

Input/Output Connectors

Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder

Pin Assignments:

- Analog +12V
- Isolated GND
- Analog -12V
- Fan +24V
- Common GND
- Digital +5V
- Common GND

PSU Module Nominal Current Usage: 65mA

PSU Current Requirements:

Label	Description	Current
A)	Analog +/-12V	30mA
B)	Digital +5V	100mA
C)	+24V Fans	80mA (320mA)

A) Analog PSU

B) Microcontroller PSU

The diagram shows a voltage regulator circuit. A +24V input is connected to the VI (pin 1) of the LM7805_T0220 regulator (U5). A 220nF capacitor (C6) is connected between the VI pin and ground. The GND (pin 2) of the regulator is connected to a common ground point. The V0 (pin 3) of the regulator is connected to the +5V output. A 100nF capacitor (C10) is connected between the +5V output and the common ground. The common ground is labeled GNDS.

