Distribusjonskort for strøm



Produktkode: 282aa
Tilgjengelighet: 1
Weight: 20.00g
Custom Field 5 (Location): P25

Pris: kr. 55,00

Kort beskrivelse

CC3D NAZE32 F3 Power Distribution Board PDB W/ Filter BEC Output 5V 12V 3A RC LN

Beskrivelse

Features:
BEC output 5V12V3A band filter
Latest UBEC, LC Filter
Integrated filter circuit boards, more stable,make FPV further and clearer
Compatible with CC3D/Naze32/F3 flight controller

Specifications:
Item Name: PCB with Filter BEC
BEC Output: 5V 12V
Input Voltage: 2-6S
MAX.: 3A
Size: 36 x 36 x 7mm/1.4 x 1.4 x 0.3 inch
Net Weight: 6g

Package Included:
1 x PDB
(Retail Package is NOT included)

Product Feature

- Integrated Power Distribution: Streamline your drone build with this PDB featuring 5V and 12V BEC outputs, simplifying power management for all your components. Ideal for CC3D, Naze32, and F3 flight controllers.
- Clean Power Delivery: Built-in LC filter ensures clean and stable power for your sensitive electronics, reducing noise and interference for optimal flight performance and reliable FPV video.
- Integrated OSD Functionality: On-Screen Display (OSD) provides real-time flight data directly on your FPV feed, allowing you to monitor voltage, current, and other crucial telemetry information effortlessly.
- Wide Compatibility: Designed for compatibility with popular flight controllers like CC3D, Naze32, and F3, this PDB offers a versatile solution for various drone builds and configurations. Easy to solder and integrate.
- Compact & Lightweight Design: Minimizes weight and maximizes space efficiency with its compact design, ensuring it won't weigh down your drone or compromise its agility. Perfect for performance builds.

Specification

- For Vehicle Type:

  Airplanes

- Color:

  Black

- RC Parts & Accs:

  Connectors/Wiring

- Material:

  Composite Material

- Tool Supplies:

  Assembled class

- Upgrade Parts/Accessories:

  Frame

- Four-wheel Drive Attributes:

  Motors

- Remote Control Peripherals/Devices:

  ESC

- Origin:

  Mainland China

- Use:

  Vehicles & Remote Control Toys

- Wheelbase:

  Upper Shell

- Quantity:

  1 pcs

- Model Number:

  PDB BEC

- Recommend Age:

  12+y,18+

- Certification:

  CE,RoHS

- Technical parameters:

  Value 10

- Item Code:

934807458

- Category:

  Parts & Accessories

Buy Now

New Arrival cc3d

- ## Description

- Upgrade your drone's power and control system with our Flight Controller Power Distribution Board (PDB), designed for seamless integration with CC3D, Naze32, and F3 flight controllers. This all-in-one solution combines a PDB, BEC, LC Filter, and OSD into a single, compact unit, simplifying your build and improving performance. **Buy now and experience the difference!**

- **Key Features:**

  - **5V/12V BEC Output:** Provides stable and reliable power for your flight controller, receiver, and other peripherals.

  - **Integrated LC Filter:** Cleans up noisy power signals, ensuring crisp and clear FPV video.

  - **On-Screen Display (OSD):** Displays crucial flight data like voltage, current, and flight time directly on your FPV feed.

  - **Wide Compatibility:** Works with CC3D, Naze32, and F3 flight controllers.

  - **Compact Design:** Lightweight and space-saving, ideal for any drone build.

- **Benefits:**

  - **Simplified Wiring:** Reduces clutter and simplifies your build process.

    - **Improved Performance:** Clean power and real-time data enhance flight stability and control.
    - **Easy Installation:** Solder pads are clearly labeled for easy and error-free connection.
- **Multi-Scenario Usage:**
    - **FPV Racing:** Monitor battery voltage and flight time to optimize your race strategy.
    - **Freestyle Flying:** Get real-time feedback on your drone's performance.
    - **Long-Range Flights:** Keep track of your drone's power consumption and distance.
- **Usage Instructions:**
    - Solder the PDB to your battery connector and ESCs.
    - Connect the flight controller and other peripherals to the PDB's power outputs.
    - Configure the OSD through your flight controller's software.
- **Product Value:** Our Flight Controller PDB offers exceptional value by combining multiple essential components into one convenient and reliable unit. Save time, space, and money with this versatile solution. Grab this **hot sale** item now!
- **After-Sales Support:** We offer comprehensive after-sales support, including detailed documentation, troubleshooting guides, and responsive customer service. Your satisfaction is our top priority.
- **Customer Testimonials:**
    - "This PDB made my drone build so much easier! The integrated OSD is a game-changer." - John D.
    - "The LC filter really cleans up the video signal. I'm getting much clearer FPV footage now." - Sarah M.

- **FAQ / User Experience Sharing:**
- **Q: Will this PDB work with my Naze32 flight controller?**

  A: Absolutely! This PDB is specifically designed to be compatible with Naze32, CC3D, and F3 flight controllers. It's a perfect match for a seamless integration!

- **Q: I'm new to drone building. Is this PDB easy to install?**

  A: Yes, it is! We've designed it with clearly labeled solder pads and a simple layout. Plus, we provide detailed instructions to guide you through the process. You got this!

- **Q: What does the LC filter do?**

  A: The LC filter is designed to reduce electrical noise from your motors and ESCs, which can interfere with your FPV video signal. By filtering out this noise, you'll get a much clearer and more stable video feed.

- **Q: What voltage does the BEC output?**

  A: The BEC on this PDB provides both 5V and 12V outputs. The 5V output is typically used for powering the flight controller and receiver, while the 12V output can be used for powering FPV cameras and video transmitters.

- **Q: How do I configure the OSD?**

  A: The OSD is configured through your flight controller's software, such as Betaflight or Cleanflight. Simply connect your flight controller to your computer and use the software to customize the OSD layout and data.

This Flight Controller PDB with integrated BEC and OSD is the ultimate solution for simplifying your drone build and enhancing your flight experience. Get yours today and take your drone to the next level! **Limited-time offer - Order now!**

CC3D Naze32 F3 Flight Control Distribution Board PDB With 5V-12V 3A BEC Output/Filter Integrated OSD For Remote Control Drone

Reminder: Type B 5v 12v integrated OSD

You need to flash the osd firmware on the buyer`s official website before you can use it! ! !

Type A: The foreign solution PDB+UBEC board integrates a filter circuit, which is more integrated, more stable and more convenient to debug, and the power supply is purer. Without clutter, the image transmission is farther and clearer!

Type B: The foreign solution PDB+OSD+UBEC integrates the filter circuit on the board, which is more highly integrated, more stable and more convenient to debug, and the power supply is purer. Without clutter, the image transmission is farther and clearer! More integrated OSD to support CC3D APM NAZE SP3... Type B is currently accepting wholesale orders!

Five-function integration: power distribution board, dual BEC, LC filter, OSD, automatic disconnection of OSD and FC;

Input voltage supports 2-6S;

When inputting 2S 3S, the 12V output voltage can be selected as the battery voltage through the solder joint;

The voltage of the camera and video transmission, you can choose 5V 12V through the solder joints;

2oz copper foil 4-layer PCB to ensure the passage of large current;

The battery ESC pads are arranged in pairs for easy wire bonding;

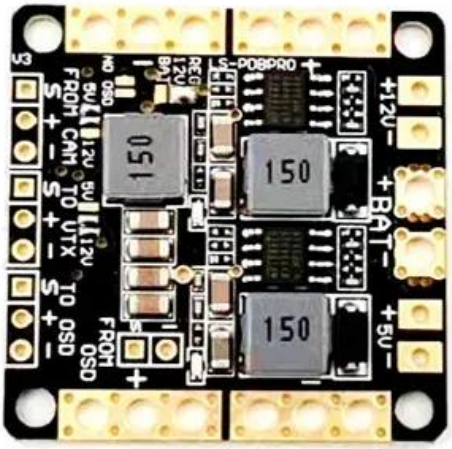
Dual BEC, DC-DC synchronous rectification 5V voltage regulator (3A), DC-DC synchronous rectification 5V voltage regulator (3A);

5V 12VBEC with LC filter;

With OSD function, support KVteam MWOSD and other firmware, with FTDI;

The connection between OSD and PC will automatically disconnect TX RX from the flight controller;

36*46mm, the installation hole distance is 30.5mm (same as Naze32, CC3D, SP3 and other 36*36 size flight control installation holes); with LED indicator.


S3
FROM CAM
TO VTX
TO OSD
FROM OSD
S-POSPRO
+12V-
+BAT-
+5V-
150
150
150

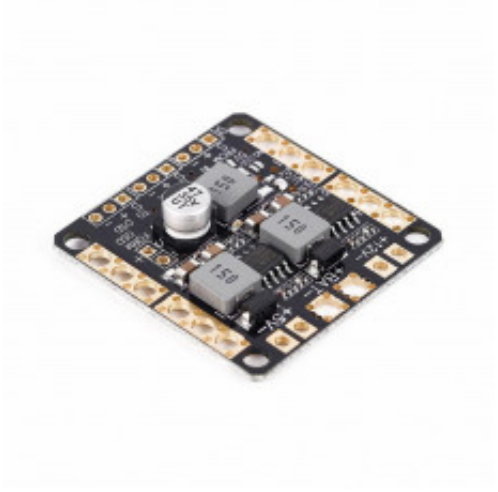
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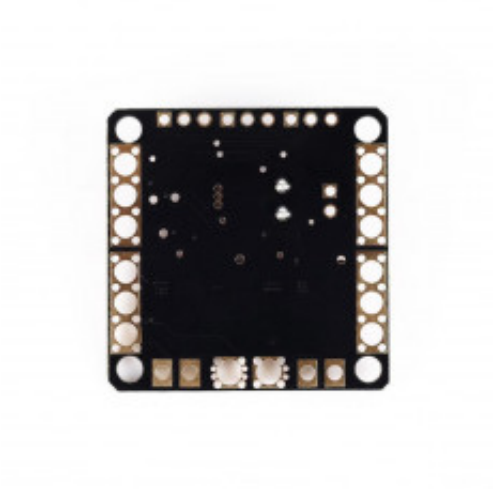
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https://youtu.be/YXNAk8fbL7Y?si=MWwqN3V1FFUYljbq

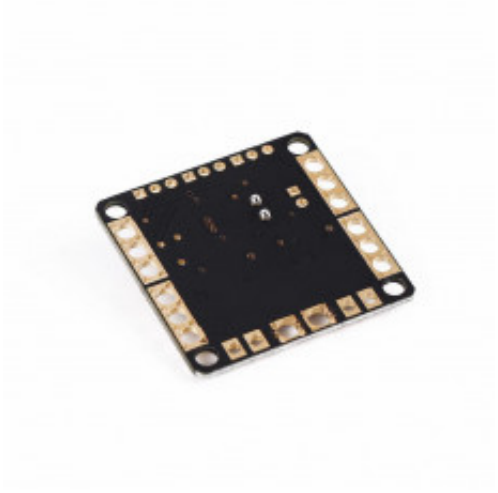
Produktgalleri

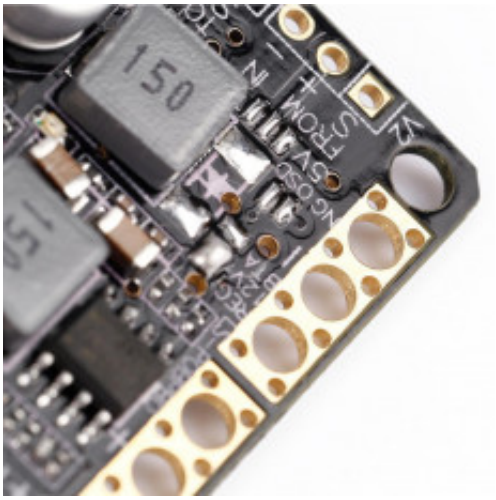


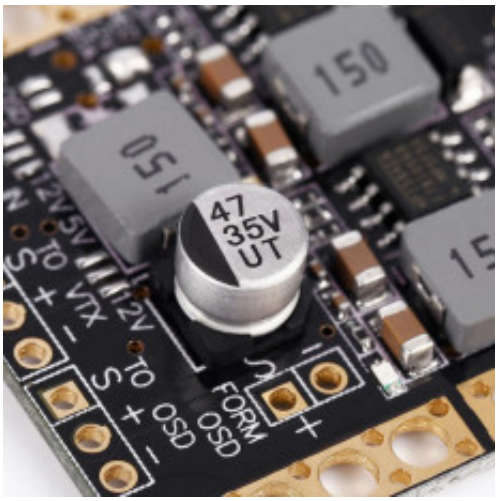


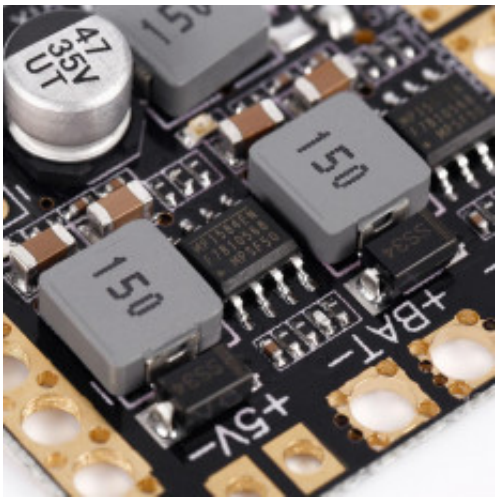


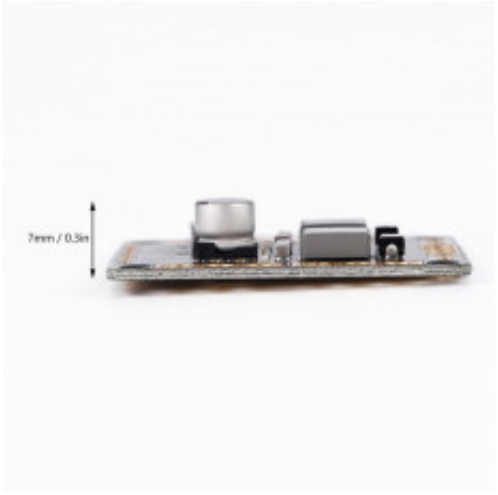







150
150
47
35V
UT
12V
5V
VTX
TO
OSD
FORM
OSD


47
35V
UT
150
150
+BAT-
+5V-


7mm / 0.3in


+12V-
+BAT-
+5V-
150
150
150
38mm / 1.4in
36mm / 1.4in