Tercel_A324S40A

User Manual V1.0



Specifications

Operating voltage: DC 7–20V (2–4S)

Continuous current: 40A

Maximum peak current: 50A

Firmware: BL32 / AM32 / Zhuohehang custom closed-source firmware

(contact customer service for your required firmware)

Controller: AT32F421

MOSFET: Yaoxinwei AKG40N011G

Current telemetry: supported

TVS surge protection: supported

BEC output: 5.4V / 7.4V, 5A

Protocols: Dshot150 / 300 / 600 / PWM

Product Description

Suitable for fixed-wing aircraft, model cars, model boats, water pumps and other applications. The product can be customized.

Expanded pad functions require custom firmware; contact customer service for details.

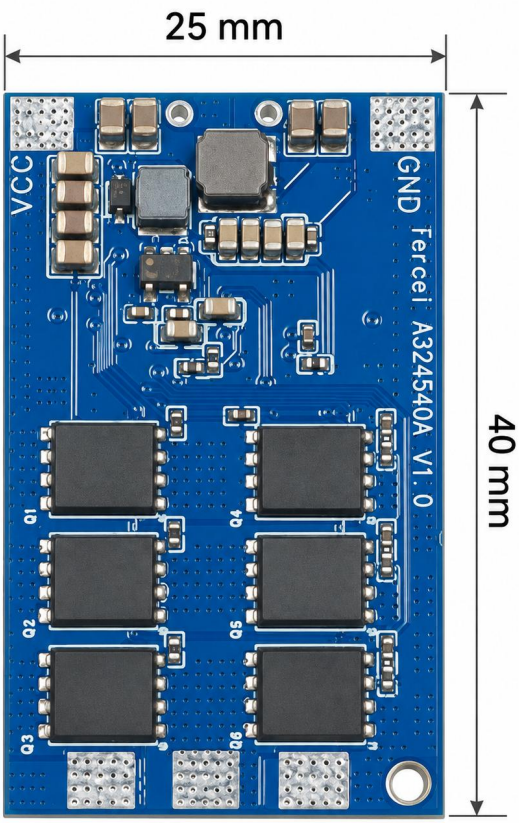
Package Contents

25V 470μF capacitor ×1; 14 AWG red wire ×1; 14 AWG black wire ×4; ESC 3-pin throttle cable ×1

Product Dimensions

Bare-board weight: 5.9g

Dimensions: 40mm × 25mm



Connections

S: Throttle signal input

+: BEC output

−: Signal GND

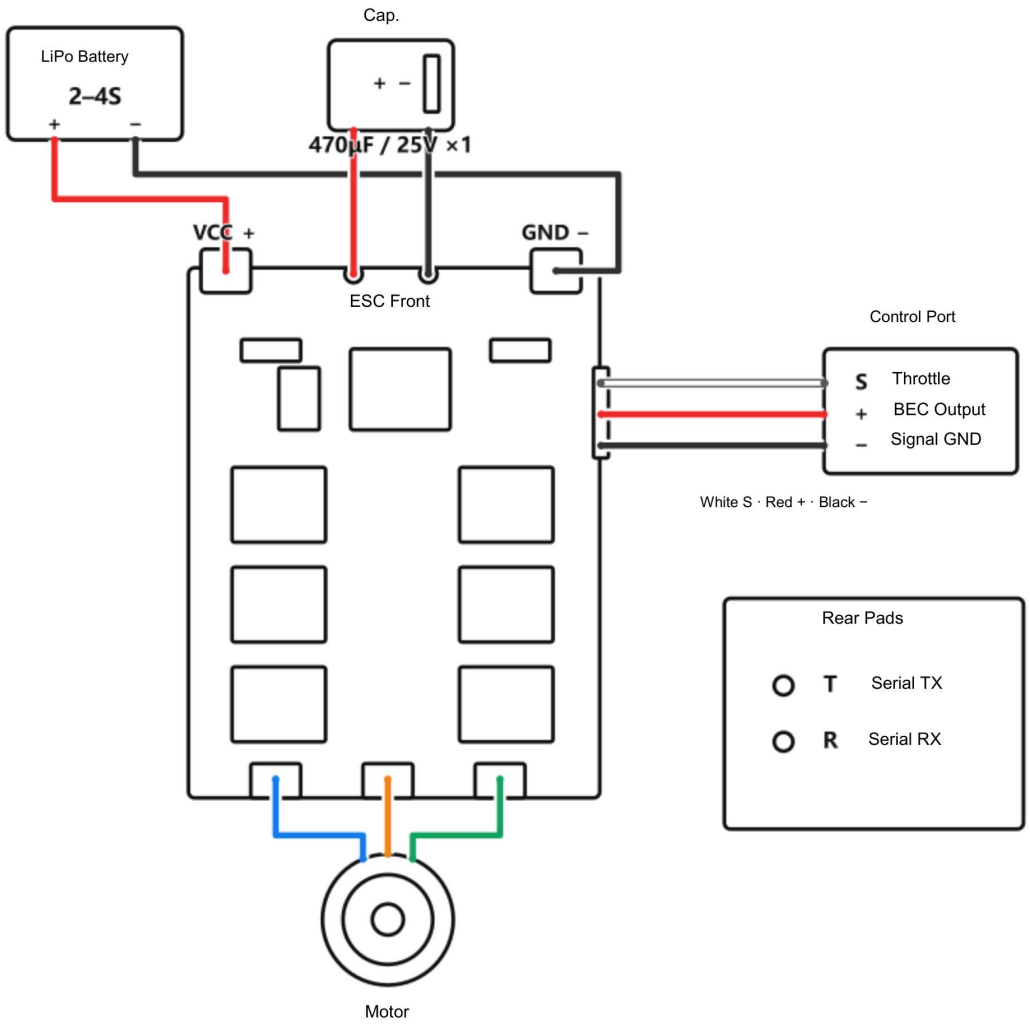
Breakout pad interface

T: Serial transmit

R: Serial receive

A: Analog signal input

Tercel_A324S40A Wiring Diagram



2–4S | 40A continuous / 50A peak | BEC 5.4V / 7.4V · 5A