Agilent U1061A
Acqiris PXI High-Speed Digitizers DC140 and DC135

Configuration Guide

Introduction

This document provides configuration information for the Agilent 8-bit PXI high-speed digitizers, Acqiris DC140 and DC135.

Required selections	
Bandwidth and sample rate	*Instructions: Select the required bandwidth and sample rate. Both options provide dual-channel performance with inter-leave capability on either input channel.*
U1061A-001	Dual-channel, 500 MHz, 0.5 - 1 GS/s, 64 - 128 kSamples, DC135
U1061A-002	Dual-channel, 1 GHz, 1 - 2 GS/s, 128 - 256 kSamples, DC140
Front-end performance	*Instructions: Select the required front end. One front end is required per card.*
U1061A-F50	Dual channel 50 Ω front end
Input connector types	*Instructions: Select the required connector type for the two input channels, and the trigger input. Three connectors are required per card.*
U1061A-BNC	BNC connectors
U1061A-SMA	SMA connectors

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Options	
Memory options	*Instructions: The standard module is supplied with 128 or 256 kSamples of acquisition memory. If required, two memory extension options are available.*
U1061A-M16	16 MSample acquisition memory for U1061A-002
U1061A-M4M	4 MSample acquisition memory for U1061A-001

Firmware option	*Instructions: With frequency counter firmware, it's possible to measure the average frequency or period of a signal for frequencies up to 400 MHz.*
U1061A-FC1	Frequency counter firmware

Calibration certificate	*Instructions: If required, and calibration data along with calibration certificate can be provided.*
U1061A-UK6	Calibration certificate and cal data

Manuals	*Instructions: Available from Agilent.com, optional hard-copy paper manuals and CD-ROM software and drivers are also available.*
U1061A-0B1	User manual kit for Acqiris 8-bit digitizers
U1061A-0B2	Programmers reference manual
U1061A-0B3	Programmers guide
U1061A-0B4	Software and drivers CD

System Information

For creation of an integrated Compact PCI system, including chassis, interface or single board computer, please refer to the U1056B product.

U1056B Data converter system

www.agilent.com

Product specifications and descriptions in this document subject to change without notice.

For more information on the Acqiris product line, sales or services, see our website at:

www.agilent.com/find/acqiris

Contacts

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