

TEKTRONIX

AWG2041

The Tektronix AWG2041 is a discontinued high-speed arbitrary waveform generator capable of clock rates up to 1.024 GS/s, delivering complex waveforms up to 500 MHz.

SPECIFICATIONS

General

Interfaces	GPIB (IEEE-488.2), RS-232C
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Physical

Power Supply	90 to 250 V AC, 48 to 63 Hz, 300 W maximum
Operating Temperature	+10 °C to +40 °C °C

Main Specifications

Maximum Sample Rate	1.024 GS/s
Maximum Waveform Frequency	500 MHz
Vertical Resolution	8-bit
Maximum Record Length	1 MB (4 MB with Opt. 01)

Connectivity and Interfaces

Instrument Integration	Direct DSO Waveform Transfers
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Options and Configurations

Hardware Options	8-Bit 1 GHz Digital Data Generator
Firmware/Software Options	FFT Editor (Option 09)

Outputs

Number of Channels	1
Output Impedance	50 Ω
Amplitude Range	20 mV to 2 Vp-p (into 50 Ω)
DC Offset Range	-1.0 V to +1.0 V (into 50 Ω)

Triggering

Trigger Modes	Continuous, Triggered, Burst, Gated
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Environmental

Storage Temperature	-20 °C to +60 °C
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TECHNOLOGY

Arbitrary Waveform Generation

APPLICATIONS

Test and Measurement

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.