

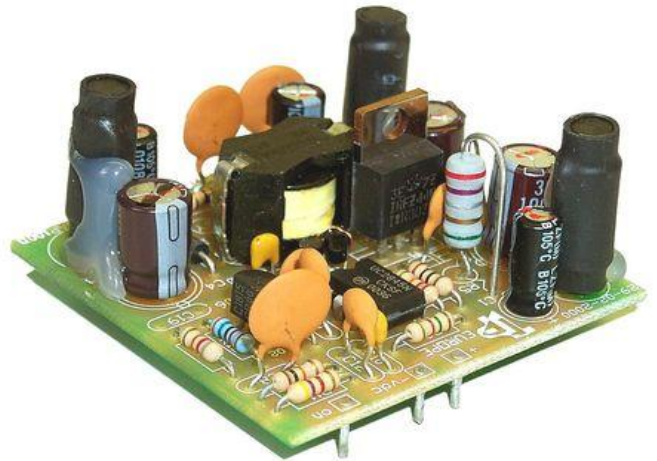


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Switched mode power supply

TP83A

4W DC-DC Power Supply used in a professional wireless headphone FM-transmitter. The PSU generates a positive and negative output voltage.



Overview TP83A

- 4W power supply
- Flyback converter topology
- Capable of handling a temporary overvoltage up to 200% of the nominal input voltage
- I/O for remote on/off functionality
- Custom Made

Application

- Professional wireless headphone FM-transmitter

Detailed specifications

Input

- Input voltage range: 10 - 18 Vdc
- Input peak voltage: 35 Vdc (0.5 sec.)
- Leakage current: 1 mA RMS max
- Efficiency: > 75 %

Output

- Dual output voltages: +8,2 Vdc
-8,2 Vdc
- Nominal output power: 4W

Protections

- Overload / Short circuit protection
- Automatic recovery functionality

Cooling

- Free air convection

Mechanical construction

- Open frame

Connection

- Input/output 6 pre mounted pins

Dimensions & weight

- Size (L x W X H): 50 x 50 x 30 mm
2 x 2 x 1,8 inch
- Weight: 40 g