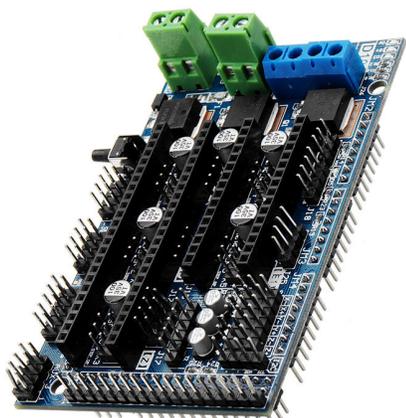# Ramps 1.6 Controller Board

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SKU: 3DWN6JOMEGD38

Price: 145.45 DH (HT)

Stock: instock

Categories: Spare Parts

Product Description

RAMPS 1.6 is optimized and launched based on Ramps 1.4 & Ramps 1.5. The Struture almost same as Ramps 1.5 , the difference is Ramps 1.6 have new 2pin connectors,which more simple and convenient to connect,also will not be burnt easily,what's more ,Ramps 1.6 have a good Heatsink above MOS tube in order to give a better function to heat dissipation . Beside, the Power of Ramps 1.6 is more larger than Ramps 1.5, the largest power will be up to or 270W , and Ramps 1.5 just can be up to 200W, or samller than 200W. **Features:**

1.Ramps 1.6 is a 4-layer board

2. It can be extended to LCD and other parts.

3. There are heater and fan MOSFET outputs and 3 thermistor interfaces

4. 5A additional security and component protection fusion

5. Heated bed controls additional 11A fuses

6. Applied to 5 Pololu stepper drive board

7. Design of Pololu plate pin socket can be easily replaced or removed for future design

8. I2C and SPI pins are available for future expansion

9. Servo connectors are used for connecting limit stops, motors and light-emitting diodes. These connectors are gold-plated and have a rated current of 3A, which is very compact.

10.The LED will light when the heater has output, choose 2 motors to connect to Z Prusa Mendel

Specifications: Size: 101.5 * 60.5mm Support motor drivers: support A4988 DRV8825 and other motor drivers(support five motor drivers Simultaneously) Input voltage: 12V Power: 200W Patch MOS tube: B55NF06

Note:

1.If you plug in TMC2100 driver, please don't need to insert short-circuit cap under the driver.

2.Whatever ramps 1.5 or ramps 1.6, compared to all drivers, tmc2130 is the most quiet.

Package Included: 1x Ramps 1.6 Control Board 1x Heatsink Some Jumper caps