PDB details

1. Compatible up to Octa copter configuration.
2. FMU PWM OUT.
3. I/O PWM OUT.
4. Can connect 1-8 ESC.
5. It can handle up to 100 Amps.
6. Circle shape with a 35 mm radius.
7. Weight: 17 gm.
8. Material: glass fiber

The 100A ESC Power Distribution Board For drones is a lightweight distribution board that will easily power your multi-rotor aircraft and configures up to Octa.

These boards are great for smaller multirotor builds. They're compact and lightweight and offer large solder pads – making them easy to work with. These boards can handle some serious current – up to 30A per output for a quadcopter build or drop that down to 15A each for an octocopter.

Designed for the demands of advanced aerial configurations, our Octocopter Power

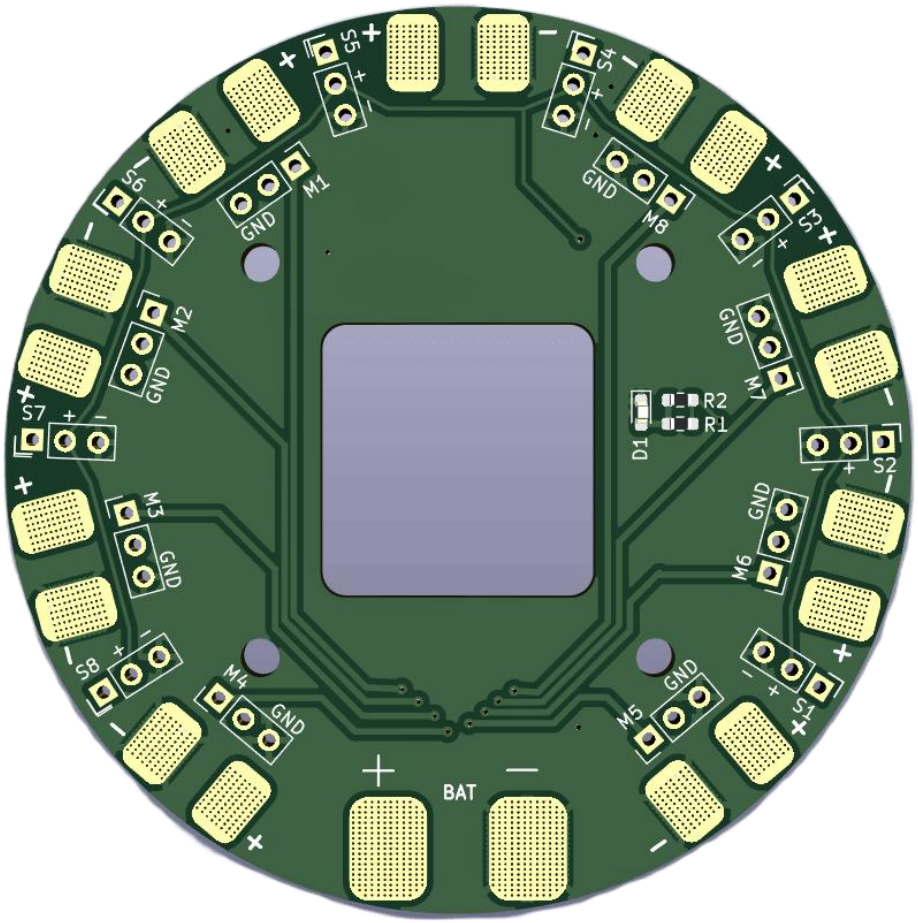
Distribution Board is a cutting-edge component that seamlessly integrates into Octocopter setups. Tailored for octocopter configurations, this power distribution board supports up to eight motors, providing versatility and stability for your aerial platform.

Featuring FMU PWM outputs, our board ensures precise and efficient control of your drone's motors through Flight Management Unit connectivity. Experience responsive and agile flight dynamics. In addition to FMU PWM outputs, our board offers flexible Input/Output PWM options. This allows for customization and adaptability in connecting various devices, expanding the possibilities for your drone's capabilities. With the capability to connect 1-8 Electronic Speed Controllers (ESCs), this board empowers you to individually manage each motor individually, optimizing performance and responsiveness in your octocopter setup. Engineered to handle up to 100 Amps, our power distribution board ensures robust power delivery, Embracing a sleek circular shape with a 35 mm radius, our board combines aerodynamics with a space-efficient design. This circle form factor ensures minimal drag and contributes to the overall agility of your octocopter. Crafted from high-quality glass fiber material, our power distribution board perfectly balances strength and weight. Weighing in at just 8 grams, it adds minimal load to your drone while ensuring durability for sustained performance.

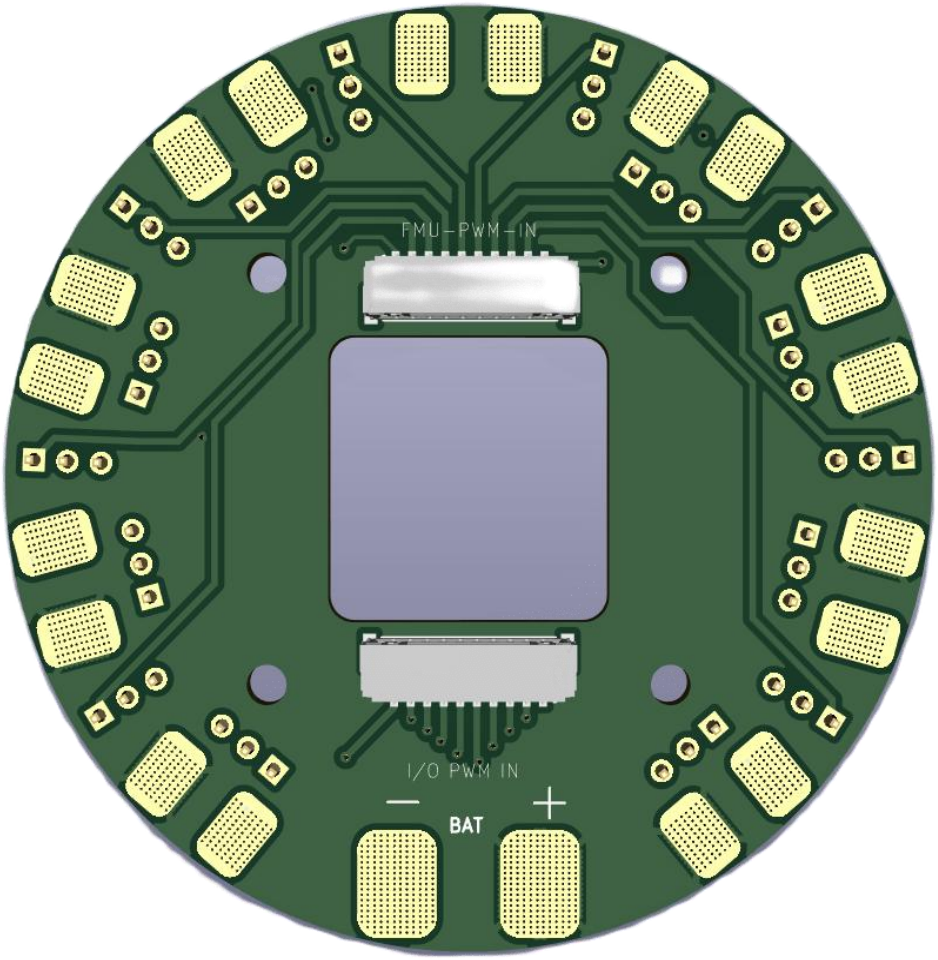
Sl No	Features	Description
1.	Support configuration	Up to Octa Copter
2.	Connector	FMU PWM and I/O PWM OUT connectors
3.	current	100A

4.	Material	Glass fiber
5.	Weight	17 gm
6.	Size	35 mm radius

TOP


S5
S4
S6
S3
M1
GND
M8
GND
M2
GND
M7
GND
S7
D1
R2
R1
S2
M3
GND
GND
M6
S8
M4
GND
M5
GND
S1
BAT

BOTTOM


FMU-PWM-IN
I/O PWM IN
—
+
BAT