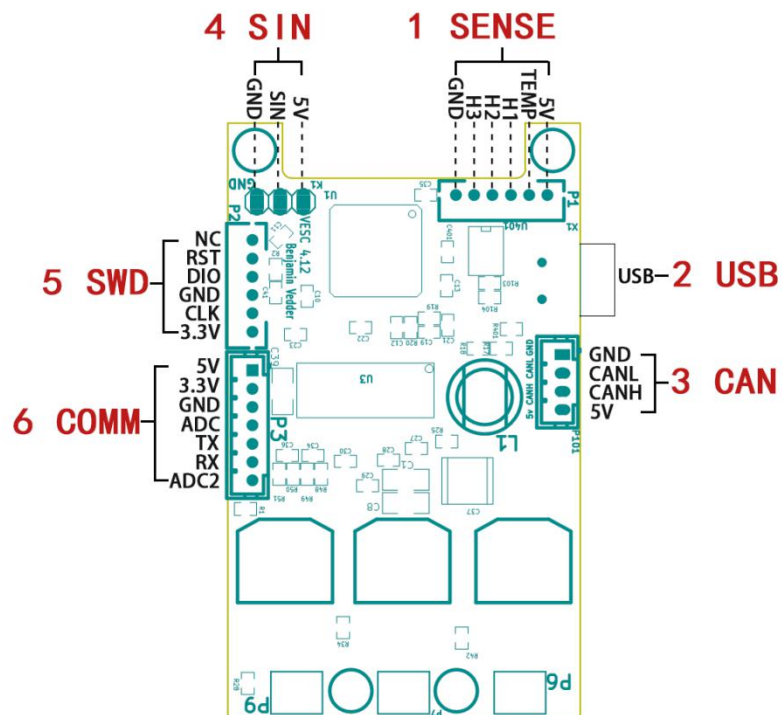
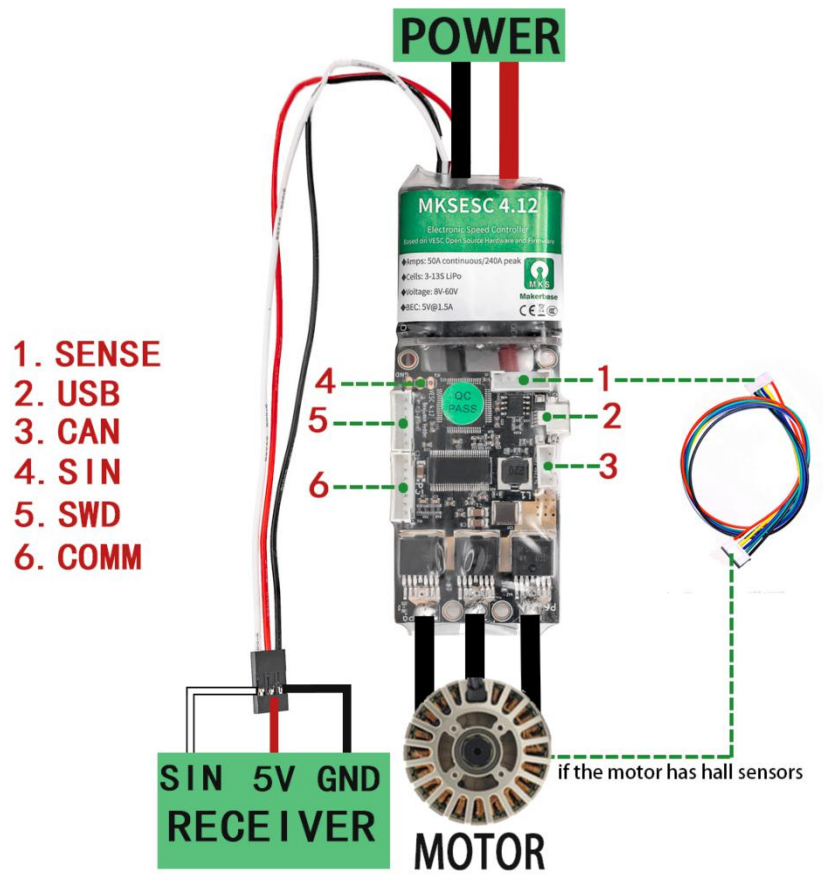


Wiring diagram



Manual

MKSESC 4.12 is electronic speed controller based on vesc open source hardware and firmware, which is perfectly compatible with VESC software. With the help of VESC tool, almost all professional projects can be set up in a few minutes.

Spec:

- Hardware: V4.12
- Firmware: BLDC_4_ChibiOS
- Voltage: 8V-60V(Safe for 3S to 13S LiPo)
- Current: Continuous 50A, Burst 240A
- BEC: 5V@1.5A
- BEC type: Internal driver support
- Timing: Software calibration
- Motor control interface: PPM signal (RC servo), analog, UART, I2C, USB or CAN -bus
- Control modes: DC, BLDC, FOC
- Cutoff Voltage: Programmable
- Frequency: PWM input
- Governor: No
- Programming card: No
- Reverse: Yes
- PCB size: 40mm * 60mm * 1.6mm
- Weight: 80g

Technical support:

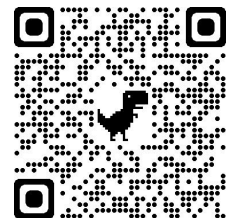
MKSESC step by step lessons in YouTube:

<https://www.youtube.com/playlist?list=PLc2RScfrSFECJst8vKtBXp192P-YP1ry5>



MKSESC repository in Github:

<https://github.com/makerbase-mks/VESC-MKS>



The shipping package contains:

- 1*MKSESC 4.12
- 1*MINI USB
- 1*MKSESC Sensor Wire