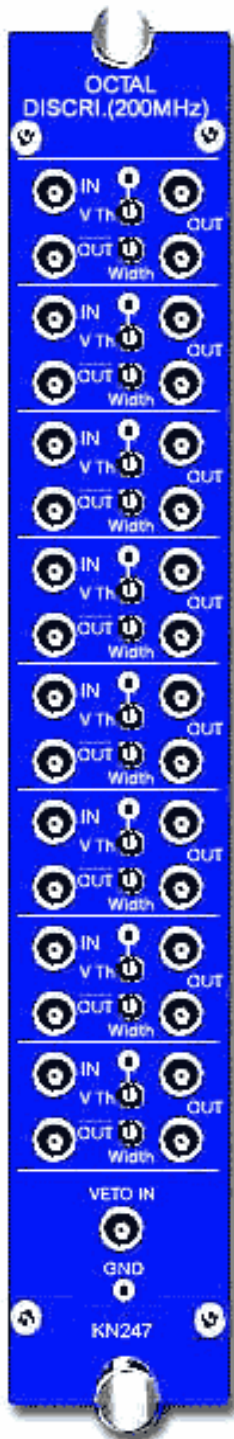


200MHz OCTAL DISCRIMINATOR



《ABSTRACT》

- ◆ This module is a high speed discriminator that maximum frequency is 200MHz.
- ◆ The operation mode is the `Non-updating`.
- ◆ This module has 8 channels that each channel has one input and three outputs (but 1 channel is invert output) in 1 channel.
- ◆ In each channel it can set the threshold level of input signal and the pulse width of output signal on front panel.
- ◆ Input and output signal is based on NIM standard of AEC. (Atomic Energy Commission US)

《Specifications》

Input characteristics ;

- ◇ Number of input: 1 × 8ch
- ◇ Impedance: 50 Ω
- ◇ Threshold level: -10mV ~ -1V (settable on front panel) with terminal for check
- ◇ Minimum input pulse width: 2nS
- ◇ Maximum frequency: 200MHz
- ◇ Input protection voltage: +0.7V, -1.4V
- ◇ VETO input: It inhibits the output of all channels by FAST NIM signal.
- ◇ BIN GATE input (rear panel): VETO operation by TTL low level signal. (with OFF switch)

Output characteristics

- ◇ Number of output: 2/ch (OUT), 1/ch (-OUT)
- ◇ Output signal: FAST NIM
- ◇ Output pulse width about 3nS ~ 55nS (settable on front panel)

- ◆ Input and output connector : Standard LEMO connector.
- ◆ Packaging : NIM standard single-width module.
- ◆ Consumption current -6V: 60mA
+6V: 1.4A

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