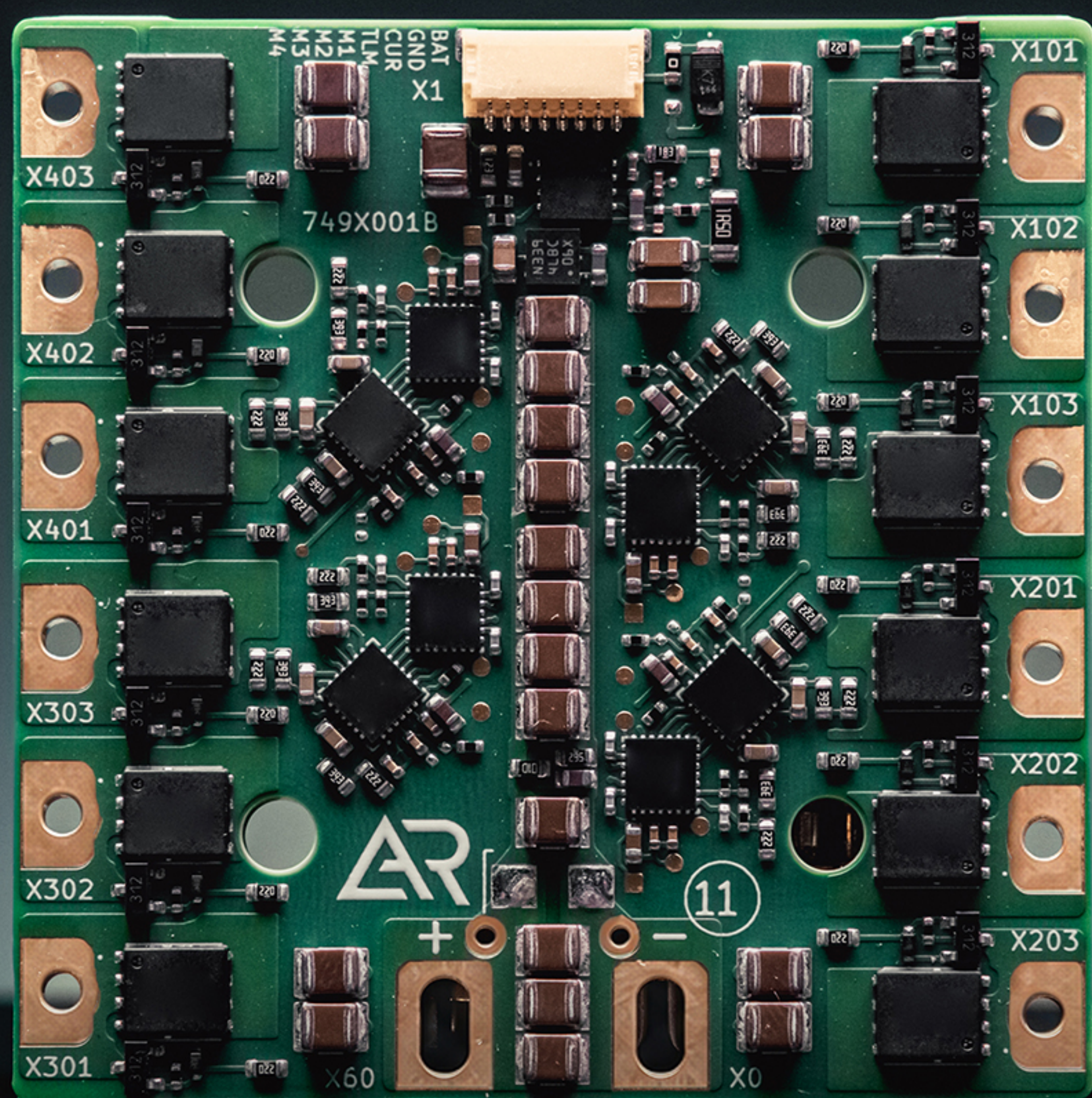




UNFAIR PERFORMANCE BY DESIGN



ELECTRONIC SPEED CONTROLLER

AR47ESC

Four-in-one 12S ESC designed and manufactured in Finland with components from non-China COG. Tailored for demanding applications and offering high capacity throughput with minimal compromises. Reach out and select the next generation of Electronic Speed Controller coming from the North for Your platform.

ELECTRICAL

Continuous current	60 A minimum per channel
Burst current	90 A minimum per channel (10 s)
Input voltage	6 – 12 S LiPo
Power leads	6 AWG oval holes
Motor leads	12 AWG circular holes
PCB layers	10

FIRMWARE & PROTOCOLS

Firmware	AM32-compatible
Protocols	Bidirectional DShot 300 / 600, Servo PWM
Telemetry	Bidirectional DShot & KISS

PROTECTION

Current limiter | Overcurrent protection | Drain-source voltage monitoring | Cross-conduction prevention
Temperature protection | Low voltage cutoff | Stuck rotor protection | Stall protection | Rotor lock detection
Signal loss timeout

MECHANICAL & THERMAL

Operating temperature	-30-85 °C
Weight	51 g
Board size	60 × 60 mm
Mounting pattern	30.5 × 30.5 mm / M4 holes
Cooling	Passive / heat sink

CONNECTORS & INTERFACES

Signal input	JST-SH 1.0 mm 8-pin
Current sense output	Analog / digital telemetry
Capacitor	Single 7.5 mm pitch, external near power leads