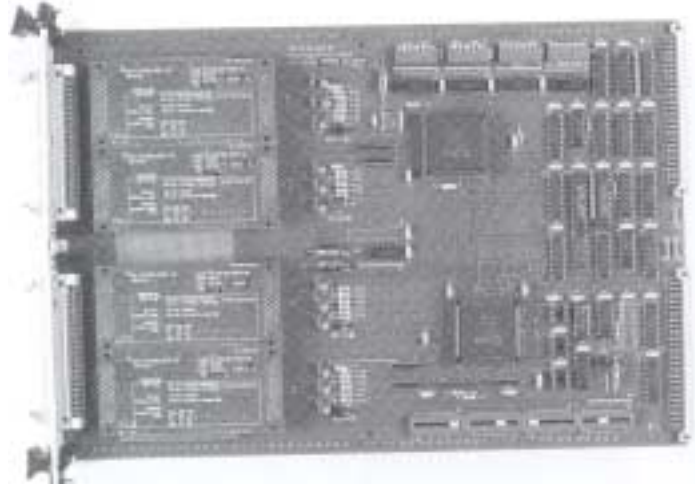


This product is manufactured by C&H Technologies, Inc.
and exclusively distributed by Racal Instruments, Inc.

ABS Source Module Model VX463C

The VX463C is a four (4) channel slewable function generator that is specifically designed as a source for testing of electronic Anti-Lock Brake System (ABS) control modules in the C-size VXIbus format. 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 or available for 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 Vp-p
(± 2 dB, 300 Hz to 200 kHz)

Operating Modes

Fixed/follow frequency
Single ramp
Single cycle
Continuous cycle

Programmable Functions

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

Duty Cycle Control

15% to 85%
Internal or external control

Slew (Sweep) Start Synchronization

VXI trigger or external strobe

Connectors

Four (4) industry standard 50-pin IDC
Sockets

Temperature

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

Module Power

+5 V @ 1.8 A
+12 V @ 240 mA
-12 V @ 240 mA

VXIbus Compliance

Complies with ANSI/IEEE Std 1014-
1987, and VXIbus Rev. 1.4
A/16/24/32:D16 DTB Slave
Fully programmable interrupts
BRX tied to BGX
Form Factor: Size C

Applications

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

Ordering Information

Part Number: 11028350-0001