



The LC108 is a fast 16 channel NIM-to-ECL converter

DATA

IN1 to IN16	Lemo connector, NIM input, input impedance 50 Ohm, "0" = 0V, "1" = - 0,7V
ECL OUT	34-pin Flatcable connector, differential ECL output pins 1 + 2 = OUT1 pins 3 + 4 = OUT2 . . . pins 31 + 32 = OUT16 pins 33 + 34 = ground or not connected (internal) left hand pins: high true signals, nom. - 0,9V right hand pins: low true signals. nom. - 1,7V drives 100 Ohm differential
Switching times	$t_r = t_f$ ca. 300 ps
Delay	IN - OUT ca. 1.8 ns
Range of Frequency	max. 1200 MHz
Temperature range	0 - 50 °C
Dimensions	single width NIM module
Power requirements	+ 6V 150mA - 6V 1000mA