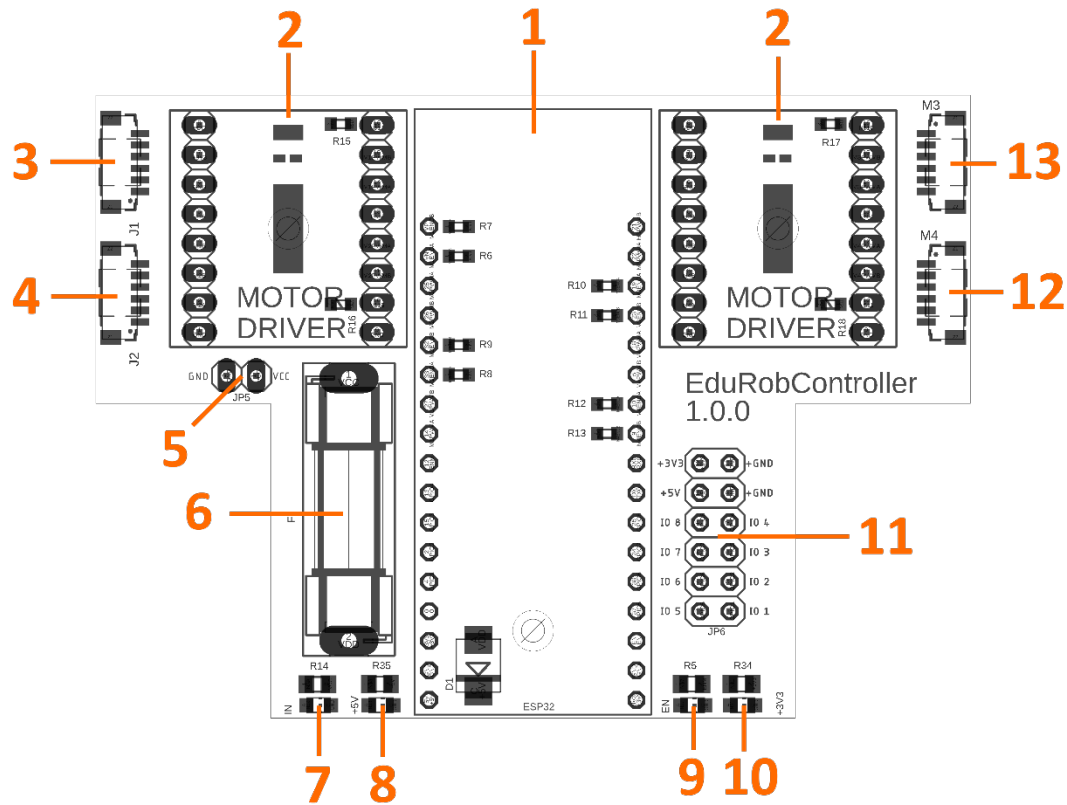


Features

- Espressif ESP32 Microcontroller
 - Dual core, 240Mhz, 32bit
- Connectivity
 - Wifi (2.4Ghz, 802.11b/g/n)
 - Bluetooth 4.2
 - USB UART (3Mbaud)
 - I²C Fast mode (400 Kbit/s, 3.3V)
- Input/Output
 - 4 Motor PWM Outputs
 - 4 Encoder Inputs (3.3V)
 - 8 GPIOs (3.3V)
- Stackable Design
- Dimensions without wheels
 - 160mm x 240mm x 30mm
- Input Voltage Range
 - 5VDC Power Supply (USB Powerbank)
 - 3.3V Logic voltage level
- Software capabilities
 - ROS2 Interface (MicroROS)
 - Motor control
 - Velocity
 - Position
 - Supported Robot kinematics
 - Omnidirectional Mecanum
 - Omnidirectional Omniwheel
 - Differential



1	ESP32-PICO-KIT	8	USB Voltage Indicator
2	Dual DC Motordriver TB6612FNG (1A)	9	Motor Enable Indicator
3	Motor 3 connector	10	Logic Voltage Indicator
4	Motor 1 connector	11	GPIO Header
5	Supply Voltage Connector (max. 5VDC)	12	Motor 0 connector
6	5x20 Fuse (4A)	13	Motor 2 connector
7	Supply Voltage Indicator		

