



0231t Octal Discriminator

Features & Specifications

This module is 8 independent Non-updating mode Discriminator Leading Edge type for Universal Physics experiments. This module accepts 8 Negative Polarity Signals. Provided Threshold Voltage Monitor in the front

Threshold (V_{th}) and Pulse Width independently can be adjustable by trimmer.

Input $50\ \Omega$, DC input

Threshold Range : -5mV to -0.9V

Protect to clamping by silicone diode.

Maximum rate 200MHz

Veto input $50\ \Omega$, Common to all channel.

Output

3 Out 1 Out

Width Controls : 5ns ~ 100ns

(Input – Output) Propagation Delay time : 8ns

VETO input and OR output provide.

This is designed AD96685BR comparator.

Packaging NIM #1 with LEMO 00 connectors.

Power requirements : +6V 70mA, -6V 1.9A -12V 30mA

Weight 1.3 kg.

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