



0713t

Leading edge

16 Discriminator

Features & Specifications

This module is 16 independent Non-updating Discriminator (Leading edge type) for Physic experiment.

The module accepts negative polarity signals and provided 2 OR out in the front and ECL out, VETO input in the rear.

16 input negative polarity DC input 50 Ω

Width controls is in common.

Threshold Level -5mV ~ -900mV

Minimum pulse width 5nsec

VETO input common to all channel

Output 1 NIM out, 1 ECL out.

Pulse width 7nsec ~ 100nsec

Maximum rate <100MHz

Propagation (input-output) delay time 10nsec

Threshold monitoring can accept all channels.

Input protected by diode clamping.

This is designed with AD96685BR comparator.

Numbering Adjust to ECL out.(0-15)

Packaging NIM #1 with LEMO 00 connectors & 34 pin header.

Power requirement **-6V 2.5A**, +6V 140mA, -12V 10mA

Weight 2.0kgs

