

4010

10 MHz Pulse Generator

Product Features:

Frequency Range 0.1Hz to 10 MHz

Rise and Fall Time <10 ns

Eight Crystal Derived Accurate Spot Frequencies

Variable Pulse Width Control in 6 Decade Ranges



Overview:

The 4010 includes only the basic facilities of a pulse generator making it a reliable, durable, and easy-to-operate unit for educational settings. The generator can be used to test digital circuits, provide noise-free pulse, define the resonant frequency of an L-C circuit, define R-C times, test the quality of a power supply, and to test power amplifiers.

Specifications

Frequency Range	0.1 Hz to 10 MHz in 8 decade ranges
Crystal Spot Frequencies	10 MHz, 1 MHz, 100 KHz, 10 KHz, 1 KHz, 100 Hz, 10 Hz, 1 Hz.
Internal Triggering	0.1 Hz to 10 MHz
External Triggering	10 Hz to 10 MHz
Manual Triggering	1 pulse out for each switch press
Ext. Trig-Input	± 1 V to ± 10 V pk-pk sine & square waveform
Width	50 ns-50 ms (6-decade ranges & variable)
Delay	0-2 μ s variable w.r.t. trigger
Output Polarity	Normal/Inverting
Output Polarity Voltage	1 V -10 V (open circuit)
Pulse Out	0.5 V-5 V at 50 Ω
Impedance	50 Ω
Rise & Fall Time	10 ns
Output Terminal	BNC Connector
AC Input	120 V
Consumption	10 VA
Dimensions	11in (W) x 3.7in (H) x 12.2in (D)
Weight	6.6 lbs



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