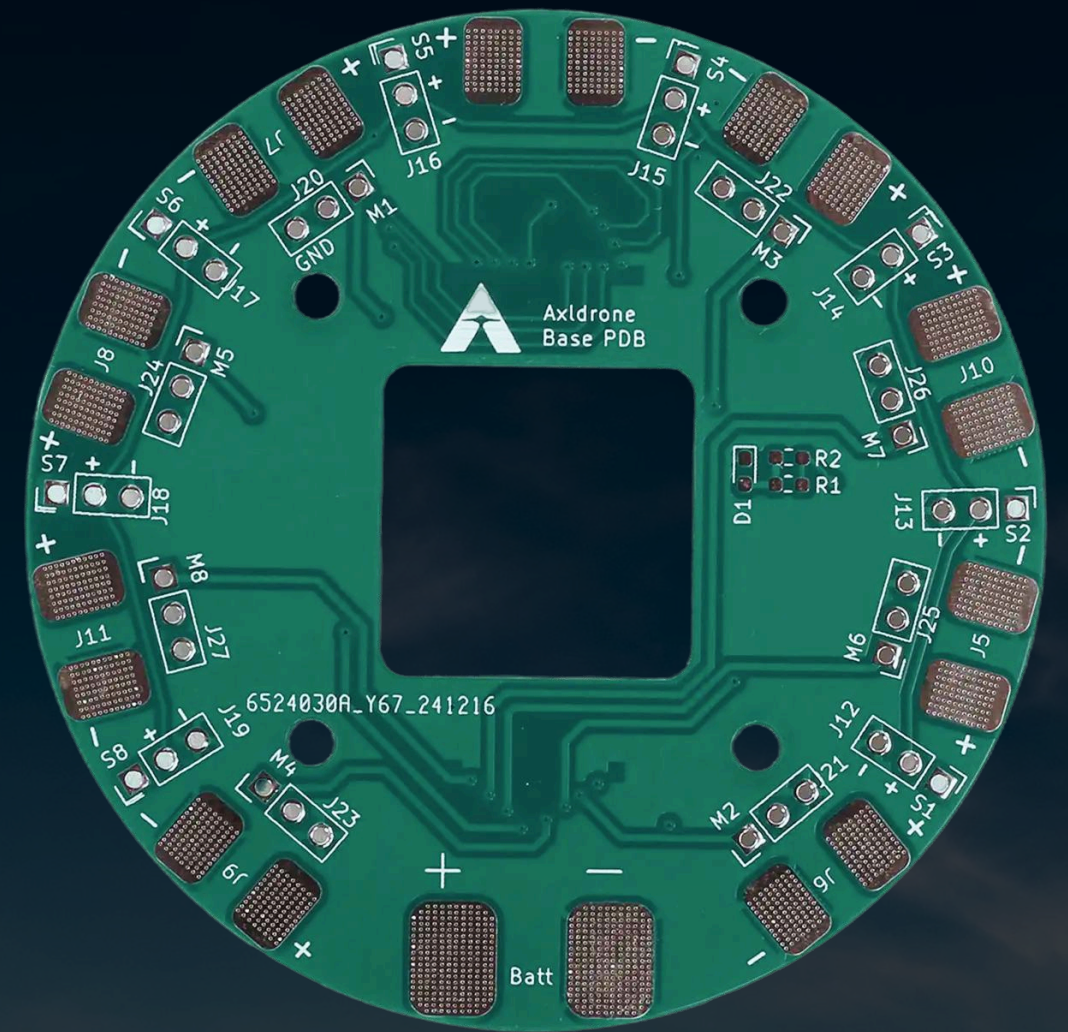
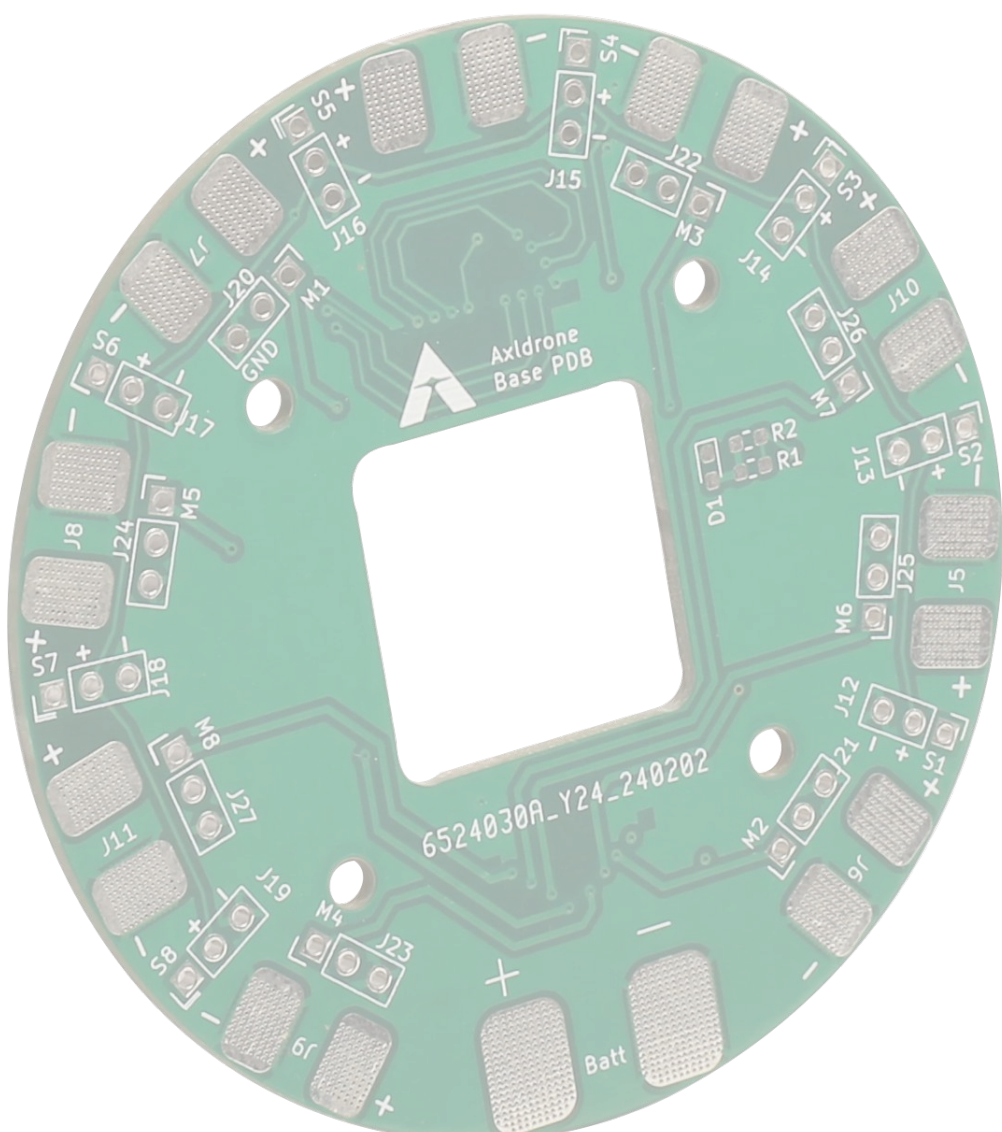


PDB 10

The PDB 10 is a compact, lightweight power distribution board designed to provide centralized power distribution and simplify wiring across multi-rotor UAVs, robotics, and embedded systems.

Features

- Handles up to 100A continuous current for reliable power distribution.
- Supports connection of up to 8 ESCs for flexible multi-rotor configurations.
- Provides dedicated FMU and I/O PWM connectors
- Features a compact, circular, and lightweight design for space-efficient installation.
- Supports input voltage up to 25.2V (6S)



Applications



Quadcopters



Hexacopters



Octocopters



Robotics



Embedded Systems

Capabilities

- Centralized power distribution across multiple ESCs and motors.
- Supports configurations ranging from quadcopters to octocopters.
- Simplifies power and signal wiring within the platform.
- Enables compact integration into weight- and space-sensitive systems.

Specifications

Board Dimensions	Ø70 × 6 mm (D × H)
Mounting Hole	M3
Weight	~17 g
PCB Material	Glass-fiber reinforced (FR-4)
Input Voltage	25.2V (6S)
Maximum Current Handling	100 A
Output Channels	8
Current per Output Pad	20A
Connector	FMU PWM Connector, I/O PWM Connector



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