

Product Description:

Tektronix VX4240 17-Bit, 16 Channel, 200kHz Digitizer Module



Sampling Frequency: 0.005Hz To 10 Mhz
Type: Differential Or Single-Ended
Coupling: Ac,Dc Or Ground
Impedance: 50 Ohm
Memory Control: Pre,Center,Post- Trigger Measurement Accuracy: 0.2%

Performance Characteristics of the VX4240

Form Factor	Module (VXI)
Type	A/D
Minimum Bandwidth	5 MHz
Maximum Bandwidth	5 MHz
Sampling Rate	10 MSa/s
Resolution	12 bits
Sampling Memory	256000 bytes
Maximum Input Voltage	100 V
Measurement Accuracy	0.2 %
Common mode Rejection Ratio	60 dB
Trigger Source	External
Connector Type to DUT	BNC(f)

VX4240 VXI Characteristics

Number Of Slots	1 QTY
Size	C
Cooling Requirement-Airflow	2.7 Lt/Sec
Cooling Requirement-Backpressure	0.19 mm
Peak DC Current @ +5V	3.85 A
Peak DC Current @ +24V	0.22 A
Peak DC Current @ -24V	0.23 A
Peak-Peak Dynamic Current@ +5V	2 A
Peak-Peak Dynamic Current@ +12V	0.04 A
Peak-Peak Dynamic Current@ -12V	0.04 A

Programmability/Connectivity of the VX4240

User Interface	Proprietary
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VX4240 Life Cycle Data

Out of Production	Jul-11-2005
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VX4240 Compliance

CE Compliance	Not on file
UL Compliance	Not compliant

VX4240 Power Requirements

Input Power	Not required
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Options for VX4240

Option	US List Price
01 / 512k Memory	\$500
02 / 1M Memory	\$1,100
2A / ARB WAVE OUT	\$3,100
95 / CERTIFICATE OF CALIBRATION	\$150
96 / CERTIFICATE OF CALIBRATION	\$50
X1 / EXCHG SERVICE 1 YR EXCHANGE ACC	\$455
X2 / EXCHG SERVICE 2 YR EXCHANGE ACC	\$750
X3 / EXCHG SERVICE 3 YR EXCHANGE ACC	\$900