

LabWindows/CVI, VXIplug driver history for the R&S® Power Supplies Driver Documentation

Products:

| R&S® HMC804x



| R&S® NGE10x



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

Table of Contents

1	Supported Instruments.....	3
2	LabWindows/CVI and VXIplug&play driver history.....	4

1 Supported Instruments

In the following table, the supported R&S 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
HMC804x	1.400	
NGE10x	1.40	

2 LabWindows/CVI and VXIplug&play driver history

rshmc804x Instrument driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C/C++, VEE, etc.		
Revision	Date	Note
1.6.0	04/2019	<ul style="list-style-type: none"> - New core 3.4.0 - Changed USB and GPIB interface properties to Non-VXI * New: <ul style="list-style-type: none"> - rshmc804x_GetAttributeRepCapName - rshmc804x_ConfigureAutoSystemErrQuery - rshmc804x_ConfigureMultiThreadLocking - rshmc804x_SetOPCTimeout - rshmc804x_GetOPCTimeout
1.5.2	11/2018	<ul style="list-style-type: none"> * Modified: <ul style="list-style-type: none"> - rshmc804x_OutputEnabled_WriteCallback - bug fixed
1.5.1	04/2018	<ul style="list-style-type: none"> - Make sure you use this instrument driver with HMC804x firmware 1.400 (12/2017) or newer - Improved performance for NGE10x and HMC804x instruments over LAN, GPIB, USB-TMC
1.5.0	12/2017	<ul style="list-style-type: none"> - rshmc804x_ConfigureOutput - changed SCPI command for NGE10x models - rshmc804x_ConfigureChannelOnlyEnabled, rshmc804x_ConfigureMasterOutputEnabled - added compatibility with NGE10x
1.4.1	08/2017	<ul style="list-style-type: none"> Bug fixes: <ul style="list-style-type: none"> - rshmc804x_close - rshmc804x_QueryViBoolean - rshmc804x_QueryViInt32 - rshmc804x_QueryViReal64 - rshmc804x_QueryViString
1.4.0	03/2017	<ul style="list-style-type: none"> * Added support for NGE10x
1.3.0	02/2017	<ul style="list-style-type: none"> * Added additional delay before each viRead and viWrite. Default value is set to 50ms, but can be changed during initialization using option string. Use syntax i.e. "WriteDelay=100,ReadDelay=50" * New: <ul style="list-style-type: none"> - rshmc804x_SetVISATimeout - rshmc804x_GetVISATimeout * Modified: <ul style="list-style-type: none"> - *WAI sync replaced by *OPC? sync
1.2.0	04/2016	<ul style="list-style-type: none"> - rshmc804x_ClearStatus - rshmc804x_IDQueryResponse - rshmc804x_ProcessAllPreviousCommands - rshmc804x_QueryOPC * Modified: <ul style="list-style-type: none"> - rshmc804x_ConfigureAllOutputEnabled - renamed to rshmc804x_ConfigureChannelOnlyEnabled,

rshmc804x Instrument driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C/C++, VEE, etc.		
Revision	Date	Note
		added parameter Channel - RSHMC804X_ATTR_OUTPUTS_SELECT_ALL_CHANNEL - renamed to RSHMC804X_ATTR_CHANNEL_ONLY_ENABLED - RSHMC804X_ATTR_CHANNEL_ONLY_ENABLED - added *WAI to force synchronization
1.02	01/2015	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Modified: - RSHMC804X_ATTR_OUTPUTS_SELECTED_CHANNEL - added *WAI to force synchronization - RSHMC804X_ATTR_OUTPUTS_ENABLED - added *WAI to force synchronization - Fixed USB-TMC communication
1.01	10/2014	Fixed value of RSHMC804X_ATTR_ID_QUERY_RESPONSE attribute causing driver initialization to fail
1.0.0	02/2014	Initial release

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