

# POWERv1.0 Datasheet

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The POWERv1.0 is based on standard LM1085 regulators. Please see the LM1085 datasheet for further specifications and features.

Most development environments need either a 3.3V or 5V. This board provides both.

## Features:

- 5.0-25V input voltage
- 3.3V and 5V output voltage
- Wire or header pin input

## Specification:

### Power

- Supply voltage range: 5.0 to 25V

### Physical

- 26mm x 42mm (1.02" x 1.65")

### Operating Temperature

- -40°C to +85°C

## Pin Assignment:

Pin	Function	Optional/Required	Voltage	I/O
GND	Ground connection	Required (or -)	0	I
GND	Ground connection	Optional	0	I
5V	5V output	Optional	5V	O
5V	5V output	Optional	5V	O
3V3	3.3V output	Optional	3.3V	O
3V3	3.3V output	Optional	3.3V	O
VIN	VIN positive supply	Required (or +)	5-25V	I
+	Positive wire connector	Required (or VIN)	5-25V	I
-	Negative wire connector	Required (or GND)	0	I