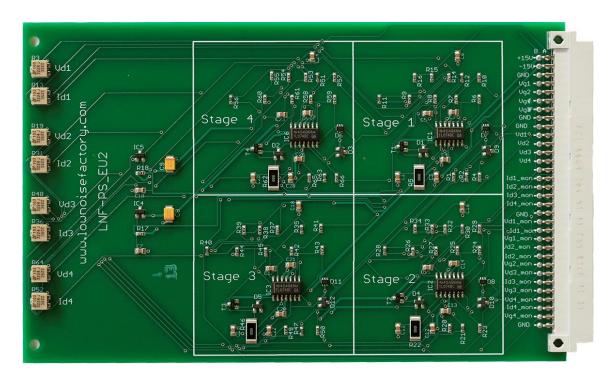


LNF-PS_EU2 FET constant current power supply

Rev: Nov, 2014



LNF-PS_EU2 is a constant current power supply designed for LNF's Low Noise Amplifiers. It is capable of powering up to four amplifiers simultaneously. The drain voltages are regulated and adjustable within a wide range, and the gate voltages are automatically and continuously adjusted to give a set drain current. The power supply is delivered on a standard 160*100 mm EuroCard with a DIN 41612 64 pin connector. Drain voltage and current are set by trim potentiometers on the side of the board.

The user has to supply +/-15V to the board through the DIN connector.

Specifications

Parameter	Min	Тур	Max
V_{d}	0.0 V		2.0 V
ld	0.0 mA		50 mA
Vg	≈ -14 V		≈14 V
Ig	-5 mA		+5 mA
Idmon response		0.1V/mA	