

# LabWindows/CVI, VXIplug driver history for the R&S® EMI Test Receivers Driver Documentation

## Products:

| R&S® ESW



| R&S® ESR



| R&S® ESRP



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
ESW	1.00	New instrument added
ESR	2.26	
ESRP	2.26	

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## 2 Getting Started

### 2.1 LabWindows/CVI driver

The Rohde & Schwarz rssmb Instrument driver can be used in LabWindows/CVI 6 and later. In order to be able to compile an application it is required to add following files to your LabWindows/CVI project:

- *rsemi.c + rsemi.h*
- *rsemi\_utility.h + rsemi\_utility.c*
- *rsidr\_core.h + rsidr\_core.c*
- *rsemi\_attributes.h + rsemi\_attributes.c*
- *rsemi\_callbacks.c*
- *rsemi.fp*

### 2.2 Linux and Mac OS X

To be able to use Rohde & Schwarz rssmb Instrument driver in Linux or Mac OSX, the functioning VISA is required. Then, the process is the same as using LabWindows/CVI driver.

### 2.3 VXIplug&play driver in MATLAB

MATLAB instrument driver **rsemi.mdd** can be found in:

32-bit driver

**C:\Program Files (x86)\IVI Foundation\VISA\WinNT\rsemi\rsemi.mdd**

64-bit driver

**C:\Program Files\IVI Foundation\VISA\Win64\rsemi\rsemi.mdd**

For detailed description on how to use the driver in MATLAB please refer to the Application Note [1MA171 - How to use R&S instrument in MATLAB](#)

### 2.4 Additional Help

The LabWindows/CVI and VXIplug&play instrument driver contains in addition the instrument driver documentation in compressed HTML format (Windows CHM help file **rsemi\_vxi.chm**) and stored together with the driver sources or in the following folder:

32-bit driver

**C:\Program Files (x86)\IVI Foundation\VISA\WinNT\rsemi\rsemi\_vxi.chm**

64-bit driver

**C:\Program Files\IVI Foundation\VISA\Win64\rsemi\rsemi\_vxi.chm**

## 3 LabWindows/CVI and VXIplug&play driver history

rsemi Instrument Driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
2.27.1	07/2016	<ul style="list-style-type: none"> <li>* New functions:</li> <li>- rsemi_ClearStatus</li> <li>- rsemi_IDQueryResponse</li> <li>- rsemi_ProcessAllPreviousCommands</li> <li>- rsemi_QueryOPC</li> <li>* Updated functions:</li> <li>- rsemi_ConfigureErrorChecking - help updated</li> <li>* Modified attributes:</li> <li>- RSEMI_ATTR_RF_INPUT (RF Input) - instrument model restrictions removed</li> </ul>
2.27.0	12/2015	<ul style="list-style-type: none"> <li>* Support for ESW 1.0</li> <li>* Support for FSWT 1.20</li> <li>* New functions:</li> <li>- rsemi_ConfigureSpectrumFrequencyStartMinMax</li> <li>- rsemi_QuerySpectrumFrequencyStartMinMax</li> <li>- rsemi_ConfigureSpectrumFrequencyStopMinMax</li> <li>- rsemi_QuerySpectrumFrequencyStopMinMax</li> <li>- rsemi_ConfigureBandwidthRatioMinMax</li> <li>- rsemi_QueryBandwidthRatioMinMax</li> <li>- rsemi_ConfigureIFAnalysisResolutionBandwidth</li> <li>- rsemi_ConfigureAttenuationMinMax</li> <li>- rsemi_ConfigureAttenuationUpDown</li> <li>- rsemi_QueryAttenuationMinMax</li> <li>- rsemi_ConfigureSignalTrackBandwidthMinMax</li> <li>- rsemi_QuerySignalTrackBandwidthMinMax</li> <li>- rsemi_ConfigureDisplaySubwindowSize</li> <li>- rsemi_ConfigureSpectrogramBandwidthRatioMinMax</li> <li>- rsemi_QuerySpectrogramBandwidthRatioMinMax</li> <li>- rsemi_ConfigureSpectrogramSelectedFrameMinMax</li> <li>- rsemi_QuerySpectrogramSelectedFrameMinMax</li> <li>- rsemi_DeleteSelectedFrequencyMask</li> <li>- rsemi_ConfigureFrequencySignalTrackBandwidthMinMax</li> <li>- rsemi_QueryFrequencySignalTrackBandwidthMinMax</li> <li>- rsemi_ConfigureMarkerAmplitude</li> <li>- rsemi_ConfigureFrequencyScanMeasurementTimeMinMax</li> <li>- rsemi_QueryFrequencyScanMeasurementTimeMinMax</li> </ul>

rsemi Instrument Driver		
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"> <li>- rsemi_ConfigureFrequencyMaskShapeLowerOrUpper</li> <li>- rsemi_ConfigureIFAttenuation</li> <li>- rsemi_ConfigureAttenuationLimiter</li> <li>- rsemi_ConfigureMarkerInfo</li> <li>- rsemi_ConfigureIFPowerTriggerCoupling</li> <li>- rsemi_ConfigureLNAPreamplifierState</li> <li>- rsemi_ConfigureLNAPreamplifier</li> <li>- rsemi_ConfigureDirectPath</li> <li>- rsemi_ConfigurePreselectorNotchFilterState</li> <li>- rsemi_ConfigurePreselectorSplitState</li> <li>- rsemi_ConfigureDisplayConductances</li> <li>- rsemi_ConfigurePowerSet</li> <li>- rsemi_ConfigureSEPeakSearchDetails</li> <li>- rsemi_ConfigureSESweepListLNAPreamplifier</li> <li>- rsemi_ConfigureSEMRangeLNAPreamplifier</li> <li>- rsemi_IQAnalyzerMode</li> <li>- rsemi_ConfigureSpectrogramBandwidthRatio</li> <li>- rsemi_ConfigureIFSpanCoupled</li> <li>- rsemi_ConfigureSpectrogramLayout</li> <li>- rsemi_ConfigureFrequencyScanIFAttenuation</li> <li>- rsemi_ConfigureFrequencyScanLNAPreamplifierState</li> <li>- rsemi_ConfigureFrequencyScanLNAPreamplifier</li> <li>- rsemi_ConfigureTransducerFactors</li> <li>- rsemi_ConfigureCalAutoPowerReduction</li> <li>- rsemi_ConfigureCalKitAdditionalDir</li> <li>- rsemi_ConfigureCalibrationFreqMicrowave</li> <li>- rsemi_ClearRemoteErrors</li> <li>- rsemi_DisplayRemoteErrors</li> <li>- rsemi_ConfigureCalibrationAutoAveraging</li> <li>- Tracking Generator</li> <li>- Real-time spectrum analysis Layout</li> <li>- Test Reciever Layout</li> <li>- RF Switch</li> <li>- RF Input</li> <li>* Updated functions</li> <li>- rsemi_ConfigureResultDisplay</li> <li>- rsemi_ConfigureUnitPower - added new supported units</li> <li>- rsemi_ConfigureVideoOutput - Gain mode AUTO added</li> <li>- rsemi_ConfigureMarkerBandPower - added RPOWER</li> <li>- rsemi_ConfigureDeltaMarkerBandPower - added RPOWER</li> </ul>

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		<ul style="list-style-type: none"> <li>- rsemi_ConfigureTriggerSource - added EXT4</li> <li>- rsemi_ConfigureExternalGate - added EXT4 Gate</li> <li>- rsemi_ConfigureLimitLine - added new supported units</li> <li>- rsemi_ConfigureSEMRangelimits - fixed repcap formatting</li> <li>- rsemi_ConfigureSpectrogramDisplayVerticalScaling - parameter Trace changed to Reserved</li> <li>- rsemi_SelectPowerMeasurement - added new supported units</li> <li>- rsemi_ConfigureUnitPower - added new supported units</li> <li>- rsemi_ConfigureAmplitudeLevelUnit - added new supported units</li> <li>- rsemi_QueryPowerResults - added AOBW and TPOW</li> <li>- rsemi_ConfigureAnalogDemodulationState - added IF and Video</li> <li>- rsemi_ConfigurePrescanningVnetworkType - added ENV432</li> <li>* New attributes:</li> <li>- RSEMI_ATTR_FREQUENCY_START_MIN_MAX (Frequency Start Min Max)</li> <li>- RSEMI_ATTR_FREQUENCY_START_GET_MIN (Frequency Start Get Min)</li> <li>- RSEMI_ATTR_FREQUENCY_START_GET_MAX (Frequency Start Get Max)</li> <li>- RSEMI_ATTR_FREQUENCY_STOP_MIN_MAX (Frequency Stop Min Max)</li> <li>- RSEMI_ATTR_FREQUENCY_STOP_GET_MIN (Frequency Stop Get Min)</li> <li>- RSEMI_ATTR_FREQUENCY_STOP_GET_MAX (Frequency Stop Get Max)</li> <li>- RSEMI_ATTR_SIGNAL_TRACK_BWID_MIN_MAX (SAN Signal Track Bandwidth Min Max)</li> <li>- RSEMI_ATTR_SIGNAL_TRACK_BWID_GET_MIN (SAN Signal Track Bandwidth Get Min)</li> <li>- RSEMI_ATTR_SIGNAL_TRACK_BWID_GET_MAX (SAN Signal Track Bandwidth Get Max)</li> <li>- RSEMI_ATTR_RESOLUTION_BANDWIDTH_RATIO_MIN_MAX (Resolution Bandwidth Ratio Min Max)</li> <li>- RSEMI_ATTR_RESOLUTION_BANDWIDTH_RATIO_GET_MIN (Resolution Bandwidth Ratio Get Min)</li> <li>- RSEMI_ATTR_RESOLUTION_BANDWIDTH_RATIO_GET_MAX (Resolution Bandwidth Ratio Get Max)</li> <li>- RSEMI_ATTR_TRIGGER_IFP_COUPLING (Trigger IF Power Coupling)</li> <li>- RSEMI_ATTR_ATTENUATION_MIN_MAX (Attenuation Min Max)</li> <li>- RSEMI_ATTR_ATTENUATION_UP_DOWN (Attenuation Up Down)</li> <li>- RSEMI_ATTR_ATTENUATION_GET_MIN (Attenuation Get Min)</li> <li>- RSEMI_ATTR_ATTENUATION_GET_MAX (Attenuation Get Max)</li> <li>- RSEMI_ATTR_ATTENUATION_IF_AUTO (Attenuation IF Auto)</li> <li>- RSEMI_ATTR_ATTENUATION_IF (Attenuation IF)</li> <li>- RSEMI_ATTR_ATTENUATION_LIMITER (Attenuation Limiter)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_FILTER_SPLIT_STATE (Amplitude Preselector Filter Split State)</li> <li>- RSEMI_ATTR_AMPL_LNA_PREAMPLIFIER_AUTO (Amplitude LNA Preamplicifier Auto)</li> <li>- RSEMI_ATTR_AMPL_LNA_PREAMPLIFIER (Amplitude LNA Preamplicifier State)</li> <li>- RSEMI_ATTR_DIRECT_PATH (Direct Path)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_NOTCH_FILTER_STATE (Amplitude Preselector Notch Filter State)</li> <li>- RSEMI_ATTR_DISPLAY_MARKER_INFO (Display Marker Info)</li> <li>- RSEMI_ATTR_DISPLAY_CONDUCTANCES (Display Conductances)</li> <li>- RSEMI_ATTR_DISPLAY_SUBWINDOW_SIZE (Display Subwindow Size)</li> </ul>

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Revision	Date	Note
		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_MEAS_POW_SET (Power Set)</li> <li>- RSEMI_ATTR_SE_PEAK_SEARCH_DETAILS (SE Peak Search Details)</li> <li>- RSEMI_ATTR_SE_LIST_RANGE_INP_GAIN_LNA_STAT (SE List Range LNA Pre-amplifier)</li> <li>- RSEMI_ATTR_SEM_RANGE_LNA_PREAMPLIFIER (Spectrum Emission Mask Range LNA Preamplifier)</li> <li>- RSEMI_ATTR_RECEIVER_IQ_MODE (IQ Analyzer Mode)</li> <li>- RSEMI_ATTR_SPEM_RESOLUTION_BANDWIDTH_RATIO_MIN_MAX (Spectrogram Resolution Bandwidth Ratio Min Max)</li> <li>- RSEMI_ATTR_SPEM_RESOLUTION_BANDWIDTH_RATIO_GET_MIN (Spectrogram Resolution Bandwidth Ratio Get Min)</li> <li>- RSEMI_ATTR_SPEM_RESOLUTION_BANDWIDTH_RATIO_GET_MAX (Spectrogram Resolution Bandwidth Ratio Get Max)</li> <li>- RSEMI_ATTR_SPEM_FRAME_SELECT_MIN_MAX (Spectrogram Frame Select Min Max)</li> <li>- RSEMI_ATTR_SPECTROGRAM_FRAME_SELECT_GET_MIN (Spectrogram Frame Select Get Min)</li> <li>- RSEMI_ATTR_SPECTROGRAM_FRAME_SELECT_GET_MAX (Spectrogram Frame Select Get Max)</li> <li>- RSEMI_ATTR_SPEM_LAYOUT_WINDOW_REMOVE (Spectrogram Layout Window Remove)</li> <li>- RSEMI_ATTR_SPEM_LAYOUT_WINDOW_LIST (Spectrogram Layout Window List)</li> <li>- RSEMI_ATTR_SPEM_LAYOUT_QUERY_WINDOW_NAME (Spectrogram Layout Query Window Name)</li> <li>- RSEMI_ATTR_SPEM_MASK_TRIGGER_DELETE_SELECTED (Spectrogram Frequency Mask Trigger Delete Selected)</li> <li>- RSEMI_ATTR_RECEIVER_SIGNAL_TRACK_BWID_MIN_MAX (Signal Track Bandwidth Min Max)</li> <li>- RSEMI_ATTR_RECEIVER_SIGNAL_TRACK_BWID_GET_MIN (Signal Track Bandwidth Get Min)</li> <li>- RSEMI_ATTR_RECEIVER_SIGNAL_TRACK_BWID_GET_MAX (Signal Track Bandwidth Get Max)</li> <li>- RSEMI_ATTR_IF_ANALYSIS_SPAN_COUPLED (IF Span Coupled)</li> <li>- RSEMI_ATTR_IF_ANALYSIS_RESOLUTION_BANDWIDTH (IF Analysis Resolution Bandwidth)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_MEASUREMENT_TIME_MIN_MAX (Frequency Scan Measurement Time Min Max)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_MEASUREMENT_TIME_GET_MIN (Frequency Scan Measurement Time Get Min)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_MEASUREMENT_TIME_GET_MAX (Frequency Scan Measurement Time Get Max)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_IF_ATTENUATION (Frequency Scan IF Attenuation)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_IF_AUTO_RANGING_STATE (Frequency Scan IF Auto Ranging State)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_RANGE_LNA_PREAMPLIFIER (Frequency Scan Range LNA Preamplifier)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_RANGE_LNA_PREAMPLIFIER_AUTO (Frequency Scan Range LNA Preamplifier Auto)</li> <li>- RSEMI_ATTR_RECEIVER_LAYOUT_WINDOW_REMOVE (Receiver Layout Window Remove)</li> <li>- RSEMI_ATTR_RECEIVER_LAYOUT_WINDOW_LIST (Receiver Layout Window List)</li> <li>- RSEMI_ATTR_RECEIVER_LAYOUT_QUERY_WINDOW_NAME (Receiver Layout Query Window Name)</li> <li>- RSEMI_ATTR_SGRAM_LAYOUT (Spectrogram Layout)</li> </ul>



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		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_FINAL_MEASUREMENT_AUTOMATIC (Final Measurement Automatic)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_ENABLED (Tracking Generator Enabled)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MEASUREMENT_TYPE (Tracking Generator Measurement Type)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_CALIBRATION (Tracking Generator Calibration)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_RESTORE (Tracking Generator Restore)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_NORMALIZATION (Tracking Generator Normalization)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_AM (Tracking Generator Modulation AM)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_IQ (Tracking Generator Modulation IQ)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_FM (Tracking Generator Modulation FM)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_FM_DEVIATION (Tracking Generator Modulation FM Deviation)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_FREQUENCY_OFFSET (Tracking Generator Modulation Frequency Offset)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_OUTPUT_LEVEL (Tracking Generator Modulation Output Level)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_MODULATION_LEVEL_OFFSET (Tracking Generator Modulation Level Offset)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_POWER_MODE (Tracking Generator Power Mode)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_POWER_START (Tracking Generator Power Start)</li> <li>- RSEMI_ATTR_TRACKING_GENERATOR_POWER_STOP (Tracking Generator Power Stop)</li> <li>- RSEMI_ATTR_RF_SWITCH_NETWORK_ADDRESS (RF Switch Network Address)</li> <li>- RSEMI_ATTR_RF_SWITCH_COMMENT (RF Switch Comment)</li> <li>- RSEMI_ATTR_RF_SWITCH_COMMAND (RF Switch Command)</li> <li>- RSEMI_ATTR_RF_SWITCH_COMMAND_EXECUTE (RF Switch Command Execute)</li> <li>- RSEMI_ATTR_RF_SWITCH_NAME (RF Switch Name)</li> <li>- RSEMI_ATTR_RF_SWITCH_INPUT (RF Switch Input)</li> <li>- RSEMI_ATTR_RF_SWITCH_DELETE (RF Switch Delete Dataset)</li> <li>- RSEMI_ATTR_RF_SWITCH_LOAD (RF Switch Load)</li> <li>- RSEMI_ATTR_RF_SWITCH_OPC (RF Switch OPC)</li> <li>- RSEMI_ATTR_RF_SWITCH_SCPI (RF Switch SCPI)</li> <li>- RSEMI_ATTR_RF_SWITCH_SELECT (RF Switch Select)</li> <li>- RSEMI_ATTR_RF_SWITCH_STORE (RF Switch Store)</li> <li>- RSEMI_ATTR_RF_SWITCH_DELAY (RF Switch Delay)</li> <li>- RSEMI_ATTR_RF_SWITCH_RANGE_COMMAND (RF Switch Range Command)</li> <li>- RSEMI_ATTR_RF_SWITCH_RANGE_COMMAND_EXECUTE (RF Switch Range Command Execute)</li> <li>- RSEMI_ATTR_TRAN_INPUT_STATE (Transducer RF Input Factor State)</li> <li>- RSEMI_ATTR_TRAN_INPUT_ACT_NAME (Get Active Transducer RF Input Factor Name)</li> <li>- RSEMI_ATTR_TSET_INPUT_STATE (Transducer Set RF Input State)</li> <li>- RSEMI_ATTR_TSET_INPUT_ACTIVE (Get Active Transducer Set RF Input)</li> <li>- RSEMI_ATTR_SERVICE_CAL_AUTO_POWER_REDUCTION (Service Calibration Automatic Power Reduction)</li> </ul>

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		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_SERVICE_CAL_KIT_ADDITIONAL_DIRECTORY (Service Calibration Kit Additional Directory)</li> <li>- RSEMI_ATTR_SERVICE_CAL_FREQ_MICROWAVE (Service Calibration Frequency Microwave)</li> <li>- RSEMI_ATTR_SYST_ERR_CLEAR_REMOTE (Clear Remote Errors)</li> <li>- RSEMI_ATTR_SYST_DISPLAY_REMOTE_ERRORS (Display Remote Errors)</li> <li>- RSEMI_ATTR_SYSTEM_PRESET_MODE (System Preset Mode)</li> <li>- RSEMI_ATTR_CALIBRATION_AUTO_AVERAGING (Calibration Auto Averaging)</li> <li>- RSEMI_ATTR_LOGGING (Logging)</li> <li>- RSEMI_ATTR_OPC_TIMEOUT (Operation Complete (OPC) Timeout)</li> <li>- RSEMI_ATTR_QUERY_OPC (Query OPC)</li> <li>- RSEMI_ATTR_VISA_TIMEOUT (Visa Timeout)</li> <li>- RSEMI_ATTR_PROCESS_ALL_PREVIOUS_COMMANDS (Process All Previous Commands)</li> <li>- RSEMI_ATTR_VISA_MANUFACTURER (Visa Manufacturer)</li> <li>- RSEMI_ATTR_CLEAR_STATUS (Clear Status)</li> <li>- RSEMI_ATTR_OPTION_CHECKING (Option Checking)</li> </ul> <p>* Modified attributes:</p> <ul style="list-style-type: none"> <li>- RSEMI_ATTR_MEAS_POW_USER_STANDARD (Power User-defined Standard) - Access was modified. Now write only.</li> <li>- RSEMI_ATTR_ACP_USER_STD_SET (ACP User Standard) - Access was modified. Now write only.</li> <li>- RSEMI_ATTR_MARKER_AMPLITUDE (Marker Amplitude) - Changed to read/write.</li> <li>- RSEMI_ATTR_HCOPY_PRINT (Hcopy Print) - Short command was modified.</li> <li>- RSEMI_ATTR_HCOPY_PRINT_NEXT (Hcopy Print Next) - Short command was modified.</li> </ul> <p>* Modified Range Tables:</p> <ul style="list-style-type: none"> <li>- rsemi_rngFrequencyMode.RSEMI_VAL_FREQUENCY_MODE_FIX - RSEMI_ATTR_FREQUENCY_MODE Command changed ("CW", "FIX")</li> <li>- rsemi_rngFrequencyScanMeasurementTime - RSEMI_ATTR_FREQUENCY_SCAN_MEASUREMENT_TIME Range changed to &lt;0.001;100.0&gt;</li> <li>- rsemi_rngPrescanningLISNVNetworkType - RSEMI_ATTR_PRESCANNING_LISN_V_NETWORK_TYPE New items: RSEMI_VAL_PRESCAN_NETWORK_TYPE_ENV432</li> <li>- rsemi_rngBargraphMeasurementTime - RSEMI_ATTR_BARGRAPH_MEASUREMENT_TIME Range changed to &lt;100.0e-06;100.0&gt;</li> <li>- rsemi_rngAnalogDemodulationState - RSEMI_ATTR_ANALOG_DEMODULATION_STATE New items: RSEMI_VAL_ANALOG_DEMODULATION_IF, RSEMI_VAL_ANALOG_DEMODULATION_VIDEO</li> <li>- rsemi_rngPersisColorUpper - RSEMI_ATTR_PSPEM_COLOR_UPPER Range changed to &lt;0.011;100&gt;</li> <li>- rsemi_rngPersisColorLower - RSEMI_ATTR_PSPEM_COLOR_LOWER Range changed to &lt;0;65.61&gt;</li> <li>- rsemi_rngLinLog - RSEMI_ATTR_SIGNAL_OUTPUT_MODE,</li> </ul>

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		<p>RSEMI_ATTR_SIGNAL_OUTPUT_GAIN_MODE, RSEMI_ATTR_HORIZONTAL_SCALE, RSEMI_ATTR_TRACE_MATH_MODE, RSEMI_LIMIT_CONTROL_SPACING, RSEMI_LIMIT_LOWER_SPACING, RSEMI_LIMIT_UPPER_SPACING, RSEMI_ATTR_TRAN_SCALING, RSEMI_ATTR_TFAC_SCALING</p> <p>New items: RSEMI_VAL_AUTOGAIN</p> <p>- rsemi_rngMeasPowerSelect - RSEMI_ATTR_MEAS_POW_SELECT</p> <p>New items: RSEMI_VAL_MEAS_POW_AOBW, RSEMI_VAL_MEAS_POW_TPOW</p> <p>- rsemi_rngExtGateSource.RSEMI_VAL_EGAT_SOUR_EXT3 - RSEMI_ATTR_EXTERNAL_GATE_SIGNAL_SOURCE</p> <p>Command changed ("EXT3", "Ext3")</p> <p>- rsemi_rngExtGateSource - RSEMI_ATTR_EXTERNAL_GATE_SIGNAL_SOURCE</p> <p>New items: RSEMI_VAL_EGAT_SOUR_EXT4</p> <p>- rsemi_rngTriggerSource - RSEMI_ATTR_TRIGGER_SOURCE</p> <p>New items: RSEMI_VAL_TRG_EXT4</p> <p>- rsemi_rngBandPowerMode - RSEMI_ATTR_MARKER_BAND_POWER_MODE, RSEMI_ATTR_DELTA_MARKER_BAND_POWER_MODE</p> <p>New items: RSEMI_VAL_BPOWER_RPOW</p> <p>- rsemi_rngresultdispay - RSEMI_ATTR_RESULT_DISPLAY</p> <p>New items: RSEMI_VAL_BARGRAPH, RSEMI_VAL_IF_ANALYSIS, RSEMI_VAL_NONE</p> <p>- rsemi_rngMeasStatProbability.RSEMI_VAL_SSTAT_PROB_0_01 -</p> <p>Changed discrete value from 0 to 3</p> <p>- rsemi_rngMeasStatProbability.RSEMI_VAL_SSTAT_PROB_0_1 -</p> <p>Changed discrete value from 1 to 0</p> <p>- rsemi_rngMeasStatProbability.RSEMI_VAL_SSTAT_PROB_1 -</p> <p>Changed discrete value from 2 to 1</p> <p>- rsemi_rngMeasStatProbability.RSEMI_VAL_SSTAT_PROB_10 -</p> <p>Changed discrete value from 3 to 2</p>
2.26.0	02/2015	<p>* Support for ESR version 2.26 added</p> <p>* Support for FSMT version 1.20 added</p> <p>* Added MATLAB custom driver</p> <p>* Added MATLAB snippet codes to functions and attributes help file</p> <p>* New functions:</p> <p>- rsemi_ConfigureSweepOptimization</p> <p>- rsemi_DuplicateMeasurementChannel</p> <p>- rsemi_ReplaceMeasurementChannel</p> <p>- rsemi_RenameMeasurementChannel</p> <p>- rsemi_PresetMeasurementChannel</p> <p>- rsemi_QueryAllMeasurementChannels</p> <p>- rsemi_ConfigureOutputCoupling</p> <p>- rsemi_ConfigureOutputVoltage</p> <p>- rsemi_ConfigureACCutoffFrequency</p>

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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"> <li>- rsemi_ConfigureIFOutput</li> <li>- rsemi_ConfigureVideoOutput</li> <li>- rsemi_ConfigureAMOutput</li> <li>- rsemi_ConfigureFMOutput</li> <li>- rsemi_ConfigurePMOutput</li> <li>- rsemi_ConfigureLowPassFilter</li> <li>- rsemi_QueryIFOutputSideband</li> <li>- rsemi_ConfigureTriggerInput</li> <li>- rsemi_ConfigureTriggerOutput</li> <li>- rsemi_GenerateTriggerPulse</li> <li>- rsemi_ConfigureProbePowerSupply</li> <li>- rsemi_ConfigureTraceExport</li> <li>- rsemi_ConfigureIQBandwidth</li> <li>- rsemi_ConfigureIQMaximumBW</li> <li>- rsemi_ConfigureIQFFTMode</li> <li>- rsemi_ConfigureIQAveragePowerConsumption</li> <li>- rsemi_QueryIQAveragePowerConsumptionResult</li> <li>- rsemi_TraceIQSwapIQ</li> <li>- rsemi_LinkMarkerToAnotherMarker</li> <li>- rsemi_LinkingDeltaMarkerToMarker</li> <li>- rsemi_ConfigureReferenceFrequencyInput</li> <li>- rsemi_ConfigureReferenceFrequencyOutput</li> <li>- rsemi_AudioOutputMaximumVolume</li> <li>- rsemi_AudioOutputMute</li> <li>- rsemi_ConfigureInstrumentCoupling</li> <li>- rsemi_QueryFrontendTemperature</li> <li>- rsemi_SystemPreamplifierOption</li> <li>- rsemi_ConfigureSecureUserMode</li> <li>- rsemi_ConfigureTriggerDropoutTime</li> <li>- rsemi_ConfigureIQPowerTrigger</li> <li>- rsemi_ConfigureRFInputState</li> <li>- rsemi_ConfigureAmplitudeRFInputImpedance</li> <li>- rsemi_ConfigurePreamplifierValue</li> <li>- rsemi_InputProtectionReset</li> <li>- rsemi_ConfigureAttenuationProtection</li> <li>- rsemi_ConfigureHighpassFilter</li> <li>- rsemi_ConfigurePreselectorState</li> <li>- rsemi_ConfigurePreselectorMode</li> <li>- rsemi_ConfigurePreselectorHPLPFilterFrequency</li> <li>- rsemi_ConfigurePreselectorBandpassFilterFrequency</li> </ul>

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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"> <li>- rsemi_EnableTraceLimitCheck</li> <li>- rsemi_ConfigureDisplayChannelBarState</li> <li>- rsemi_ConfigureDisplayMultiViewState</li> <li>- rsemi_AddWindow</li> <li>- rsemi_RemoveWindow</li> <li>- rsemi_ReplaceWindow</li> <li>- rsemi_QueryWindowsList</li> <li>- rsemi_QueryWindowIndex</li> <li>- rsemi_QueryWindowName</li> <li>- rsemi_ConfigureSplitterPosition</li> <li>- rsemi_InitiateSequencer</li> <li>- rsemi_AbortSequencer</li> <li>- rsemi_RefreshSequencer</li> <li>- rsemi_ConfigureSequencerState</li> <li>- rsemi_ConfigureSequencerMode</li> <li>- rsemi_ConfigureMSRPowerMeasurement</li> <li>- rsemi_ConfigureMSRNumberOfSubblocks</li> <li>- rsemi_ConfigureMSRSubblockDefinition</li> <li>- rsemi_ConfigureMSRTxChannelDefinition</li> <li>- rsemi_QueryMSRTxName</li> <li>- rsemi_ConfigureMSRGapChannel</li> <li>- rsemi_ConfigureMSRGapLimitChecking</li> <li>- rsemi_QueryMSRGapLimitChecking</li> <li>- rsemi_QueryACPGapChannelLimitCheckResults</li> <li>- rsemi_ConfigureSESweepListPreamplifierLevel</li> <li>- rsemi_ConfigureSEMSubblockCount</li> <li>- rsemi_ConfigureSEMSubblockCenterFrequency</li> <li>- rsemi_ConfigureSEMSubblockReferenceRange</li> <li>- rsemi_QuerySEMSubblockReferenceRangePosition</li> <li>- rsemi_ConfigureFastSEMSubblock</li> <li>- rsemi_ConfigureSEMSubblockPresetStandard</li> <li>- rsemi_RestoreSEMSubblockStandardFiles</li> <li>- rsemi_StoreSEMSubblockPresetSettings</li> <li>- rsemi_ConfigureSEMSubblockRangeStartStop</li> <li>- rsemi_ConfigureSEMSubblockRangeFilterType</li> <li>- rsemi_ConfigureSEMSubblockRangeBandwidth</li> <li>- rsemi_ConfigureSEMSubblockRangeSweepTime</li> <li>- rsemi_ConfigureSEMSubblockRangeReferenceLevel</li> <li>- rsemi_ConfigureSEMSubblockRangeRFAttenuation</li> <li>- rsemi_ConfigureSEMSubblockRangeTransducerFactor</li> </ul>

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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"> <li>- rsemi_ConfigureSEMSubblockRangeMultiLimitCalc</li> <li>- rsemi_ConfigureSEMSubblockRangeMinimumSweepPoints</li> <li>- rsemi_ConfigureSEMSubblockRangeLimits</li> <li>- rsemi_ConfigureSEMSubblockRangeRelativeLimitStartFunction</li> <li>- rsemi_ConfigureSEMSubblockRangeRelativeLimitStopFunction</li> <li>- rsemi_GetSEMSubblockRangeCount</li> <li>- rsemi_SEMSubblockInsertNewRange</li> <li>- rsemi_SEMSubblockDeleteRange</li> <li>- rsemi_ConfigureMSRSettings</li> <li>- rsemi_MSRAppliesToSEM</li> <li>- rsemi_ConfigureADEMResultUnit</li> <li>- rsemi_ConfigureAnalogBasebandInputParameters</li> <li>- rsemi_ConfigureAnalogBasebandFullscaleLevel</li> <li>- rsemi_ReceiverMeasurementSequences</li> <li>- rsemi_ConfigureFrequencyCenterStepSizeAuto</li> <li>- rsemi_ConfigureFrequencyCenterCouplingFactor</li> <li>- rsemi_ConfigureFrequencyCenterStepSizeType</li> <li>- rsemi_ConfigureMarkerCouplingUseLastScan</li> <li>- rsemi_ConfigureSpectrogramState</li> <li>- rsemi_ConfigureReceiverTriggerOffset</li> <li>- rsemi_ConfigureReceiverIFPowerTrigger</li> <li>- rsemi_ConfigureReceiverRFPowerTrigger</li> <li>- rsemi_ConfigureReceiverTimeTrigger</li> <li>- rsemi_ConfigureFrequencyScanRangePreamplifierGain</li> <li>- rsemi_ConfigureExternalGeneratorGPIB</li> <li>- rsemi_DataSetStoreMode</li> <li>- rsemi_TestReportDefault</li> <li>- rsemi_TestReportContentsConfiguration</li> <li>- rsemi_TestReportHeaderLine</li> <li>- rsemi_TestReportHeaderLogo</li> <li>- rsemi_TestReportTitle</li> <li>- rsemi_TestReportTemplateOperations</li> <li>- rsemi_TestReportTemplateCatalog</li> <li>- rsemi_TestReportDataSetsConfiguration</li> <li>- rsemi_TestReportDataSetSelect</li> <li>- rsemi_HardcopyOutput</li> <li>- rsemi_ConfigureCalibrationFreqRF</li> <li>- rsemi_ConfigureCalibrationFreqMW</li> <li>- rsemi_SetStatusRegisterValue</li> <li>- rsemi_GetStatusRegisterValue</li> </ul>

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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"> <li>- rsemi_ConfPowerChannelWeightingFilters</li> <li>* New attributes:</li> <li>- RSEMI_ATTR_SAN_NUM_OF_SWEEPS (Spectrum Analyzer Number of Sweeps)</li> <li>- RSEMI_ATTR_PRESET_MEASUREMENT_CHANNEL (Preset Measurement Channel)</li> <li>- RSEMI_ATTR_SELECT_MEASUREMENT_CHANNEL (Select Measurement Channel)</li> <li>- RSEMI_ATTR_DUPLICATE_MEASUREMENT_CHANNEL (Duplicate Measurement Channel)</li> <li>- RSEMI_ATTR_DELETE_MEASUREMENT_CHANNEL (Delete Measurement Channel)</li> <li>- RSEMI_ATTR_AUTO_ADJUST_LEVEL_MEAS_TIME_FSWT (Auto Adjust Level Measurement Time FSWT)</li> <li>- RSEMI_ATTR_AUTO_ADJUST_LEVEL_MEAS_TIME_MODE_FSWT (Auto Adjust Level Measurement Time Mode FSWT)</li> <li>- RSEMI_ATTR_AUTO_ADJUST_HYSTERSIS_LOWER (Auto Adjust Hystersis Lower)</li> <li>- RSEMI_ATTR_AUTO_ADJUST_HYSTERSIS_UPPER (Auto Adjust Hystersis Upper)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_LINK (Output Link)</li> <li>- RSEMI_ATTR_IF_OUTPUT_FREQUENCY (IF Output Frequency)</li> <li>- RSEMI_ATTR_IF_OUTPUT_SIDEHAND (IF Output Sideband)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_MODE (Video Output Mode)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_GAIN_MODE (Video Gain Mode)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_GAIN_VALUE (Video Gain Value)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_COUPLING (Coupling)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_SCALE (Scale)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_AC_CUTOFF_FREQUENCY (AC Cutoff Frequency)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_LOW_PASS_FILTER_ENABLED (Low Pass Filter State)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_LOW_PASS_FILTER_FREQUENCY (Low Pass Filter Frequency)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_PHONES_ENABLED (Phones State)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_PROBE_POWER_ENABLED (Probe Power Supply State)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_TRIGGER_DIRECTION (Output Trigger Direction)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_TRIGGER_LEVEL (Output Trigger Level)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_TRIGGER_TYPE (Output Trigger Type)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_TRIGGER_PULSE (Output Trigger Pulse)</li> <li>- RSEMI_ATTR_SIGNAL_OUTPUT_TRIGGER_PULSE_LENGTH (Output Trigger Pulse Length)</li> <li>- RSEMI_ATTR_MARKER_LINK_TO_MARKER (Marker Link To Another Marker)</li> <li>- RSEMI_ATTR_REF_MARKER_PEAK (Delta Marker Peak)</li> <li>- RSEMI_ATTR_REF_MARKER_PEAK_NEXT (Delta Marker Peak Next)</li> <li>- RSEMI_ATTR_REF_MARKER_PEAK_NEXT_RIGHT (Delta Marker Peak Next Right)</li> <li>- RSEMI_ATTR_REF_MARKER_PEAK_NEXT_LEFT (Delta Marker Peak Next Left)</li> <li>- RSEMI_ATTR_REF_MARKER_MIN (Delta Marker Minimum)</li> <li>- RSEMI_ATTR_REF_MARKER_MIN_NEXT (Delta Marker Minimum Next)</li> <li>- RSEMI_ATTR_REF_MARKER_MIN_NEXT_RIGHT (Delta Marker Minimum Next Right)</li> <li>- RSEMI_ATTR_REF_MARKER_MIN_NEXT_LEFT (Delta Marker Minimum Next Left)</li> </ul>

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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"> <li>- RSEMI_ATTR_REF_MARKER_STATE (Delta Marker State)</li> <li>- RSEMI_ATTR_REF_MARKER_MODE (Delta Marker Mode)</li> <li>- RSEMI_ATTR_REF_MARKER_POSITION (Delta Marker Position)</li> <li>- RSEMI_ATTR_REF_MARKER_REL_POSITION (Delta Marker Relative Position)</li> <li>- RSEMI_ATTR_REF_MARKER_AMPLITUDE (Delta Marker Amplitude)</li> <li>- RSEMI_ATTR_REF_MARKER_TRACE (Delta Marker Assign Trace)</li> <li>- RSEMI_ATTR_DMARKEER_REFERENCE_MARKER (Delta Marker Reference Marker)</li> <li>- RSEMI_ATTR_REF_MARKER_AOFF (Delta Marker All Off)</li> <li>- RSEMI_ATTR_DELTA_MARKER_LINK_TO_MARKER (Delta Marker Link To Another Marker)</li> <li>- RSEMI_ATTR_SWEEP_DURATION (Sweep Duration)</li> <li>- RSEMI_ATTR_SWEEP_OPTIMIZATION (Sweep Optimization)</li> <li>- RSEMI_ATTR_ROSC_LOOP_BANDWIDTH (Reference Oscillator Loop Bandwidth)</li> <li>- RSEMI_ATTR_ROSC_O100_ENABLED (Reference Frequency Output 100MHz Enabled)</li> <li>- RSEMI_ATTR_ROSC_O640_ENABLED (Reference Frequency Output 640MHz Enabled)</li> <li>- RSEMI_ATTR_ROSC_SYNC_ENABLED (Reference Frequency Sync Output Enabled)</li> <li>- RSEMI_ATTR_ROSC_TUNING_RANGE (Reference Oscillator Tuning Range)</li> <li>- RSEMI_ATTR_TRACE_EXPORT_ALL (Trace Export All)</li> <li>- RSEMI_ATTR_TRACE_EXPORT_HEADER (Trace Export Header)</li> <li>- RSEMI_ATTR_TRIGGER_DROPOUT_TIME (Trigger Dropout Time)</li> <li>- RSEMI_ATTR_TRIGGER_IQP_LEVEL (Trigger IQ Power Level)</li> <li>- RSEMI_ATTR_TRIGGER_DIRECTION (Trigger Direction)</li> <li>- RSEMI_ATTR_TRIGGER_OUTPUT_TYPE (Trigger Output Type)</li> <li>- RSEMI_ATTR_TRIGGER_LEVEL (Trigger Level)</li> <li>- RSEMI_ATTR_TRIGGER_PULSE_LENGTH (Trigger Pulse Length)</li> <li>- RSEMI_ATTR_TRIGGER_PULSE_GENERATE (Trigger Pulse Generate)</li> <li>- RSEMI_ATTR_EXTERNAL_TRIGGER_LEVEL_PORT (External Trigger Level Port)</li> <li>- RSEMI_ATTR_CVL_CATALOG (Conversion Loss Catalog)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_MODE (Amplitude Preselector Mode)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_FILTER_ENABLED (Amplitude Preselector Filter State)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_FILTER_TYPE (Amplitude Preselector Filter Type)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_FILTER_LPAS_FREQ (Amplitude Preselector Filter Lowpass Frequency)</li> <li>- RSEMI_ATTR_INP_PRESELECTOR_FILTER_HPAS_FREQ (Amplitude Preselector Filter Highpass Frequency)</li> <li>- RSEMI_ATTR_AMPL_PREAMPLIFIER_LEVEL (Amplitude Preamplifier Level)</li> <li>- RSEMI_ATTR_AMPL_PROTECTION_RESET (Amplitude Input Protection Reset)</li> <li>- RSEMI_ATTR_AMPL_PROTECTION_ENABLED (Amplitude Input Protection State)</li> <li>- RSEMI_ATTR_AMPL_HIGHPASS_FILTER (Amplitude HIGHPASS Filter State)</li> <li>- RSEMI_ATTR_AMPL_RF_INPUT (Amplitude RF Input)</li> <li>- RSEMI_ATTR_LIMIT_LINE_ACTIVE (Limit Line Active)</li> <li>- RSEMI_ATTR_DISP_CHANNEL_BAR_STATE (Display Annotation Channel Bar Enabled)</li> </ul>



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Revision	Date	Note
		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_DISP_MULTIVIEW_ENABLED (Display Multi View Enabled)</li> <li>- RSEMI_ATTR_DISP_FORMAT (Display Format)</li> <li>- RSEMI_ATTR_DISP_UNIT_POWER (Configure Display Unit Power)</li> <li>- RSEMI_ATTR_DISP_TRACE_Y_AUTO (Display Auto Scaling)</li> <li>- RSEMI_ATTR_DISP_THEME_CATALOG (Display Theme Catalog)</li> <li>- RSEMI_ATTR_DISPLAY_MULTIPLE_ZOOM_STATE (Display Multiple Zoom State)</li> <li>- RSEMI_ATTR_LAYOUT_WINDOW_REMOVE (Layout Window Remove)</li> <li>- RSEMI_ATTR_LAYOUT_WINDOW_LIST (Layout Window List)</li> <li>- RSEMI_ATTR_LAYOUT_QUERY_WINDOW_TYPE (Layout Query Window Type)</li> <li>- RSEMI_ATTR_LAYOUT_QUERY_WINDOW_NAME (Layout Query Window Name)</li> <li>- RSEMI_ATTR_AUDIO_OUTPUT_MAXIMUM_VOLUME (Audio Output Maximum Volume)</li> <li>- RSEMI_ATTR_AUDIO_OUTPUT_MUTE (Audio Output Mute)</li> <li>- RSEMI_ATTR_FRONTEND_TEMPERATURE (Frontend Temperature)</li> <li>- RSEMI_ATTR_SYST_PREAMPLIFIER_OPTION (System Preampfier Option)</li> <li>- RSEMI_ATTR_SECURE_USER_MODE (Secure User Mode)</li> <li>- RSEMI_ATTR_COUPLING_ATTENUATION (Coupling Attenuation)</li> <li>- RSEMI_ATTR_COUPLING_BANDWIDTH (Coupling Bandwidth)</li> <li>- RSEMI_ATTR_COUPLING_CENTER (Coupling Center)</li> <li>- RSEMI_ATTR_COUPLING_DEMODULATION (Coupling Demodulation)</li> <li>- RSEMI_ATTR_COUPLING_GAIN (Coupling Gain)</li> <li>- RSEMI_ATTR_COUPLING_LIMIT (Coupling Limit)</li> <li>- RSEMI_ATTR_COUPLING_MARKER (Coupling Marker)</li> <li>- RSEMI_ATTR_COUPLING_PRESELECTOR (Coupling Preselector)</li> <li>- RSEMI_ATTR_COUPLING_SPAN (Coupling Span)</li> <li>- RSEMI_ATTR_INIT_SEQUENCER (Init Sequencer)</li> <li>- RSEMI_ATTR_ABORT_SEQUENCER (Abort Sequencer)</li> <li>- RSEMI_ATTR_REFRESH_SEQUENCER (Refresh Sequencer)</li> <li>- RSEMI_ATTR_SEQUENCER_STATE (Sequencer State)</li> <li>- RSEMI_ATTR_SEQUENCER_MODE (Sequencer Mode)</li> <li>- RSEMI_ATTR_MEAS_POW_USER_STANDARD (Power User-defined Standard)</li> <li>- RSEMI_ATTR_MEAS_POW_STANDARD_CATALOG (Power Standard Catalog)</li> <li>- RSEMI_ATTR_MSR_NUMBER_OF_SUBBLOCKS (MSR Number Of Subblocks)</li> <li>- RSEMI_ATTR_MSR_GAP_CHANNEL_SPACING (MSR Gap Channel Spacing)</li> <li>- RSEMI_ATTR_MSR_GAP_CHANNEL_BANDWIDTHS (MSR Gap Channel Bandwidths)</li> <li>- RSEMI_ATTR_MSR_GAP_WEIGHTING_FILTER_STATE (MSR Gap Weighting Filter State)</li> <li>- RSEMI_ATTR_MSR_GAP_WEIGHTING_FILTER_ROLL_OFF_FACTOR (MSR Gap Weighting Filter Roll Off Factor)</li> <li>- RSEMI_ATTR_MSR_GAP_LIMIT_RELATIVE_STATE (MSR Gap Limit Relative State)</li> <li>- RSEMI_ATTR_MSR_GAP_LIMIT_RELATIVE (MSR Gap Limit Relative)</li> <li>- RSEMI_ATTR_MSR_GAP_LIMIT_ABSOLUTE_STATE (MSR Gap Limit Absolute State)</li> <li>- RSEMI_ATTR_MSR_GAP_LIMIT_ABSOLUTE (MSR Gap Limit Absolute)</li> </ul>

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Revision	Date	Note
		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_MSR_SUBBLOCK_CENTER_FREQUENCY (MSR Subblock Center Frequency)</li> <li>- RSEMI_ATTR_MSR_SUBBLOCK_RF_BANDWIDTH (MSR Subblock RF Bandwidth)</li> <li>- RSEMI_ATTR_MSR_SUBBLOCK_TX_CHANNEL_COUNT (MSR Subblock Tx Channel Count)</li> <li>- RSEMI_ATTR_MSR_TX_CENTER_FREQUENCY (MSR Tx Center Frequency)</li> <li>- RSEMI_ATTR_MSR_TX_TECHNOLOGY (MSR Tx Technology)</li> <li>- RSEMI_ATTR_MSR_TX_BANDWIDTH (MSR Tx Bandwidth)</li> <li>- RSEMI_ATTR_MSR_TX_WEIGHTING_FILTER_STATE (MSR Tx Weighting Filter State)</li> <li>- RSEMI_ATTR_MSR_TX_WEIGHTING_FILTER_ROLL_OFF_FACTOR (MSR Tx Weighting Filter Roll Off Factor)</li> <li>- RSEMI_ATTR_MSR_TX_CHANNEL_NAME (MSR Tx Channel Name)</li> <li>- RSEMI_ATTR_POWER_ALT_CHANNEL_WEIGHTING_FILTER_STATE (Power Alternate Channel Weighting Filter State)</li> <li>- RSEMI_ATTR_POWER_ALT_CHANNEL_WEIGHTING_FILTER_ALPHA_VALUE (Power Alternate Channel Weighting Filter Alpha Value)</li> <li>- RSEMI_ATTR_MEAS_POW_CHAN_SPACING (Power Channel Spacing)</li> <li>- RSEMI_ATTR_POW_CHANNEL_BANDWIDTH (Power Channel Bandwidth)</li> <li>- RSEMI_ATTR_POWER_CHANNEL_WEIGHTING_FILTER (Power Channel Weighting Filter)</li> <li>- RSEMI_ATTR_POWER_CHANNEL_WEIGHTING_FILTER_ALPHA (Power Channel Weighting Filter Alpha)</li> <li>- RSEMI_ATTR_MEAS_MODDEPTH_SEARCH (Modulation Depth Search)</li> <li>- RSEMI_ATTR_SE_MARK_ALL_PEAKS (SE Mark All Peaks)</li> <li>- RSEMI_ATTR_SE_LIST_RANG_INP_GAIN_LEVEL (SE List Range Pre-amplifier Level)</li> <li>- RSEMI_ATTR_IQ_MAX_BANDWIDTH_EXTENSION (IQ Maximum Bandwidth Extension)</li> <li>- RSEMI_ATTR_IQ_MAX_BANDWIDTH_VALUE (IQ Maximum Bandwidth Value)</li> <li>- RSEMI_ATTR_IQ_MAX_BANDWIDTH_MAX (IQ Maximum Bandwidth Max)</li> <li>- RSEMI_ATTR_IQ_BANDWIDTH_MODE (IQ Bandwidth Mode)</li> <li>- RSEMI_ATTR_IQ_BANDWIDTH_RESOLUTION (IQ Bandwidth Resolution)</li> <li>- RSEMI_ATTR_IQ_SWAP_IQ (IQ Swap IQ)</li> <li>- RSEMI_ATTR_IQ_FFT_ALGORITHM (IQ FFT Algorithm)</li> <li>- RSEMI_ATTR_IQ_FFT_LENGTH (IQ FFT Length)</li> <li>- RSEMI_ATTR_IQ_FFT_WIN_LENGTH (IQ FFT Window Length)</li> <li>- RSEMI_ATTR_IQ_FFT_WIN_OVERLAP (IQ FFT Window Overlap)</li> <li>- RSEMI_ATTR_IQ_FFT_WINDOW_TYPE (IQ FFT Window Type)</li> <li>- RSEMI_ATTR_IQ_APC_STATE (IQ Average Power Consumption State)</li> <li>- RSEMI_ATTR_IQ_APC_FACTOR_A (IQ Average Power Consumption Factor A)</li> <li>- RSEMI_ATTR_IQ_APC_FACTOR_B (IQ Average Power Consumption Factor B)</li> <li>- RSEMI_ATTR_IQ_APC_RESULT (IQ Average Power Consumption Result)</li> <li>- RSEMI_ATTR_SEM_PEAK_SEARCH (Spectrum Emission Mask Peak Search)</li> <li>- RSEMI_ATTR_SEM_SUBBLOCK_CENTER_FREQUENCY (Spectrum Emission Mask Subblock Center Frequency)</li> <li>- RSEMI_ATTR_SEM_SUBBLOCK_COUNT (Spectrum Emission Mask Subblock Count)</li> <li>- RSEMI_ATTR_SEM_SUBBLOCK_POWER_REF_TYPE (Spectrum Emission Mask Power Reference</li> </ul>

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Revision	Date	Note
		Type) - RSEMI_ATTR_SEM_SUBBLOCK_BANDWIDTH (Spectrum Emission Mask Bandwidth) - RSEMI_ATTR_SEM_SUBBLOCK_RRC_FILTER_STATE (Spectrum Emission Mask RRC Filter State) - RSEMI_ATTR_SEM_SUBBLOCK_RRC_FILTER_ALPHA_VALUE (Spectrum Emission Mask RRC Filter Alpha Value) - RSEMI_ATTR_SEM_SUBBLOCK_REF_RANGE_POSITION (Spectrum Emission Mask Reference Range Position) - RSEMI_ATTR_SEM_SUBBLOCK_FAST_SEM (Spectrum Emission Mask Fast SEM) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_COUNT (Spectrum Emission Mask Range Count) - RSEMI_ATTR_SEM_SUBBLOCK_MSR_BAND_CATEGORY (Spectrum Emission Mask MSR Band Category) - RSEMI_ATTR_SEM_SUBBLOCK_MSR_RF_BANDWIDTH (Spectrum Emission Mask MSR RF Bandwidth) - RSEMI_ATTR_SEM_SUBBLOCK_MSR_GSM_PRESENT (Spectrum Emission Mask MSR GSM Present) - RSEMI_ATTR_SEM_SUBBLOCK_MSR_LTE_PRESENT (Spectrum Emission Mask MSR LTE Present) - RSEMI_ATTR_SEM_SUBBLOCK_MSR_APPLY (Spectrum Emission Mask MSR Apply) - RSEMI_ATTR_SEM_SUBBLOCK_INSERT_NEW_RANGE (Spectrum Emission Mask Insert New Range) - RSEMI_ATTR_SEM_SUBBLOCK_DELETE_RANGE (Spectrum Emission Mask Delete Range) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_FREQ_START (Spectrum Emission Mask Range Frequency Start) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_FREQ_STOP (Spectrum Emission Mask Range Frequency Stop) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_FILTER_TYPE (Spectrum Emission Mask Range Filter Type) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_BANDWIDTH (Spectrum Emission Mask Range Bandwidth) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_VBW (Spectrum Emission Mask Range Video Bandwidth) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_SWEEP_TIME_AUTO (Spectrum Emission Mask Range Sweep Time Auto) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_SWEEP_TIME (Spectrum Emission Mask Range Sweep Time) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_REF_LEVEL (Spectrum Emission Mask Range Reference Level) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_INPUT_ATTENUATION_AUTO (Spectrum Emission Mask Range Input Attenuation Auto) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_INPUT_ATTENUATION (Spectrum Emission Mask Range Input Attenuation) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_PREAMPLIFIER (Spectrum Emission Mask Range Preamplifier) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_PREAMPLIFIER_LEVEL (Spectrum Emission Mask Range Preamplifier Level) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_TRANSDUCER (Spectrum Emission Mask Range Transducer) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_MULTILIMIT_CALC (Spectrum Emission Mask Range Multi

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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
		Limit Calc) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_MIN_SWEEP_POINTS (Spectrum Emission Mask Range Minimum Sweep Points) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_LIMIT_CHECK_TYPE (Spectrum Emission Mask Range Limit Check Type) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_START_FREQ_ABS_LIMIT (Spectrum Emission Mask Range Start Frequency Absolute Limit) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_STOP_FREQ_ABS_LIMIT (Spectrum Emission Mask Range Stop Frequency Absolute Limit) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_START_FREQ_REL_LIMIT (Spectrum Emission Mask Range Start Frequency Relative Limit) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_STOP_FREQ_REL_LIMIT (Spectrum Emission Mask Range Stop Frequency Relative Limit) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_START_FREQ_REL_LIMIT_ABS_MAX (Spectrum Emission Mask Range Start Frequency Relative Limit Absolute Max) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_START_FREQ_REL_LIMIT_FUNC (Spectrum Emission Mask Range Start Frequency Relative Limit Function) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_STOP_FREQ_REL_LIMIT_ABS_MAX (Spectrum Emission Mask Range Stop Frequency Relative Limit Absolute Max) - RSEMI_ATTR_SEM_SUBBLOCK_RANGE_STOP_FREQ_REL_LIMIT_FUNC (Spectrum Emission Mask Range Stop Frequency Relative Limit Function) - RSEMI_ATTR_SEM_SUBBLOCK_PRESET_STANDARD (Spectrum Emission Mask Preset Standard) - RSEMI_ATTR_SEM_SUBBLOCK_RESTORE_STANDARD (Spectrum Emission Mask Restore Standard) - RSEMI_ATTR_SEM_SUBBLOCK_STORE_PRESET (Spectrum Emission Mask Store Preset) - RSEMI_ATTR_ANALOG_DEMOD_TRIGGER_SOURCE (Analog Demod Trigger Source) - RSEMI_ATTR_ANALOG_DEMOD_TRIGGER_AM_LEVEL_ABS (Analog Demod Trigger AM Level Abs) - RSEMI_ATTR_ANALOG_DEMOD_TRIGGER_AM_LEVEL_RELATIVE (Analog Demod Trigger AM Level Relative) - RSEMI_ATTR_ANALOG_DEMOD_TRIGGER_FM_LEVEL (Analog Demod Trigger FM Level) - RSEMI_ATTR_ANALOG_DEMOD_TRIGGER_PM_LEVEL (Analog Demod Trigger PM Level) - RSEMI_ATTR_ANALOG_DEMOD_ENABLED (Analog Demod Enabled) - RSEMI_ATTR_ANALOG_DEMOD_AF_COUPLING (Analog Demod AF Coupling) - RSEMI_ATTR_ANALOG_DEMOD_MEAS_TIME (Analog Demod Meas Time) - RSEMI_ATTR_ANALOG_DEMOD_BANDWIDTH (Analog Demod Bandwidth) - RSEMI_ATTR_ANALOG_DEMOD_ZOOM_ENABLED (Analog Demod Zoom Enabled) - RSEMI_ATTR_ANALOG_DEMOD_ZOOM_START (Analog Demod Zoom Start) - RSEMI_ATTR_ANALOG_DEMOD_ZOOM_LENGTH_MODE (Analog Demod Zoom Length Mode) - RSEMI_ATTR_ANALOG_DEMOD_ZOOM_LENGTH (Analog Demod Zoom Length) - RSEMI_ATTR_ANALOG_DEMOD_SQUELCH (Analog Demod Squelch) - RSEMI_ATTR_ANALOG_DEMOD_SQUELCH_LEVEL (Analog Demod Squelch Level) - RSEMI_ATTR_ANALOG_DEMOD_PHASE_WRAP (Analog Demod Phase Wrap) - RSEMI_ATTR_ANALOG_DEMOD_ZERO_PHASE_REF_POINT (Analog Demod Zero Phase Ref Point)

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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"> <li>- RSEMI_ATTR_ANALOG_DEMOD_PRESET_LOAD (Analog Demod Preset Load)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_PRESET_STORE (Analog Demod Preset Store)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_PRESET_RESTORE (Analog Demod Preset Restore)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_AF_CENTER_FREQUENCY (Analog Demod AF Center Frequency)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_AF_SPAN (Analog Demod AF Span)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_AF_START_FREQUENCY (Analog Demod AF Start Frequency)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_AF_STOP_FREQUENCY (Analog Demod AF Stop Frequency)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_AF_FULL_SPAN (Analog Demod AF Full Span)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_RF_SPECTRUM_RESOLUTION_BANDWIDTH (Analog Demod RF Spectrum Resolution Bandwidth)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_RF_SPECTRUM_SPAN (Analog Demod RF Spectrum Span)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_RF_SPECTRUM_ZOOM (Analog Demod RF Spectrum Zoom)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_HIGH_PASS_AF_FILTER_ENABLED (Analog Demod Filter Frequency Highpass Enabled)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_HIGH_PASS_FILTER_FREQUENCY (Analog Demod Filter Frequency Highpass)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_LOW_PASS_AF_FILTER_ENABLED (Analog Demod Filter Frequency Lowpass Enabled)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_LOW_PASS_AF_FILTER_FREQUENCY (Analog Demod Filter Frequency Lowpass)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_LOW_PASS_FILTER_FREQUENCY_RELATIVE (Analog Demod Filter Frequency Lowpass Relative)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_FILTER_FREQUENCY_MANUAL_HIGHPASS (Analog Demod Filter Frequency Highpass Manual)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_FILTER_FREQUENCY_MANUAL_LOWPASS (Analog Demod Filter Frequency Lowpass Manual )</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_DEEMPHASIS_ENABLED (Analog Demod Deemphasis Enabled)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_DEEMPHASIS_TIME_CONSTANT (Analog Demod Deemphasis Time Constant)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_FILTER_CCITT_WEIGHTING (Analog Demod Filter CCITT Weighting)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_FILTER_CCIR_WEIGHTING (Analog Demod Filter CCIR Weighting)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_FILTER_A_WEIGHTED_ENABLED (Analog Demod Filter A Weighted Enabled)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SELECT_TRACE (Analog Demod Select Trace)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_RESULT_UNIT (Analog Demodulation Result Unit)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_AM_PPEAK (Analog Demod Summary Result Value AM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_AM_MPEAK (Analog Demod Summary Result Value AM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_AM_MIDDLE (Analog Demod Summary Result Value AM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_AM_RMS (Analog Demod Summary Result Value AM RMS)</li> </ul>

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Revision	Date	Note
		<ul style="list-style-type: none"> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_FM_PPEAK (Analog Demod Summary Result Value FM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_FM_MPEAK (Analog Demod Summary Result Value FM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_FM_MIDDLE (Analog Demod Summary Result Value FM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_FM_RMS (Analog Demod Summary Result Value FM RMS)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_PM_PPEAK (Analog Demod Summary Result Value PM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_PM_MPEAK (Analog Demod Summary Result Value PM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_PM_MIDDLE (Analog Demod Summary Result Value PM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_VALUE_PM_RMS (Analog Demod Summary Result Value PM RMS)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_AM_PPEAK (Analog Demod Summary Result Relative Value AM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_AM_MPEAK (Analog Demod Summary Result Relative Value AM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_AM_MIDDLE (Analog Demod Summary Result Relative Value AM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_AM_RMS (Analog Demod Summary Result Relative Value AM RMS)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_FM_PPEAK (Analog Demod Summary Result Relative Value FM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_FM_MPEAK (Analog Demod Summary Result Relative Value FM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_FM_MIDDLE (Analog Demod Summary Result Relative Value FM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_FM_RMS (Analog Demod Summary Result Relative Value FM RMS)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_PM_PPEAK (Analog Demod Summary Result Relative Value PM PPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_PM_MPEAK (Analog Demod Summary Result Relative Value PM MPeak)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_PM_MIDDLE (Analog Demod Summary Result Relative Value PM Middle)</li> <li>- RSEMI_ATTR_ANALOG_DEMOD_SUMMARY_RESULT_REL_VALUE_PM_RMS (Analog Demod Summary Result Relative Value PM RMS)</li> <li>- RSEMI_ATTR_AM_DETECTOR_MEAS_TO_REF_VALUE (AM Detector Meas To Reference Value)</li> <li>- RSEMI_ATTR_PM_DETECTOR_MEAS_TO_REF_VALUE (PM Detector Meas To Reference Value)</li> <li>- RSEMI_ATTR_FM_DETECTOR_MEAS_TO_REF_VALUE (FM Detector Meas To Reference Value)</li> <li>- RSEMI_ATTR_AM_DETECTOR_ENABLED (AM Detector State)</li> <li>- RSEMI_ATTR_AM_DETECTOR_MODE (AM Detector Mode)</li> </ul>

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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"> <li>- RSEMI_ATTR_AM_DETECTOR_REF_VALUE (AM Detector Reference Value)</li> <li>- RSEMI_ATTR_PM_DETECTOR_ENABLED (PM Detector State)</li> <li>- RSEMI_ATTR_PM_DETECTOR_MODE (PM Detector Mode)</li> <li>- RSEMI_ATTR_PM_DETECTOR_REF_VALUE (PM Detector Reference Value)</li> <li>- RSEMI_ATTR_FM_DETECTOR_ENABLED (FM Detector State)</li> <li>- RSEMI_ATTR_FM_DETECTOR_MODE (FM Detector Mode)</li> <li>- RSEMI_ATTR_FM_DETECTOR_REF_VALUE (FM Detector Reference Value)</li> <li>- RSEMI_ATTR_BB_INPUT_BALANCED (Baseband Input Balanced)</li> <li>- RSEMI_ATTR_BB_INPUT_SIGNAL_PATH (Baseband Input Signal Path)</li> <li>- RSEMI_ATTR_BB_FULLSCALE_MODE (Baseband Fullscale Mode)</li> <li>- RSEMI_ATTR_BB_FULLSCALE_LEVEL (Baseband Fullscale Level)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_XY_MINIMUM (Spectrogram Marker Search XY Minimum)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_XY_MAXIMUM (Spectrogram Marker Search XY Maximum)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MINIMUM (Spectrogram Marker Search Y Minimum)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MINIMUM_NEXT (Spectrogram Marker Search Y Minimum Next)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MINIMUM_NEXT_BELOW (Spectrogram Marker Search Y Minimum Next Below)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MINIMUM_NEXT_ABOVE (Spectrogram Marker Search Y Minimum Next Above)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MAXIMUM (Spectrogram Marker Search Y Maximum)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MAXIMUM_NEXT (Spectrogram Marker Search Y Maximum Next)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MAXIMUM_NEXT_BELOW (Spectrogram Marker Search Y Maximum Next Below)</li> <li>- RSEMI_ATTR_SPEM_MARKER_SEARCH_Y_MAXIMUM_NEXT_ABOVE (Spectrogram Marker Search Y Maximum Next Above)</li> <li>- RSEMI_ATTR_SPEM_DMARKER_FRAME_NUMBER (Spectrogram Delta Marker Frame Number)</li> <li>- RSEMI_ATTR_SPEM_DMARKER_REFERENCE_MARKER (Spectrogram Delta Marker Reference Marker)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_XY_MINIMUM (Spectrogram Delta Marker Search XY Minimum)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_XY_MAXIMUM (Spectrogram Delta Marker Search XY Maximum)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MINIMUM (Spectrogram Delta Marker Search Y Minimum)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MINIMUM_NEXT (Spectrogram Delta Marker Search Y Minimum Next)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MINIMUM_NEXT_BELOW (Spectrogram Delta Marker Search Y Minimum Next Below)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MINIMUM_NEXT_ABOVE (Spectrogram Delta Marker Search Y Minimum Next Above)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MAXIMUM (Spectrogram Delta Marker Search Y Maximum)</li> </ul>

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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"> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MAXIMUM_NEXT (Spectrogram Delta Marker Search Y Maximum Next)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MAXIMUM_NEXT_BELOW (Spectrogram Delta Marker Search Y Maximum Next Below)</li> <li>- RSEMI_ATTR_SPEM_DELTA_MARKER_SEARCH_Y_MAXIMUM_NEXT_ABOVE (Spectrogram Delta Marker Search Y Maximum Next Above)</li> <li>- RSEMI_ATTR_RECEIVER_MEASUREMENT_SEQUENCES (Receiver Measurement Sequences)</li> <li>- RSEMI_ATTR_FREQUENCY_CENTER_STEP_AUTO (Frequency Center Step Auto)</li> <li>- RSEMI_ATTR_FREQUENCY_CENTER_STEPSIZE (Frequency Center Stepsize)</li> <li>- RSEMI_ATTR_FREQUENCY_CENTER_STEPSIZE_FACTOR (Frequency Center Stepsize Factor)</li> <li>- RSEMI_ATTR_FREQUENCY_CENTER_STEPSIZE_TYPE (Frequency Center Stepsize Type)</li> <li>- RSEMI_ATTR_AMP_MINIMUM_LEVEL (Amplitude Minimum Level)</li> <li>- RSEMI_ATTR_AMP_SCALING_TYPE (Amplitude Scaling Type)</li> <li>- RSEMI_ATTR_FREQ_SCAN_AXIS_SCALE (Frequency Scan Axis Scale)</li> <li>- RSEMI_ATTR_FREQUENCY_SCAN_RANGE_PREAMPLIFIER_GAIN (Frequency Scan Range Preamplifier Gain)</li> <li>- RSEMI_ATTR_MARKER_USE_LAST_SCAN_ENABLED (Marker Coupling Use Last Scan Enabled)</li> <li>- RSEMI_ATTR_DMARKER_STATE (Delta Marker State)</li> <li>- RSEMI_ATTR_DMARKER_TRACE (Delta Marker Trace)</li> <li>- RSEMI_ATTR_DMARKER_AOFF (Delta Marker All Off)</li> <li>- RSEMI_ATTR_DMARKER_LINK (Marker Link)</li> <li>- RSEMI_ATTR_DMARKER_MODE (Delta Marker Mode)</li> <li>- RSEMI_ATTR_DMARKER_POSITION (Delta Marker Position)</li> <li>- RSEMI_ATTR_DMARKER_REL_POSITION (Delta Marker Rel Position)</li> <li>- RSEMI_ATTR_DMARKER_AMPLITUDE (Delta Marker Amplitude)</li> <li>- RSEMI_ATTR_DMARKER_PEAK (Delta Marker Peak)</li> <li>- RSEMI_ATTR_DMARKER_PEAK_NEXT (Delta Marker Peak Next)</li> <li>- RSEMI_ATTR_DMARKER_PEAK_NEXT_LEFT (Delta Marker Peak Next Left)</li> <li>- RSEMI_ATTR_DMARKER_PEAK_NEXT_RIGHT (Delta Marker Peak Next Right)</li> <li>- RSEMI_ATTR_DMARKER_MIN (Delta Marker Min)</li> <li>- RSEMI_ATTR_DMARKER_MIN_NEXT (Delta Marker Min Next)</li> <li>- RSEMI_ATTR_DMARKER_MIN_NEXT_RIGHT (Delta Marker Min Next Right)</li> <li>- RSEMI_ATTR_DMARKER_MIN_NEXT_LEFT (Delta Marker Min Next Left)</li> <li>- RSEMI_ATTR_BARGRAPH_LEVEL_MINIMUM (Bargraph Level Minimum)</li> <li>- RSEMI_ATTR_BARGRAPH_LEVEL_MAXIMUM (Bargraph Level Maximum)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SCALING_X (Limit Line X Scaling)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SCALING_LOWER (Limit Line Y Scaling Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SCALING_UPPER (Limit Line Y Scaling Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_MARGIN_LOWER (Limit Line Margin Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_MARGIN_UPPER (Limit Line Margin Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_OFFSET_X (Limit Line X Offset)</li> </ul>



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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"> <li>- RSEMI_ATTR_LIMIT_LINE_OFFSET_LOWER (Limit Line Y Offset Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_OFFSET_UPPER (Limit Line Y Offset Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SHIFT_X (Limit Line X Shift)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SHIFT_LOWER (Limit Line Y Shift Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SHIFT_UPPER (Limit Line Y Shift Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SPACING_X (Limit Line X Spacing)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SPACING_LOWER (Limit Line Spacing Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_SPACING_UPPER (Limit Line Spacing Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_VISIBILITY_LOWER (Limit Line Visibility Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_VISIBILITY_UPPER (Limit Line Visibility Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_THRESHOLD_LOWER (Limit Line Threshold Lower)</li> <li>- RSEMI_ATTR_LIMIT_LINE_THRESHOLD_UPPER (Limit Line Threshold Upper)</li> <li>- RSEMI_ATTR_LIMIT_LINE_TRACE_CHECK_ENABLED (Limit Line Trace Check Enabled)</li> <li>- RSEMI_ATTR_SGRAM_STATE (Spectrogram State)</li> <li>- RSEMI_ATTR_SGRAM_CLEAR (Spectrogram Clear)</li> <li>- RSEMI_ATTR_SGRAM_SELECT_FRAME (Spectrogram Select Frame)</li> <li>- RSEMI_ATTR_SGRAM_FRAMES_IN_MEMORY (Spectrogram Frames In Memory)</li> <li>- RSEMI_ATTR_SGRAM_TIME_STAMP (Spectrogram Time Stamp)</li> <li>- RSEMI_ATTR_SGRAM_COLOR (Spectrogram Color)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_FRAME (Spectrogram Marker Frame)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_FRAME_TIME (Spectrogram Marker Frame Time)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_SEARCH_AREA (Spectrogram Marker Search Area)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_MAXIMUM_LEVEL (Spectrogram Marker Maximum Level)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_MINIMUM_LEVEL (Spectrogram Marker Minimum Level)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_PEAK_ABOVE (Spectrogram Marker Y Next Peak Above)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_PEAK_BELOW (Spectrogram Marker Y Next Peak Below)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_PEAK (Spectrogram Marker Y Next Peak)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_PEAK (Spectrogram Marker Y Peak)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_MINIMUM_ABOVE (Spectrogram Marker Y Next Minimum Above)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_MINIMUM_BELOW (Spectrogram Marker Y Next Minimum Below)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_NEXT_MINIMUM (Spectrogram Marker Y Next Minimum)</li> <li>- RSEMI_ATTR_SGRAM_MARKER_Y_MINIMUM (Spectrogram Marker Y Minimum)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_FRAME (Spectrogram Delta Marker Frame)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_FRAME_TIME (Spectrogram Delta Marker Frame Time)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_SEARCH_AREA (Spectrogram Delta Marker Search Area)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_MAXIMUM_LEVEL (Spectrogram Delta Marker Maximum Level)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_MINIMUM_LEVEL (Spectrogram Delta Marker Minimum Level)</li> <li>- RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_PEAK_ABOVE (Spectrogram Delta Marker Y Next</li> </ul>

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Revision	Date	Note
		Peak Above) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_PEAK_BELOW (Spectrogram Delta Marker Y Next Peak Below) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_PEAK (Spectrogram Delta Marker Y Next Peak) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_PEAK (Spectrogram Delta Marker Y Peak) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_MINIMUM_ABOVE (Spectrogram Delta Marker Y Next Minimum Above) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_MINIMUM_BELOW (Spectrogram Delta Marker Y Next Minimum Below) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_NEXT_MINIMUM (Spectrogram Delta Marker Y Next Minimum ) - RSEMI_ATTR_SGRAM_DELTA_MARKER_Y_MINIMUM (Spectrogram Delta Marker Y Minimum) - RSEMI_ATTR_RECEIVER_TRIGGER_OFFSET (Trigger Offset) - RSEMI_ATTR_RECEIVER_TRIGGER_RFP_LEVEL (Trigger RF Power Level) - RSEMI_ATTR_RECEIVER_TRIGGER_IFP_LEVEL (Trigger IF Power Level) - RSEMI_ATTR_RECEIVER_TRIGGER_IFP_HOLDOFF (Trigger IF Power Holdoff) - RSEMI_ATTR_RECEIVER_TRIGGER_IFP_HYSTERESIS (Trigger IF Power Hysteresis) - RSEMI_ATTR_RECEIVER_TRIGGER_TIME_INTERVAL (Time Interval) - RSEMI_ATTR_EXT_GEN_INTERFACE_TYPE (External Generator Interface Type) - RSEMI_ATTR_EXT_GEN_IEEE_ADDR (External Generator IEEE Address) - RSEMI_ATTR_EXT_GEN_INTF_TYPE (External Generator Link Type) - RSEMI_ATTR_EXT_GEN_TYPE (External Generator Type) - RSEMI_ATTR_EXT_GEN_ROSC_SOURCE (External Generator Reference Oscillator) - RSEMI_ATTR_TRAN_SEL_NAME (Transducer Factor Select Name) - RSEMI_ATTR_TRAN_UNIT (Transducer Factor Unit) - RSEMI_ATTR_TRAN_SCALING (Transducer Factor Scaling) - RSEMI_ATTR_TRAN_COMMENT (Transducer Factor Comment) - RSEMI_ATTR_TRAN_STATE (Transducer Factor State) - RSEMI_ATTR_TRAN_CATALOG (Transducer Factor Catalog) - RSEMI_ATTR_TRAN_DELETE (Transducer Factor Delete) - RSEMI_ATTR_TRAN_DISPLAY (Transducer Factor Display) - RSEMI_ATTR_TRAN_ADJ_STATE (Transducer Factor Automatic Adjustment State) - RSEMI_ATTR_TRAN_ACT_NAME (Get Active Transducer Factor Name) - RSEMI_ATTR_TSET_CATALOG (Transducer Set Catalog) - RSEMI_ATTR_DATA_SET_STORE_MODE (Data Set Store Mode) - RSEMI_ATTR_HCOPY_OUTPUT (HCopy Output) - RSEMI_ATTR_HCOPY_PRINT_TABLE (Hcopy Print Table) - RSEMI_ATTR_HCOPY_COMM_SCREEN (Hcopy Comment Screen) - RSEMI_ATTR_HCOPY_PRINT_TRACE_STATE (Hcopy Print Trace) - RSEMI_ATTR_INPUT_UPORT_STATE (User Ports State) - RSEMI_ATTR_INPUT_UPORT_VALUE (User Ports Control Lines)

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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"> <li>- RSEMI_ATTR_SERVICE_INP_SOURCE (Service Input Source)</li> <li>- RSEMI_ATTR_SERVICE_CAL_FREQ_RF_SPECTRUM (Service Calibration Frequency RF Spectrum)</li> <li>- RSEMI_ATTR_SERVICE_CAL_FREQ_MW_DIST (Service Calibration Frequency MW Distance)</li> <li>- RSEMI_ATTR_SERVICE_CAL_FREQ_MW (Service Calibration Frequency MW)</li> <li>- RSEMI_ATTR_SERVICE_VERSION_INFO (Service Version Info)</li> <li>- RSEMI_ATTR_TEST_REPORT_NEW (Test Report New)</li> <li>- RSEMI_ATTR_TEST_REPORT_DATASET_ADD (Test Report Dataset Add)</li> <li>- RSEMI_ATTR_TEST_REPORT_DATASET_REMOVE (Test Report Dataset Remove)</li> <li>- RSEMI_ATTR_TEST_REPORT_DATASET_REMOVE_ALL (Test Report Dataset Remove All)</li> <li>- RSEMI_ATTR_TEST_REPORT_DEFAULT (Test Report Default)</li> <li>- RSEMI_ATTR_TEST_REPORT_TITLE (Test Report Title)</li> <li>- RSEMI_ATTR_TEST_REPORT_DESCRIPTION (Test Report Description)</li> <li>- RSEMI_ATTR_TEST_REPORT_PAGE_SIZE (Test Report Page Size)</li> <li>- RSEMI_ATTR_TEST_REPORT_HEADER_CONTROL (Test Report Header Control)</li> <li>- RSEMI_ATTR_TEST_REPORT_HEADER_TEXT (Test Report Header Text)</li> <li>- RSEMI_ATTR_TEST_REPORT_HEADER_TITLE (Test Report Header Title)</li> <li>- RSEMI_ATTR_TEST_REPORT_LOGO (Test Report Logo)</li> <li>- RSEMI_ATTR_TEST_REPORT_LOGO_CONTROL (Test Report Logo Control)</li> <li>- RSEMI_ATTR_TEST_REPORT_TEMPLATE_LOAD (Test Report Template Load)</li> <li>- RSEMI_ATTR_TEST_REPORT_TEMPLATE_SAVE (Test Report Template Save)</li> <li>- RSEMI_ATTR_TEST_REPORT_TEMPLATE_DELETE (Test Report Template Delete)</li> <li>- RSEMI_ATTR_TEST_REPORT_TEMPLATE_CATALOG (Test Report Template Catalog)</li> </ul> <p>* Removed functions:</p> <ul style="list-style-type: none"> <li>- rsemi_GetLimitLineCatalog</li> <li>- rsemi_ConfigureDisplayPowerSave</li> <li>- rsemi_ConfigureDisplaySingleSweep</li> <li>- rsemi_ConfigureDisplayMarkerTable</li> <li>- rsemi_ServiceConfigureCombGenerator</li> </ul> <p>* Removed attributes:</p> <ul style="list-style-type: none"> <li>- RSEMI_ATTR_ASSIGN_MARKER_TO_TRACE_RAISING_FALLING (Assign Marker to Trace Raising Falling)</li> <li>- RSEMI_ATTR_REFERENCE_MARKER_Y_TRIGGER (Delta Marker Y trigger)</li> <li>- RSEMI_ATTR_DISP_PWR_SAVE_STATE (Display Power Save State)</li> <li>- RSEMI_ATTR_DISP_PWR_SAVE_HOLDOFF (Display Power Save Holdoff)</li> <li>- RSEMI_ATTR_DISP_SINGLE_SWEEP (Display During Single Sweep)</li> <li>- RSEMI_ATTR_DISP_MARKER_TABLE (Display Marker Table)</li> <li>- RSEMI_ATTR_DISPLAY_STATE (Display State)</li> <li>- RSEMI_ATTR_SPEM_SIZE (Spectrogram Display Size)</li> <li>- RSEMI_ATTR_FILE_MANAGER_FORMAT_DISK (File Manager Format Disk)</li> </ul>

rsemi Instrument Driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<p>* Updated functions:</p> <ul style="list-style-type: none"> <li>- Spurious emission list, range of ranges changed from 0..20 to 0..30</li> <li>- Test Receiver Spectrogram subsystem - changed used attributes</li> <li>- Transducer subsystem - changed used attributes, unused parameters made reserved due to removed repeated capabilities</li> <li>- rsemi_ConfigurePowerChannelWeightingFilters - obsolete, replaced by rsemi_ConfPowerChannelWeightingFilters</li> <li>- rsemi_ConfigureTriggerSource - added new trigger sources relevant to FSWT</li> <li>- rsemi_ConfigureExternalGate - added new gate sources relevant to FSWT</li> <li>- rsemi_ConfigureFrequencyCouplingFactor - 10% span no longer supported</li> <li>- rsemi_ConfigureSpectrumAcquisition - changed used attribute</li> <li>- rsemi_ConfigureIFOutputSource - added AM, FM, Focus, I/Q, PM and Off</li> <li>- rsemi_ConfigureReferenceMarker - changed used attribute</li> <li>- rsemi_ConfigureMarkerPeakListSettings - changed used attribute</li> <li>- rsemi_ConfigureSpectrumDeltaMarker - changed used attribute</li> <li>- rsemi_ConfigureSpectrumDeltaMarkerPosition - changed used attribute</li> <li>- rsemi_DisableAllDeltaMarkers - changed used attribute</li> <li>- rsemi_SpectrumDeltaMarkerSearch - changed used attribute</li> <li>- rsemi_QuerySpectrumDeltaMarker - changed used attribute</li> <li>- rsemi_ConfigureReferenceOscillator - added Sync</li> <li>- rsemi_ConfigureRFPowerTriggerHoldoff - changed used attribute</li> <li>- rsemi_Calibration - parameter Sync is no longer used</li> <li>- rsemi_ConfigureAutoAdjust - FSWT support implemented</li> <li>- rsemi_ConfigureAutoAdjustHysteresis - changed used attributes</li> <li>- rsemi_SelectPowerMeasurement - removed TDMA Power</li> <li>- rsemi_ConfigurePowerChannelSpacing - changed used attribute</li> <li>- rsemi_ConfigurePowerChannelBandwidth - changed used attribute</li> <li>- rsemi_ConfigureChannelPowerStandard - added Multi Standard Radio, TD-SCDMA Rev, User</li> <li>- rsemi_QueryPowerResults - removed All Results of Occupied Bandwidth</li> <li>- rsemi_ConfigureOccupiedBandwidth - changed used attributes</li> <li>- rsemi_ModulationDepthSignalSearch - changed used attribute, parameter Marker no longer used (renamed to Reserved)</li> <li>- rsemi_BurstPowerFilterType - added MIL and Pulse filter types</li> <li>- rsemi_ConfigureSESweepListFilterType - added MIL filter type</li> <li>- rsemi_ConfigureSESweepListDetector - added AC Video Pulse and AC Video Sine detectors</li> <li>- rsemi_ConfigureSEM - removed item User from ring Limit Line Type</li> <li>- rsemi_SEMSearchPeak - changed used attribute</li> <li>- rsemi_ConfigureSpectrogramDisplayParameters - Spectrogram size no longer supported, function parameter renamed to Reserved</li> <li>- rsemi_SpectrogramMarkerSearch - changed used attributes</li> </ul>

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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"> <li>- rsemi_ConfigureSpectrogramDeltaMarker - changed used attributes</li> <li>- rsemi_ConfigureSpectrogramDeltaMarkerPosition - changed used attributes</li> <li>- rsemi_QuerySpectrogramDeltaMarker - changed used attributes</li> <li>- rsemi_SpectrogramDisableAllDeltaMarkers - changed used attribute</li> <li>- rsemi_ConfigureSpectrogramDeltaMarkerFrameNumber - changed used attribute</li> <li>- rsemi_SpectrogramDeltaMarkerSearch - changed used attributes</li> <li>- rsemi_ConfigureSpectrogramReferenceMarker - changed used attribute</li> <li>- rsemi_ConfigureTraceDetectorSelection - added AC Video Pulse and AC Video Sine detectors</li> <li>- rsemi_ConfigureAmplitudeMinimumLevel - changed used attribute, parameters Window and Trace no longer used</li> <li>- rsemi_ConfigureAmplitudeScalingType - changed used attribute, parameters Window and Trace no longer used</li> <li>- rsemi_ConfigureDeltaMarker - changed used attributes</li> <li>- rsemi_DisableAllDeltaMarker - changed used attribute</li> <li>- rsemi_LinkMarkerAndDeltaMarker - changed used attribute</li> <li>- rsemi_DeltaMarkerSearch - changed used attributes</li> <li>- rsemi_ConfigureDeltaMarkerPosition - changed used attributes</li> <li>- rsemi_QueryDeltaMarker - changed used attribute</li> <li>- rsemi_QueryDisplayBargraphLevel - changed used attributes</li> <li>- rsemi_ConfigureDisplayBargraphDetectorSelection - added AC Video Pulse and AC Video Sine detectors</li> <li>- rsemi_ConfigureLimitLineScaling - changed used attributes</li> <li>- rsemi_ConfigureLimitLineMargin - changed used attributes</li> <li>- rsemi_ConfigureLimitLineOffset - changed used attributes</li> <li>- rsemi_ConfigureLimitLineShift - changed used attributes</li> <li>- rsemi_ConfigureLimitLineInterpolation - changed used attributes</li> <li>- rsemi_ConfigureLimitLineVisibility - changed used attributes</li> <li>- rsemi_ConfigureLimitLineThreshold - changed used attributes</li> <li>- rsemi_ConfigurePersistenceSpectrumMarkerPosition - changed parameter Marker Position from ring to numeric input</li> <li>- rsemi_ConfigureFrequencyScanAxisScale - changed used attribute, parameters Window and Trace no longer used</li> <li>- rsemi_ConfigureScanTransmissionMode - added Clickrate Analyze</li> <li>- rsemi_ConfigureFinalMeasurementDetector - added AC Video Pulse and AC Video Sine detectors</li> <li>- rsemi_FileManagerOperations - removed Format Disk</li> <li>- rsemi_NetworkUsedDrivesList - changed from attributes to direct write</li> <li>- rsemi_ConfigureHardcopyDevice - added PDF and RTF</li> <li>- rsemi_HardcopyPrint - changed used attributes</li> <li>- rsemi_HardcopyComment - changed used attribute</li> <li>- rsemi_ConfigureControlLinesState - changed used attribute, parameter Window no longer used</li> <li>- rsemi_GetControlLines - changed used attribute, parameter Window no longer used</li> <li>- rsemi_ServiceConfigureInput - changed used attribute, parameter Window no longer used, Input TG no longer available</li> </ul>

<b>rsemi Instrument Driver</b>		
<b>Driver history for LabWindows/CVI and VXIplug&amp;play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.</b>		
Revision	Date	Note
		- rsemi_ServiceConfigurePulsedInput - changed used attribute, parameters Window and State no longer used
1.3.0	10/2013	* Support for Spectrogram added * Added: - rsemi_ConfigureDisplayBargraphCoupling - rsemi_ReadSpectrogramTimeStampData
1.2.0	03/2013	* Support for ESR version 1.78 added * Support for ESRP added  * Added: - rsemi_ConfigureScanTime - rsemi_ConfigureFrequencySignalTrack - rsemi_ConfigureTimeLineState - rsemi_ConfigureTimeLinePosition - rsemi_QueryTransducerFactorCatalog - rsemi_SelectTransducerSet - rsemi_ConfigureTransducerSet - rsemi_QueryTransducerSetCatalog - rsemi_DeleteTransducerSet - rsemi_QueryActiveTransducerSet  * Modified: - rsemi_SetStatusRegister - rsemi_GetStatusRegister - rsemi_ConfigureFrequencyMode - rsemi_ConfigureLimitLine - rsemi_ConfigureScanTransmissionMode - rsemi_ConfigureDelayCompensation - function removed
1.1.0	02/2013	* Support for Spectrum Analyzer added  * Added: - rsemi_ConfigureErrorChecking - rsemi_PeakSearch - rsemi_ConfigureScanTransmissionMode - rsemi_FetchReceiverScanMeasurement  * Modified: - rsemi_ConfigureSpectrogramResultDisplayMode - renamed to rsemi_ConfigureResultDisplay
1.0.0	08/2012	Initial release

## About Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, radiomonitoring and radiolocation. Founded more than 80 years ago, this independent company has an extensive sales and service network and is present in more than 70 countries.

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## Environmental commitment

- Energy-efficient products
- Continuous improvement in environmental sustainability
- ISO 14001-certified environmental management system
- 



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