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Find the *Astronics / C&H Technologies IP2025* at our website: *Click HERE*

Racal Instruments

http://www.racalinstruments.com

PRODUCT INFORMATION

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

Slewable Function Generator Model IP202S



The IP202S is a single-wide industry pack (IP) function generator that provides a signal output that can sweep through a frequency range at a programmable slew rate. The output signal can be a sine, square, triangle, or sawtooth waveform up to 1 MHz and may be direct or transformer coupled. Signal amplitude and offset level can also vary with frequency. The IP202S can be used with any conforming industry pack carrier, such as carriers for VME/VXI, PC-AT, PCI, or NUBus.

SPECIFICATIONS

Output Waveforms
Sine, Square, Triangle Sawtooth

Frequency Outputs
Range: 0 to 1 kHz, 10 kHz, 100 KHz, or 1 MHz
Resolution: 1 Hz, 10 Hz, 100 Hz, or 1 kHz

Output Voltage Control
Amplitude: 0 to 10 V pp
Offset (direct output only): -5 V to +5 V

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 Start Synchronization
IP Strobe or External Strobe

Temperature
Operating: 0º C to 50º C
Storage: -40º C to 70º C

Power
+5 V @ 150 mA
+12 V @ 60 mA
-12 V @ 60 mA

IP Compliance
Complies with ANSI / VITA Std. 4-1995 for single-wide IP Modules
Data Transfers: 16 bit
Strobe: Supported
Clock Rate: 8 MHz

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

Ordering Information
Direct Output: 11027720-0001
Direct and Transformer Output: 11027720-0002

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The Racal Instruments and C&H Technologies policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.

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