48/60V DC

Digital Encoder

Analog Temperature

SPI interface to configure the device

PWM

nFault Enable

Buck Regulator

Built in Protection

Three Phase Gate Driver

Low Side Gate Drive Output

High Side Gate Drive Output

CSD 1953xQSB (x3 phases)

Current Sense

3x

Motor Connector

8V Encoder

6 pin Encoder Connector

THVD1450

TSSA23157

SFI Switch

Digital Encoder

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R15 defines the reference voltage:
For Vref = 1.65 choose R15 to 3.3k
For Vref = 1.5 choose R15 to 2.1k
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