Agilent U1062A
Acqiris PXI High-Speed Digitizers
DC152 and DC122

Configuration Guide

Introduction

This document provides configuration information for the Agilent 10-bit PXI high-speed digitizers, Acqiris DC152 and DC122.

Required selections	
Single channel or dual-channel	*Instructions: Select the required number of channels.*
U1062A-001	Single-channel, 4 GS/s, 512 kpoints, DC122
U1062A-002	Dual-channel, 2-4 GS/s, 256-512 kpoints, DC152

Front-end performance	*Instructions: Select the required front end. One front end is required per card. A DC122 will only accept single channel front end mezzanine, and a DC152 dual-channel mezzanine.*
U1062A-2F5	Dual channel 50 Ω, 2 GHz front-end
U1062A-F50	Single channel 50 Ω, 2 GHz front-end

Input connector types	*Instructions: Select the required connector type for the input channels, and the trigger input. Three connectors are required per DC152 card (2 input + 1 trigger), and two connectors per DC122 (1 input + 1 trigger)*
U1062A-BNC	BNC connectors
U1062A-SMA	SMA connectors

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Options	
Memory options	*Instructions: The standard module is supplied with 512 kSamples of acquisition memory. If required, two memory extension options are available.*
U1062A-512	512 MSample acquisition memory
U1062A-M64	64 MSample acquisition memory

Calibration certificate	*Instructions: If required, and calibration data along with calibration certificate can be provided.*
U1062A-UK6	Calibration certificate and cal data

Manuals	*Instructions: Available from Agilent.com, optional hardcopy paper manuals and CD-ROM software and drivers are also available.*
U1062A-0B1	User manual kit for Acqiris 10-bit digitizers
U1062A-0B2	Programmers reference manual
U1062A-0B3	Programmers guide
U1062A-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

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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

Agilent Acqiris Product Information

USA	(800) 829-4444
Asia-Pacific	61 3 9210 2890
Europe	41 (22) 884 32 90

Additional Agilent Contact Information

Americas

Canada	(877) 894-4414
Latin America	305 269 7500
United States	(800) 829-4444

Asia Pacific

Australia	1 800 629 485
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France	0825 010 700*
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Ireland	1890 924 204
Israel	972-3-9288-504/544
Italy	39 02 92 60 8484
Netherlands	31 (0) 20 547 2111
Spain	34 (91) 631 3300
Sweden	0200-88 22 55
Switzerland	0800 80 53 53
United Kingdom	44 (0) 118 9276201

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