## **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: 0° C to 50° C Storage: -40° C to 70° 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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