated functions: - rsgt_MMemoryReadToFileFromInstrument - rsgt_MMemoryWriteFromFileToInstrument
1.3.0.1	05/2015	* New functions: - rsgt_MMemoryReadToFileFromInstrument - rsgt_MMemoryWriteFromFileToInstrument
1.3.0	05/2015	* Added Digital Predistortion subsystem * Added Envelope Tracking subsystem * Added Path to the ARB subsystem * New functions: - rsgt_ConfigureARBFileClock * Updated functions: - rsgt_ConfigureIQImpairments - attribute at parameter Enabled changed - rsgt_ConfigureARBTriggerSource - ring values fixed - rsgt_ConfigureLocalOscillatorSource - ring names fixed - rsgt_ConfigureReferenceOscillatorSource - ring names fixed * New attributes: - RSGT_ATTR_BB_SYSTEM_CONFIGURATION (BB System Configuration) - RSGT_ATTR_BB_PULSE_SEQUENCER_INFO (BB Pulse Sequencer Info) - RSGT_ATTR_ARB_MULTISEGMENT_LEVEL (ARB Multisegment Level) - RSGT_ATTR_IQ_OUTPUT_ANALOG_ENABLED (IQ Output Analog Enabled) - RSGT_ATTR_IQ_OUTPUT_ANALOG_SET_TO_DEFAULT (IQ Output Analog Set To Default) - RSGT_ATTR_IQ_OUTPUT_ANALOG_TYPE (IQ Output Analog Type) - RSGT_ATTR_IQ_OUTPUT_ANALOG_LOAD_SETTINGS (IQ Output Analog Load Settings) - RSGT_ATTR_IQ_OUTPUT_ANALOG_STORE_SETTINGS (IQ Output Analog Store Settings) - RSGT_ATTR_IQ_OUTPUT_ANALOG_DELETE_SETTINGS (IQ Output Analog Delete Settings) - RSGT_ATTR_IQ_OUTPUT_ANALOG_SETTINGS_CATALOG (IQ Output Analog Settings Catalog) - RSGT_ATTR_IQ_OUTPUT_ANALOG_I_OFFSET (IQ Output Analog I Offset) - RSGT_ATTR_IQ_OUTPUT_ANALOG_Q_OFFSET (IQ Output Analog Q Offset) - RSGT_ATTR_IQ_OUTPUT_ANALOG_DISPLAY_POWER_VIA (IQ Output Analog Display Power Via) - RSGT_ATTR_ENVELOPE_TRACKING_RF_ENVELOPE (Envelope Tracking RF Envelope) - RSGT_ATTR_ENVELOPE_TRACKING_VOLTAGE_ADAPTATION (Envelope Tracking Voltage Adaptation) - RSGT_ATTR_ENVELOPE_TRACKING_ETRACK_INTERFACE_TYPE (Envelope Tracking eTrack Interface Type) - RSGT_ATTR_ENVELOPE_TRACKING_VOLTAGE_REFERENCE (Envelope Tracking Voltage Reference)

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		<ul style="list-style-type: none"> - RSGT_ATTR_ENVELOPE_TRACKING_VOUT_MAX (Envelope Tracking Vout Max) - RSGT_ATTR_ENVELOPE_TRACKING_VOUT_MIN (Envelope Tracking Vout Min) - RSGT_ATTR_ENVELOPE_TRACKING_BIAS (Envelope Tracking Bias) - RSGT_ATTR_ENVELOPE_TRACKING_OFFSET (Envelope Tracking Offset) - RSGT_ATTR_ENVELOPE_TRACKING_VPP_MAX (Envelope Tracking Vpp Max) - RSGT_ATTR_ENVELOPE_TRACKING_EMF_ENABLED (Envelope Tracking EMF Enabled) - RSGT_ATTR_ENVELOPE_TRACKING_RIN (Envelope Tracking Rin) - RSGT_ATTR_ENVELOPE_TRACKING_TERMINATION (Envelope Tracking Termination) - RSGT_ATTR_ENVELOPE_TRACKING_BIPOLAR_INPUT_ENABLED (Envelope Tracking Bipolar Input Enabled) - RSGT_ATTR_ENVELOPE_TRACKING_GAIN (Envelope Tracking Gain) - RSGT_ATTR_ENVELOPE_TRACKING_VCC_OFFSET (Envelope Tracking Vcc Offset) - RSGT_ATTR_ENVELOPE_TRACKING_VCC_MAX (Envelope Tracking Vcc Max) - RSGT_ATTR_ENVELOPE_TRACKING_VCC_MIN (Envelope Tracking Vcc Min) - RSGT_ATTR_ENVELOPE_TRACKING_PEP_IN_MAX (Envelope Tracking PEPin Max) - RSGT_ATTR_ENVELOPE_TRACKING_PEP_IN_MIN (Envelope Tracking PEPin Min) - RSGT_ATTR_ENVELOPE_TRACKING_POWER_OFFSET (Envelope Tracking Power Offset) - RSGT_ATTR_ENVELOPE_TRACKING_DELAY (Envelope Tracking Delay) - RSGT_ATTR_ENVELOPE_TRACKING_CALCULATE_ENVELOPE_FROM_PREDISTORTED_SIGNAL (Envelope Tracking Calculate Envelope from Predistorted Signal) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING (Envelope Tracking Shaping) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_DETROUGHING_FUNCTION (Envelope Tracking Shaping Detroughing Function) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_COUPLE_DETROUGHING_FACTOR_WITH_VCC (Envelope Tracking Shaping Couple Detroughing Factor with Vcc) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_DETROUGHING_FACTOR (Envelope Tracking Shaping Detroughing Factor) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_DETROUGHING_EXPONENT (Envelope Tracking Shaping Detroughing Exponent) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_PRE_GAIN (Envelope Tracking Shaping Pre Gain) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_POST_GAIN (Envelope Tracking Shaping Post Gain) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_INTERPOLATION (Envelope Tracking Shaping Interpolation) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_SCALE (Envelope Tracking Shaping Scale) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_CLIPPING_FROM (Envelope Tracking Shaping Clipping From) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_CLIPPING_TO (Envelope Tracking Shaping Clipping To) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_FILE_CATALOG (Envelope Tracking Shaping File Catalog) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_SELECT_FILE (Envelope Tracking Shaping Select File) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_PV_FILE_CATALOG (Envelope Tracking Shaping PV File Catalog) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_PV_SELECT_FILE (Envelope Tracking Shaping PV Select File) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_POLYNOMIAL_FILE_CATALOG (Envelope Tracking Shaping Polynomial File Catalog) - RSGT_ATTR_ENVELOPE_TRACKING_SHAPING_POLYNOMIAL_LOAD_FILE (Envelope Tracking Shaping Polynomial Load File)

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		<ul style="list-style-type: none"> - RSSGT_ATTR_ENVELOPE_TRACKING_SHAPING_POLYNOMIAL_SAVE_FILE (Envelope Tracking Shaping Polynomial Save File) - RSSGT_ATTR_DIGITAL_PREDISTORTION_ENABLED (Digital Predistortion Enabled) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SET_TO_DEFAULT (Digital Predistortion Set To Default) - RSSGT_ATTR_DIGITAL_PREDISTORTION_LOAD_SETTINGS (Digital Predistortion Load Settings) - RSSGT_ATTR_DIGITAL_PREDISTORTION_STORE_SETTINGS (Digital Predistortion Store Settings) - RSSGT_ATTR_DIGITAL_PREDISTORTION_DELETE_SETTINGS (Digital Predistortion Delete Settings) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SETTINGS_CATALOG (Digital Predistortion Settings Catalog) - RSSGT_ATTR_DIGITAL_PREDISTORTION_AM_AM_FIRST (Digital Predistortion AM/AM First) - RSSGT_ATTR_DIGITAL_PREDISTORTION_LEVEL_REFERENCE (Digital Predistortion Level Reference) - RSSGT_ATTR_DIGITAL_PREDISTORTION_MAXIMUM_OUTPUT_LEVEL_ERROR (Digital Predistortion Maximum Output Level Error) - RSSGT_ATTR_DIGITAL_PREDISTORTION_MAXIMUM_NUMBER_OF_ITERATIONS (Digital Predistortion Maximum Number of Iterations) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INTERACTIONS_STATUS (Digital Predistortion Interactions Status) - RSSGT_ATTR_DIGITAL_PREDISTORTION_ACHIEVED_OUTPUT_LEVEL_ERROR (Digital Predistortion Achieved Output Level Error) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INPUT_PEP (Digital Predistortion Input PEP) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INPUT_LEVEL (Digital Predistortion Input Level) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INPUT_CREST_FACTOR (Digital Predistortion Input Crest Factor) - RSSGT_ATTR_DIGITAL_PREDISTORTION_OUTPUT_PEP (Digital Predistortion Output PEP) - RSSGT_ATTR_DIGITAL_PREDISTORTION_OUTPUT_LEVEL (Digital Predistortion Output Level) - RSSGT_ATTR_DIGITAL_PREDISTORTION_OUTPUT_CREST_FACTOR (Digital Predistortion Output Crest Factor) - RSSGT_ATTR_DIGITAL_PREDISTORTION_AM_AM_STATE (Digital Predistortion AM/AM State) - RSSGT_ATTR_DIGITAL_PREDISTORTION_AM_PM_STATE (Digital Predistortion AM/PM State) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING (Digital Predistortion Shaping) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INTERPOLATION (Digital Predistortion Interpolation) - RSSGT_ATTR_DIGITAL_PREDISTORTION_INVERT_CORRECTION_VALUES (Digital Predistortion Invert Correction Values) - RSSGT_ATTR_DIGITAL_PREDISTORTION_MAXIMUM_PEP_INPUT_POWER (Digital Predistortion Maximum PEP Input Power) - RSSGT_ATTR_DIGITAL_PREDISTORTION_MINIMUM_PEP_INPUT_POWER (Digital Predistortion Minimum PEP Input Power) - RSSGT_ATTR_DIGITAL_PREDISTORTION_PRE_GAIN (Digital Predistortion Pre Gain) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_TABLE_AM_AM_FILE_CATALOG (Digital Predistortion Shaping Table AM/AM File Catalog) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_TABLE_AM_AM_SELECT_FILE (Digital Predistortion Shaping Table AM/AM Select File) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_TABLE_AM_PM_FILE_CATALOG (Digital Predistortion Shaping Table AM/PM File Catalog) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_TABLE_AM_PM_SELECT_FILE (Digital Predistortion Shaping Table AM/PM Select File) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_POLYNOMIAL_FILE_CATALOG (Digital Predistortion Shaping Polynomial File Catalog) - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_POLYNOMIAL_LOAD_FILE (Digital Predistortion Shaping Polynomial Load File)

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		<ul style="list-style-type: none"> - RSSGT_ATTR_DIGITAL_PREDISTORTION_SHAPING_POLYNOMIAL_SAVE_FILE (Digital Predistortion Shaping Polynomial Save File) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_ENABLED (IQ Output Impairments Enabled) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_DELAY (IQ Output Impairments Delay) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_RATIO (IQ Output Impairments Ratio) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_LEAKAGE_I (IQ Output Impairments Leakage I) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_LEAKAGE_Q (IQ Output Impairments Leakage Q) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_QUADRATURE_OFFSET (IQ Output Impairments Quadrature Offset) - RSSGT_ATTR_IQ_OUTPUT_IMPAIRMENTS_SKEW (IQ Output Impairments Skew) - RSSGT_ATTR_RF_LEVEL_OFFSET (RF Level Offset) - RSSGT_ATTR_RF_LEVEL (RF Level) - RSSGT_ATTR_RF_LEVEL_RANGE_WARNINGS (RF Level Range Warnings) - RSSGT_ATTR_BBIN_OUTPUT_DELAY (BBIN Output Delay) - RSSGT_ATTR_SYSTEM_GPIB_RESOURCE (System GPIB Resource) - RSSGT_ATTR_SYSTEM_GPIB_ADDRESS (System GPIB Address) - RSSGT_ATTR_SYSTEM_GPIB_LINE_TERMINATOR (System GPIB Line Terminator) - RSSGT_ATTR_SYSTEM_NETWORK_IP_ADDRESS_DNS (System Network IP Address DNS) <p>* Deleted attributes:</p> <ul style="list-style-type: none"> - RSSGT_ATTR_TRIGGER_CONTROL_INPUT_THRESHOLD - RSSGT_ATTR_TEST_BIT_ERROR_RATE - RSSGT_ATTR_TEST_INTERFACE_SPEED - RSSGT_ATTR_TEST_PSEUDO_RANDOM_SEQUENCE_ENABLED - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_OVERFLOW_SINCE_LAST_RESET - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_OVERFLOW_ENABLED - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_CONNECTED_INSTRUMENTS - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_POWER_ON_STATE - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_LEVEL - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_LEVEL_PEP - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_STEP_MODE - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_STEP_WIDTH - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_SAMPLE_RATE - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_SIGNAL_TRANSMISSION - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_SAMPLE_RATE_SOURCE - RSSGT_ATTR_IQ_OUTPUT_DIGITAL_ENABLED - RSSGT_ATTR_IQ_OUTPUT_LEVEL <p>* Modified attributes:</p> <ul style="list-style-type: none"> - 'Path' repeated capability added to the ARB subsystem - RSSGT_ATTR_REFERENCE_OSCILLATOR_EXTERNAL_FREQUENCY (Reference Oscillator External Frequency) - Range table fixed - RSSGT_ATTR_ARB_MULTISEGMENT_NEXT_SEGMENT_SOURCE (ARB Multisegment Next Segment Source) - Range table renamed, old range table was used with different attribute that used different values <p>* Modified Range Tables:</p> <ul style="list-style-type: none"> - rsgt_rngARBMultisegmentLevelMode.RSSGT_VAL_ARB_LEVEL_MODE_ERMS - RSSGT_ATTR_ARB_MULTISEGMENT_LEVEL_MODE Enum name changed ("EqualRMS", "ERMS") - rsgt_rngARBMultisegmentLevelMode.RSSGT_VAL_ARB_LEVEL_MODE_ERMS - RSSGT_ATTR_ARB_MULTISEGMENT_LEVEL_MODE Description changed ("Equal RMS", "ERMS")

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		<ul style="list-style-type: none"> - rsgt_rngROSCSynchronizationBandwidth.RSSGT_VAL_ROSC_SBAN_WIDE - RSSGT_ATTR_REFERENCE_OSCILLATOR_SYNCHRONIZATION_BANDWIDTH Enum name changed ("Wide", "Standard") - rsgt_rngROSCSynchronizationBandwidth.RSSGT_VAL_ROSC_SBAN_WIDE - RSSGT_ATTR_REFERENCE_OSCILLATOR_SYNCHRONIZATION_BANDWIDTH Help changed ("Synchronization bandwidth is approx. 250 Hz.", "Synchronization bandwidth is approx. 750 Hz.") - rsgt_rngROSCSynchronizationBandwidth.RSSGT_VAL_ROSC_SBAN_WIDE - RSSGT_ATTR_REFERENCE_OSCILLATOR_SYNCHRONIZATION_BANDWIDTH Description changed ("Wide", "Standard") - rsgt_rngROSCSynchronizationBandwidth.RSSGT_VAL_ROSC_SBAN_NARROW - RSSGT_ATTR_REFERENCE_OSCILLATOR_SYNCHRONIZATION_BANDWIDTH Help changed ("Synchronization bandwidth is approx. 40 Hz.", "Synchronization bandwidth is approx. 1 Hz.") - rsgt_rngPULMSource.RSSGT_VAL_PULM_SOURCE_INTERNAL - RSSGT_ATTR_PULM_SOURCE Description changed ("Pulse Generator", "Internal") - rsgt_rngTriggerSour - RSSGT_ATTR_ARB_TRIGGER_SOURCE New items: RSSGT_VAL_TRIGGER_SOURCE_EXTERNAL - rsgt_rngTriggerSour - RSSGT_ATTR_ARB_TRIGGER_SOURCE Deleted items: RSSGT_VAL_TRIGGER_SOURCE_NEXT
1.2.1	01/2015	<ul style="list-style-type: none"> - rsgt_SetAttributeFlags - rsgt_GetAttributeFlags * Modified: - String attributes can now have arbitrary length - rsgt_ConfigureARBMultiCarr - Carrier range change to 1..32 - RSSGT_ATTR_ARB_MULTI_CARRIER_CONFLICT - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_DELAY - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_DATA_FILE - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_FREQUENCY - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_PHASE - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_POWER - rep_cap Carrier32 added - RSSGT_ATTR_ARB_MULTI_CARRIER_ENABLED - rep_cap Carrier32 added - attribute helps corrected
1.2.0	11/2014	<ul style="list-style-type: none"> * Added: - rsgt_SetFrequencyAndLevel - function panel - rsgt_UseFastSettings - function panel - rsgt_FastSync - function panel - rsgt_enumerate_pcie_devices - function panel - RSSGT_ATTR_PATH_COUNT * Modified: - RSSGT_ATTR_SYSTEM_SERIAL_PARITY - fixed command - rsgt_ConfigureARBMultiCarr - Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_CONFLICT - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_DELAY - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_DATA_FILE - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_FREQUENCY - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_PHASE - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_POWER - rep_cap Carrier0 removed - RSSGT_ATTR_ARB_MULTI_CARRIER_ENABLED - rep_cap Carrier0 removed - rsgt_ConfigureARBMarkerMode - marker max - rsgt_ConfigureARBMarkerDivider - marker max - rsgt_ConfigureARBMarkerDelay - marker max - RSSGT_ATTR_ARB_FIX_MARKER_DELAY_TO_CURRENT_RANGE - removed repeated capabilities - RSSGT_ATTR_ARB_MARKER_DELAY - removed M3, M4 rep_cap

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		<ul style="list-style-type: none"> - RSSGT_ATTR_ARB_FIXED_MARKER_DELAY_MAXIMUM - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_FIXED_MARKER_DELAY_MINIMUM - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_MODE - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_OFF_TIME - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_ON_TIME - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_PATTERN - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_PULSE_DIVIDER - removed M3, M4 rep_cap - RSSGT_ATTR_ARB_MARKER_PULSE_FREQUENCY - removed M3, M4 rep_cap * Removed - RSSGT_ATTR_IQ_MIMO_FADING_POWER_CORRECTION - RSSGT_ATTR_BASEBAND_TRIGGER_INPUT_SLOPE - RSSGT_ATTR_DATA_INPUT_IMPEDANCE - RSSGT_ATTR_DATA_INPUT_THRESHOLD - RSSGT_ATTR_INPUT_TRIGGER_SLOPE - RSSGT_ATTR_IQ_ANALOG_WIDEBAND_GAIN - RSSGT_ATTR_IQ_SWAP - RSSGT_ATTR_PULM_DOUBLE_ENABLED - RSSGT_ATTR_SYSTEM_EMODE - RSSGT_ATTR_TRIGGER_CONTROL_INPUT_IMPEDANCE
1.1.0	06/2014	<ul style="list-style-type: none"> * Added: - rsgt_Lock - rsgt_GetMemoryInformation - rsgt_SetDate - rsgt_GetDate - rsgt_SetTime - rsgt_GetTime - RSSGT_ATTR_USER_PATH - rsgt_SystemProtect - RSSGT_ATTR_TIME_ZONE - RSSGT_ATTR_TIME_ZONE_CATALOG - RSSGT_ATTR_IQ_SWAP - RSSGT_ATTR_IQ_SOURCE - rsgt_WriteARBDData - rsgt_ReadARBTag - rsgt_ReadARBFileTag - User Corrections subsystem - RSSGT_ATTR_CONNECTOR_CLOCK_IMPEDANCE - RSSGT_ATTR_CONNECTOR_CLOCK_SLOPE - RSSGT_ATTR_CONNECTOR_TRIGGER_IMPEDANCE - RSSGT_ATTR_CONNECTOR_TRIGGER_SLOPE - RSSGT_ATTR_IQ_IMPAIRMENTS_SWAP * Modified: - RSSGT_ATTR_CALIBRATION_ALL - removed synchronization - RSSGT_ATTR_CALIBRATION_FREQUENCY_TEMPERATURE - removed synchronization - RSSGT_ATTR_CALIBRATION_FREQUENCY - removed synchronization - RSSGT_ATTR_CALIBRATION_IQ_MODULATOR_FULL - removed synchronization - RSSGT_ATTR_CALIBRATION_IQ_MODULATOR_LOCAL - removed synchronization - RSSGT_ATTR_CALIBRATION_IQ_MODULATOR_TEMPERATURE - removed synchronization - RSSGT_ATTR_CALIBRATION_LEVEL_TEMPERATURE - removed synchronization - RSSGT_ATTR_CALIBRATION_LEVEL - removed synchronization - RSSGT_ATTR_CONNECTOR_OPERATION_MODE - added TOUT - RSSGT_ATTR_REFERENCE_OSCILLATOR_SOURCE - added synchronization - RSSGT_ATTR_ARB_MULTISEGMENT_NEXT_SEGMENT_SOURCE - changed to Read/Write

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Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none">- RSSGT_ATTR_IMPEDANCE_DATA_INPUT - renamed to RSSGT_ATTR_DATA_INPUT_IMPEDANCE- RSSGT_ATTR_THRESHOLD_DATA_INPUT - renamed to RSSGT_ATTR_DATA_INPUT_THRESHOLD- RSSGT_ATTR_BASEBAND_TRIGGER_INPUT_SLOPE - renamed to RSSGT_ATTR_BASEBAND_INPUT_TRIGGER_SLOPE- RSSGT_ATTR_IMPEDANCE_TRIGGER_CONTROL_INPUT - renamed to RSSGT_ATTR_TRIGGER_CONTROL_INPUT_IMPEDANCE- RSSGT_ATTR_THRESHOLD_TRIGGER_CONTROL_INPUT - renamed to RSSGT_ATTR_TRIGGER_CONTROL_INPUT_THRESHOLD- RSSGT_ATTR_TRIGGER_INPUT_SLOPE - renamed to RSSGT_ATTR_INPUT_TRIGGER_SLOPE- RSSGT_ATTR_INPUT_CLOCK_IMPEDANCE - removed, use RSSGT_ATTR_CONNECTOR_CLOCK_IMPEDANCE instead- RSSGT_ATTR_INPUT_TRIGGER_IMPEDANCE - removed, use RSSGT_ATTR_CONNECTOR_TRIGGER_IMPEDANCE instead
1.0.0	01/2014	Initial release

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