

Keysight Technologies GPIB, USB and Instrument Control Products

Selection Guide



Link up easily to GPIB, USB and RS-232 instruments with
Keysight's instruments control hardware products

Selection Guide

Use the color-coded selection guide below to match any instrument perfectly to the recommended instrument control product.

For control via instrument - USB interface									
For control via instrument - RS-232 interface									
For control via instrument GPIB interface									
Instrument	Model	GPIB to PC via PCI/PCIe®				GPIB to PC via USB	GPIB to PC via LAN	RS-232 to PC via LAN	USB to PC via LAN
		82350B	82350C	82351A	82351B	82357B	E5810B	E5810B	E5810B
Digital Multimeters (DMM)	34401A				•			•	
	34410A, 34411A				•				•
	L4411A				•				•
	34420A				•			•	
	34450A				•				•
	3458A				•				
	U2741A								•
Oscilloscopes	InfiniiVision 2000 X-Series, 3000 X-Series, 4000 X- Series				•				•
	InfiniiVision 6000 Series				•				•
	InfiniiVision 7000B Series								•
	Infiniium 9000 Series							•	•
	Infiniium 9000 H-Series								•
	Infiniium 90000A Series, 90000 X-Series, 90000 Q-Series				•				•
	86100D				•			•	•
	U270xA								•
Power supply	E3600 Series, E3640 Series				•			•	
	6610 Series, 6630 Series				•			•	
	66311B, 66332A				•			•	
	N5700, N6700, N8700 Series, B296xA				•				•
	6620 Series, 6640 Series, 6650 Series, 6670 Series, 6680 Series, 6690 Series, 6030 Series, 66000 Series				•				
Function/ Arbitrary Generators	33500B Series, 3352xA, 33210A, 33220A				•				•
	81180B, 81160A				•				•
	33250A				•			•	
	U2761A								•
Frequency Counters	53200 Series				•				•
	5313xA, 53181A				•				

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For control via instrument GPIB interface									
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Instrument	Model	82350B	82350C	82351A	82351B	82357B	E5810B	E5810B	E5810B
Frequency Counters	53140 Series, 53150 Series	●						●	
Power Meters	EPM Series, EPM-P Series	●						●	
	N191xA P-Series	●							●
	N432A	●							●
	8990B								●
Power Sensors	U2000 Series, U2020 X-Series, U8480 Series								●
Spectrum Analyzers (Signal Analyzers)	N9030A - PXA	●							●
	N9020A - MXA	●							●
	N9010A - EXA	●							●
	N9000A - CXA	●							●
	E444xA - PSA Series	●							●
	E44xxB - ESA E-Series, ESA L-Series	●						●	
	N9320B, N9322C	●							●
Network Analyzers	PNA Series, PNA-L Series, PNA-X Series	●							●
	ENA Series	●							●
	E5061B	●							
Signal Generators	N518xB MXG X-Series	●							●
	N517xB EXG X-Series	●							●
	N518xA MXG Series	●							●
	E44x8C ESG, E82x7D PSG, E8863D PSG	●							
Data Acquisition/ Switch	34972A								●
	34970A, 3499 Series	●						●	
	34980A	●							●
	U2300A Series, U2500A Series, U2600A Series								●

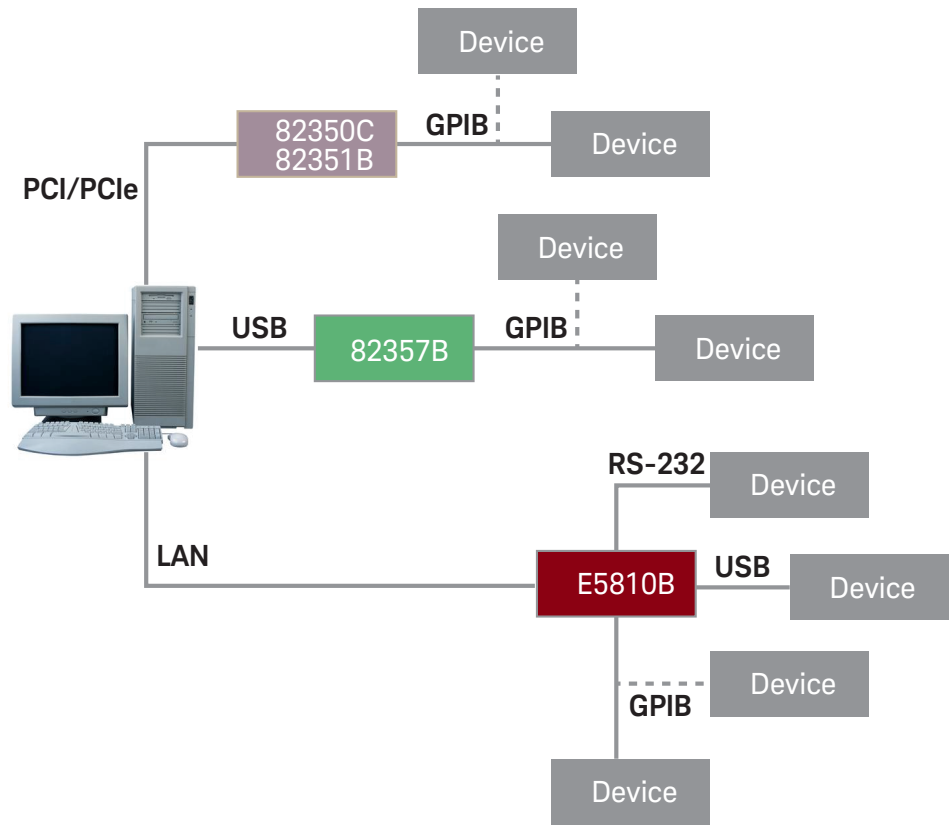
Selection Guide, continue

Select the right connectivity for your need

	Model	Description	Recommended Use
GPIB Boards	82350B	High Performance PCI-GPIB Interface Card	- Maximum GPIB throughput for all configurations - Adding GPIB connection for PCI-based PCs or workstations
	82350C	High Performance PCI-GPIB Interface Card	- Maximum GPIB throughput for all configurations - Standard and low-profile brackets allow flexible connection
	82351A	High Performance PCIe-GPIB Interface Card	- Bandwidth-intense test applications - Adding GPIB connection for PCIe-based PCs or workstations
	82351B	High Performance PCIe/GPIB card Interface Card	- Bandwidth-intensive test applications - Standard and low-profile brackets allow flexible connection
USB Converters	82357B	USB/GPIB Interface	- Easiest GPIB connectivity - Notebook computer GPIB connections
LAN Converters	E5810B	LAN/GPIB/USB Gateway	- One-box connectivity – remote GPIB, RS-232 and USB connections - Sharing of instruments in a distributed system
Cables and Adapter	10833x	GPIB Cables	10833A – 1 m 10833C – 4 m 10833F – 6 m 10833B – 2 m 10833D – 0.5 m 10833G – 8 m
	10834A	GPIB-to-GPIB Adapter	Extends the first cable 2.3 cm away from the rear panel to provide clearance for other connectors, switches, and cables.

System Topology

Keysight instrument control products help connect your instruments to PC easily, reliably and affordably. From legendary GPIB cables to the one-box connectivity solution, see how each provides seamless integration of your instruments no matter where they are placed in your system.



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LAN eXtensions for Instruments puts the power of Ethernet and the Web inside your test systems. Keysight is a founding member of the LXI consortium.



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PCI eXtensions for Instrumentation (PXI) modular instrumentation delivers a rugged, PC-based high-performance measurement and automation system.



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Asia Pacific

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