

Various Useful Modules

Quad TTL-to-NIM Converter (FEA_NIM_OUT)

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1 General Remarks

The module is 23 x 21 mm (900 x 800 mil) mezzanine board.

Power consumption: ~ ? A @ 5 V.

The module contains four TTL to NIM converters. VEE (-5 Volts) has to be supplied externally.

2 Logical Data

The symbol to be used on schematic drawings in the DESY-FE Mentor System is:

FEA_NIM_OUT' (DIGITAL LIB / MISC IC LIB)

The module uses the following pinning:

PIN	SIGNAL
1	GND
2	NIM OUT 1
3	NIM OUT 2
4	NIM OUT 3
5	NIM OUT 4
6	VEE
7	VCC
8	TTL IN 4
9	TTL IN 3
10	TTL IN 2
11	TTL IN 1
12	GND

3 Mechanical Data

The symbol to be used on the PCB in the DESY-FE Mentor System is:

'**fea_nim_out**' (\$DESY_GEOM / std_geom).

