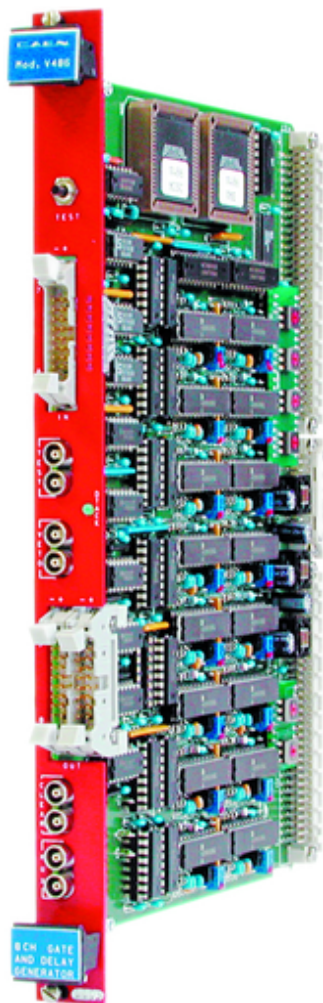
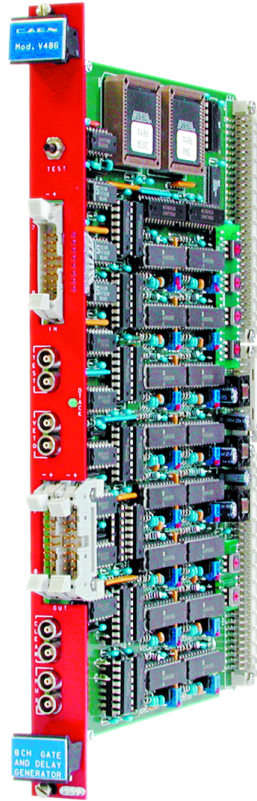


V486

8 Channel Gate and Delay Generator



Features



- Independent programmable Gate and Delay generators
- Delay and Gate width programmable via VME or each channel
- 500 ns full-scale value of Gate width and Delay.
- ECL I/O signals
- TEST, VETO and CLEAR inputs
- To be used only with V430 Backplane

Description

The **Mod. V486** houses, in a 1-unit wide VME 6U unit, 8 programmable **Gate and Delay generators**. Both the input-output delay and the output pulse width can be independently programmed with 8 bit resolution. The programmable range for both gate and delay is 500 ns. The unit has a minimum programmable delay value that is 22 ns + 13% of the full scale.

All the input and output signals are ECL standard. The output pulses have a fan out of two. The unit can be tested both locally, via the front panel pushbutton, and remotely via a NIM input on the front panel. One of the channels can be selected via VME and fed to the MUX output.

A NIM level VETO signal can be used to disable the outputs.

The unit has a standard A32/A24, D16 VME interface and its VME base address can be set through 6 rotary switches housed in the module.

Technical Specifications

Packaging

1-unit wide VME 6U module

Inputs

- IN 0..7: Differential ECL signals, 110 Ohm impedance, min. FWHM 3 ns
- TEST, CLEAR: NIM signals, high impedance, min. FWHM 5 ns
- VETO: NIM signals, high impedance

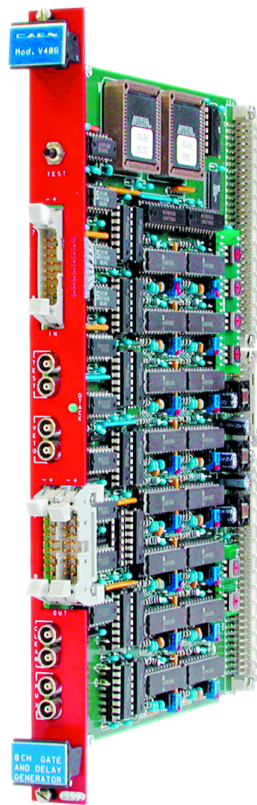
Outputs

- OUT 0..7: Differential ECL signals on 110 Ohm impedance
- MUX: NIM signals on 50 Ohm impedance

Min. I/O delay

22 ns + 13% of full scale

Gallery



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