

# Mini-Mapper

## 3: Choosing a motor driver

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# What do we need?

- ▶ 2 channels?
- ▶ Supply voltage: 4.5V
- ▶ Output current: 250mA
- ▶ Control interface: forward, back, coast, brake
- ▶ PWM
- ▶ Protection?
- ▶ Current sensing
- ▶ Package

# Things I learned

- ▶ Dead time
- ▶ Current regulation
- ▶ 4.5V is right at the low end of things

<https://www.skybluetrades.net/projects>

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