

Dual Channel Function/Arbitrary Waveform Generator

multicompPRO

**RoHS
Compliant**



Introduction

The product has 25MHz maximum output rate, 125 MS/s sampling rate, and 14-bit vertical resolution. It has equivalent dual channel independent output, modulation, sweep frequency, Burst, and other complex waveform generation functions.

Features

- 1 μ Hz full-band resolution
- 5MHz~30MHz pulse waveform, adjustable rise/fall time
- 14-bit/16-bit vertical resolution
- Two equivalent-performance channels
- Max arbitrary waveform length of 8k/16M points; 48/161
- Non-volatile waveforms storage

Specifications

Max frequency	25MHz
Channels	2
Sampling rate	125MS/s
Waveforms	Sine, square, ramp, pulse, noise, DC, arbitrary
Working modes	Output on/off, continuous, modulation, sweep, burst
Modulations	"AM, FM, PM, ASK, FSK, PSK, PWM"
Arbitrary Waveform	
Length	8pts~8kpts
Vertical resolution	14 bits
Frequency Characteristics	
Sine	1 μ Hz to 25MHz
Square	1 μ Hz to 5MHz
Pulse	1 μ Hz to 5MHz
Ramp	1 μ Hz to 400kHz
Arbitrary	1 μ Hz to 5MHz
Noise	25MHz (-3dB)
Resolution	1 μ Hz

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Accuracy	±0.5ppm 25°C
	First year aging rate: 1ppm
	Temperature coefficient: ±0.5ppm/°C
Temperature Coefficient	<2ppm/°C
Interfaces	USB Host, USB Device, frequency counter
General Characteristics	
Power	100V to 240V ACrms, 50Hz/60Hz
Display	4.3-inch TFT LCD, WVGA (480 × 272)
Product colour	White and grey
Product net weight	3.2kg
Product size	265mm × 110mm × 320mm
Standard accessories	BNC-BNC Cable, BNC Cable with Alligator clips, US Power cord, USB Interface cable
Warranty	03 years

Part Number Table

Description	Part Number
Function/Arbitrary Waveform Generator, Dual Channel, 25MHz, 125MS/s	MP750666 US

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