

20MHz Function/Arbitrary Waverorm Generator SDG5122

120MHz Function/Arbitrary Waverorm Generator SDG5122

Quick Details

- Place of Origin: Guangdong, China (Mainland)
- Brand Name: SIGLENT
- Model Number: SDG5122
- Frequency: 1 μ Hz
- Highest frequency output: 120MHz
- Output channels: 2
- Sample rate: 500MSa/s
- Wave length: CH1:16Kpts,CH2:512Kpts

Specifications

Apply DDS technology
Double channels output
Phase adjustable
Output frequency up to 160MHz

Application
IC test
Analog sensor
Simulated environment signals Electrical circuit function test Education and training

Features and Benefits

Apply DDS technology, double channels output, phase adjustable, output frequency up to 160MHz
Output frequency up to 160MHz, 500MSa/s sampling rate, 14bits vertical resolution, 512Kpts wave length
2ppm high frequency stability,-108dBc/Hz low phase noise
Abundant modulation functions, sweep-frequency output, burst output Built-in high precision frequency counter, frequency up to 200MHz
Standard interfaces: USB Device, USB Host
Seamlessly work with SIGLENT Digital Storage Oscilloscope and support remote command control

Specifications

Model: SDG5122

Maximum output frequency: 120MHz

Output channels: 2

Sampling rate: 500MSa/s

Wave length: CH1:16Kpts,CH2:512Kpts

Frequency resolution: 1 μ Hz

Vertical resolution: 14bit

Waveform

Sine, Square, Ramp, Pulse, Gaussian white noise, Arb

Modulation function

AM,DSB-AM, FM, PM, FSK, ASK,PWM, Sweep, Burst

Amplitude

CH1/CH2 \leq 40MHz: 1mVpp~10Vpp(50 Ω), 2mVpp~20Vpp(high impedance)

40MHz~100MHz: 1mVpp~5Vpp(50 Ω), 2mVpp~10Vpp(high impedance)

100MHz~130MHz: 1mVpp~2.5Vpp(50 Ω),2mVpp~5Vpp(high impedance)

130MHz~160MHz: 1mVpp~1.5Vpp(50 Ω),2mVpp~3Vpp(high impedance)

Frequency counter

Frequency range: 100 mHz ~ 200 MHz

Interface: USB Host, USB Device

Optional interface: LAN,GPIB(IEEE-488)

Dimension: 261mm*104.85mm*343.8mm