

TEKTRONIX

DG2020A

The Tektronix DG2020A is a high-performance digital pattern generator from the DG2000 series, designed for evaluating digital semiconductors and logic circuits. It offers a data rate up to 200 Mb/s and flexible sequencing capabilities, making it suitable for characterization, debug, validation, and verification processes.

SPECIFICATIONS

General

Interfaces	GPIB, RS-232-C
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General Characteristics

Number of Channels	12, 24, or 36 (configuration dependent)
Maximum Data Rate	200 Mb/s

Pattern Generation Capabilities

Pattern Data Import	Via DG-Link Software Utility
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User Interface and Remote Control

Remote Interface Standard	GPIB (IEEE-488.2)
Remote Interface Serial	RS-232-C
Software Utility	DG-Link

Output Characteristics

Output Impedance	50 Ω
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Clock Output

Clock Output Impedance	50 Ω
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Reference Clock

External Reference Input Frequency	10 MHz
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Regulatory Compliance

Safety	UL 3111-1, CSA C22.2 No. 1010.1, EN 61010-1
EMC	EC Council Directive 89/336/EEC; EN 55011 Class A

Connectivity

GPIB Connector	IEEE 488.2 compatible
RS-232 Connector	D-sub 9-pin

APPLICATIONS

Digital IC Characterization and Verification, Logic Circuit Testing, ATE Systems

