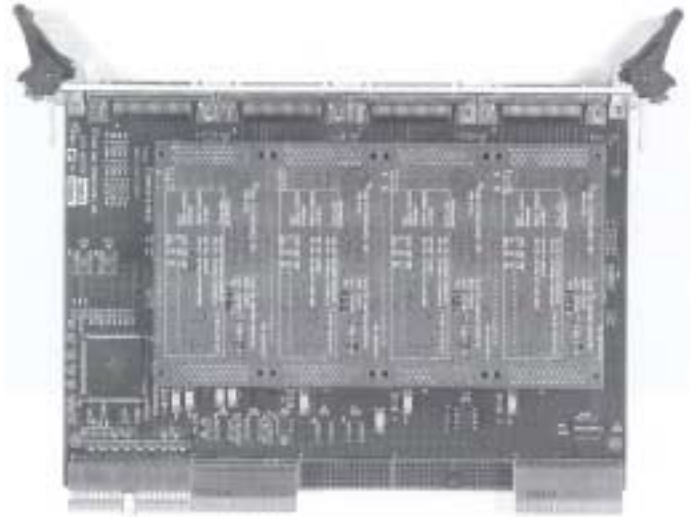


This product is manufactured by C&H Technologies, Inc. and exclusively distributed by Racal Instruments, Inc.

ABS Source Module Model PX463D

The PX463D is a 6U PXI four (4) channel slewable function generator that is specifically designed as a source for testing of electronic Anti-Lock Brake System (ABS) control modules. Each of the four (4) channels is independently programmable such that effective simulation of vehicle wheel signals may be accomplished. All outputs are transformer coupled. An IVI driver is furnished with each module.



SPECIFICATIONS (Each of 4 Channels)

Output Waveform

Sine, Square, Triangle, Sawtooth

Frequency Outputs

Range: 0 to 1 kHz, 10 kHz, 100 kHz, 1 MHz

Resolution: 1 Hz, 10 Hz, 100 Hz, 1 kHz (respectively)

Output Voltage Control

Amplitude: 0 to 10 V pk-pk
(± 2 dB, 300 Hz to 200 KHz)

Operating Modes

Fixed/follow frequency
Single ramp
Single cycle
Continuous cycle

Duty Cycle Control

15 % to 85%
Internal or external control

Programmable Functions

Slew (sweep times)
Start frequency & voltage
Stop frequency & voltage
Dwell (delay) times

Slew (Sweep) Start Synchronization

PXI trigger or external strobe

Connectors

Four (4) AMP Amplitude 1-787082-5

Temperature

Operating: 0° C to 50° C
Storage: -40° C to 70° C

Module Power

+3.3 V @ 100 mA
+5 V @ 1 A
+12 V @ 240 mA
-12 V @ 240 mA

PXI/cPCI/IP Compliance

Complies with PXI Rev. 1.0, cPCI
PICMG 2.0 Rev. 2.1, PCI Rev. 2.1,
and ANSI/Vita 4-1995 IP spec.
33 MHz/32-bit PCI access
Full Individual Interrupt Support
PXI Bussed Trigger and STAR Trigger
support
Form Factor: Size 6U

Applications

Anti-lock brake system testing
Tachometer output simulation
Frequency sweeping source
Low frequency function generator

Ordering Information

Part Number: 11028360-0001