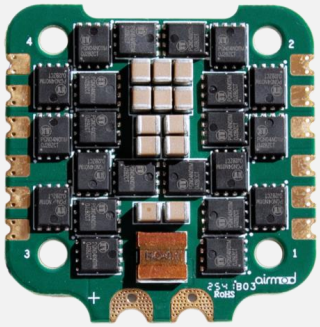
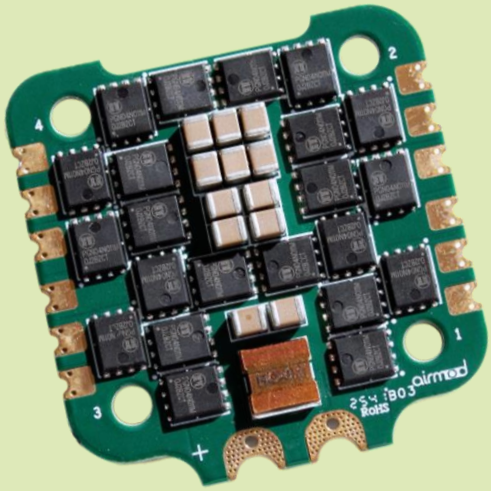


ELECTRONIC SPEED CONTROLLER

AIRDRONE ESC-EFM8-55A

Designed & Manufactured in France

- **55A continuous power**
- **Compatible with 3S-6S LiPo**
- **9V (3A) and 5V (3A) individuals BECs**
- **Hardware surge protection**
- **4-Motor optimized stack**

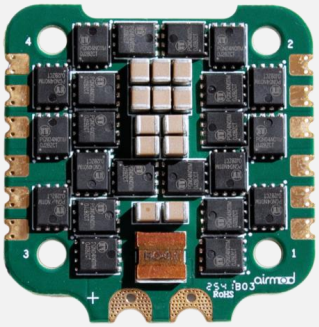


The 4 in 1 Airmod Electronic Speed Controller ESC-EFM8-55A is a reliable, **designed and manufactured in France** motor control solution combining high current capability, integrated protection features, and a robust hardware design.

Made for demanding UAV applications, it delivers stable power distribution, precise motor control, and **high tolerance to repeated motor wiring and soldering** operations during assembly and maintenance.

Accessories available upon request.

S930003 V1.5



ELECTRONIC SPEED CONTROLLER

AIRDRONE ESC-EFM8-55A

Designed & Manufactured in France

CORE HARDWARE

- **MCU :** EFM8BB2 family
- **ESC Firmware :** Bluejay J-H-40

MECHANICAL CHARACTERISTICS

- **Mounting Pattern:** 30.5×30.5 mm (M4)
- **Dimensions:** 45.6 × 44 × 8 mm
- **Weight:** 23.5 g

POWER & PERFORMANCE

- **Continuous Current :** 55 A × 4
- **Burst Current :** 70 A (10 s)
- **Input Voltage :** 3S–6S LiPo
- **Power Output :** VBAT

PROTECTION & POWER INTEGRITY

- **TVS Protective Diode :** Yes
- **External capacitor :** 1000uF low-ESR capacitor

PROTOCOLS & MONITORING

- **ESC Protocols:** DSHOT300 / DSHOT600
- **VBAT Current Sensor:** Supported (Scale = 110, Offset = 0)
- **ESC Telemetry:** Not supported

CONFIGURATION

- **PC Configuration :** https://esc-configurator.com/

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