

ZTEC Instruments ZT4211-01PXI

Digital Storage Oscilloscope



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ZT4210 Series

300 MHz, 1 GS/s, 8-bit Oscilloscope/Digitizer

FEATURES

- 300 MHz typical analog bandwidth, 250 MHz minimum
- Real-time sampling up to 1 GS/s interleaved or 500 MS/s non-interleaved
- Equivalent and interpolated sampling up to 100 GS/s
- On-board memory with up to 256M samples record length (128M samples/channel)
- Segmented memory mode for analysis of repetitive signals and statistical analysis
- Direct inputs of +/- 300 Vpeak (CAT II)
- Input ranges from 1.25 mV/div to 40 V/div



	Instrument	Resolution	Maximum Sample Rate	Analog Bandwidth	Channels			Voltage Ranges	Maximum Record Length
					PXI	VXI	LXI		
M-CLASS	ZT4211	8 bit	1 GS/s	300 MHz	2	2	2	12.5mVpp -400Vpp	256M samples
	ZT4212	8 bit	1 GS/s	300 MHz	-	4	4	12.5mVpp -400Vpp	256M samples

ZT8440 Series

160 MHz IF Digitizer

FEATURES

- Single-ended I and Q inputs
- 160 MHz instantaneous bandwidth
- On-board memory up to 128 MS record length
- Programmable signal conditioning including range and offset
- 1 GHz Input bandwidth



	Series	Type	Analysis Bandwidth	ADCs	Baseband Inputs	Baseband Frequency	Baseband Input Range	Memory
RECEIVER	ZT8440	IF Digitizer	160 MHz	Dual 14-bit 400 MS/s	Qty. 2 Single-Ended	DC to 1 GHz	+10 dBm	128MS per I/Q channel

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