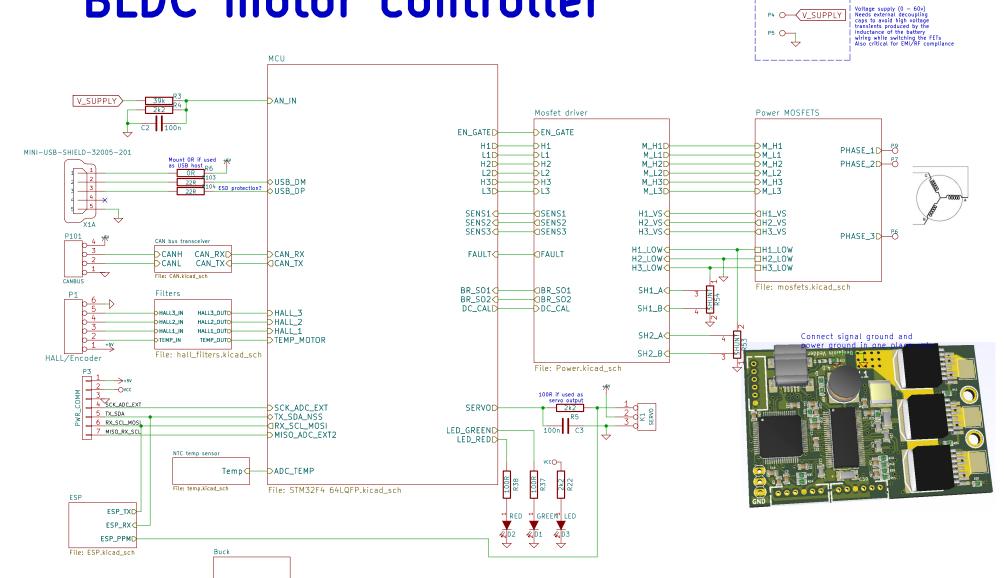
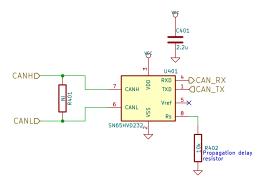
BLDC motor controller

File: buck.kicad_sch

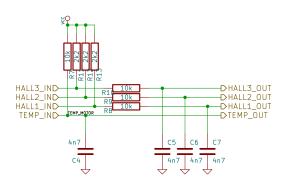


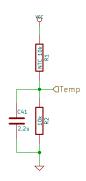
P4 O—

V_SUPPLY



| MCP2561 PDIP, SOIC | MCP2562 PDIP, SOIC |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STBY STBY | TXD |
| MCP2561 3x3 DFN* | MCP2562 3x3 DFN* |
| Tx0 1:0 8 STBY | TxD 1 0 8 STBY |
| Vss 2 EP 7 CANH | Vss 2 EP 7 CANH |
| Von 3: 9 16 CANL | Vop 3: 9 6 CANL |
| | Rxp 4 5 Vio |

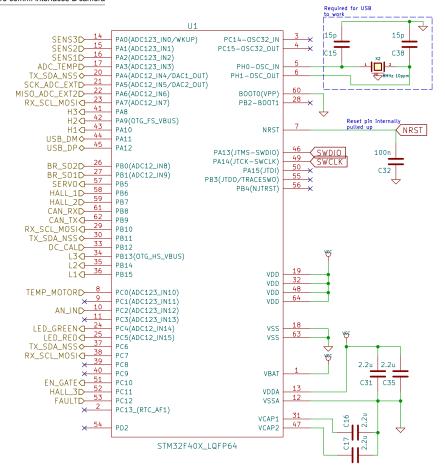


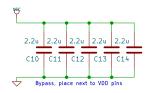


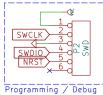


STM32F405xx STM32F407xx

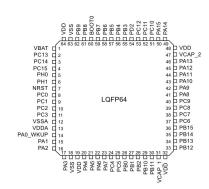
ARM Cortex-M4 32b MCU+FPU, 210DMIPS, up to 1MB Flash/192+4KB RAM, USB OTG HS/FS, Ethernet, 17 TIMs, 3 ADCs, 15 comm. interfaces & camera







connector



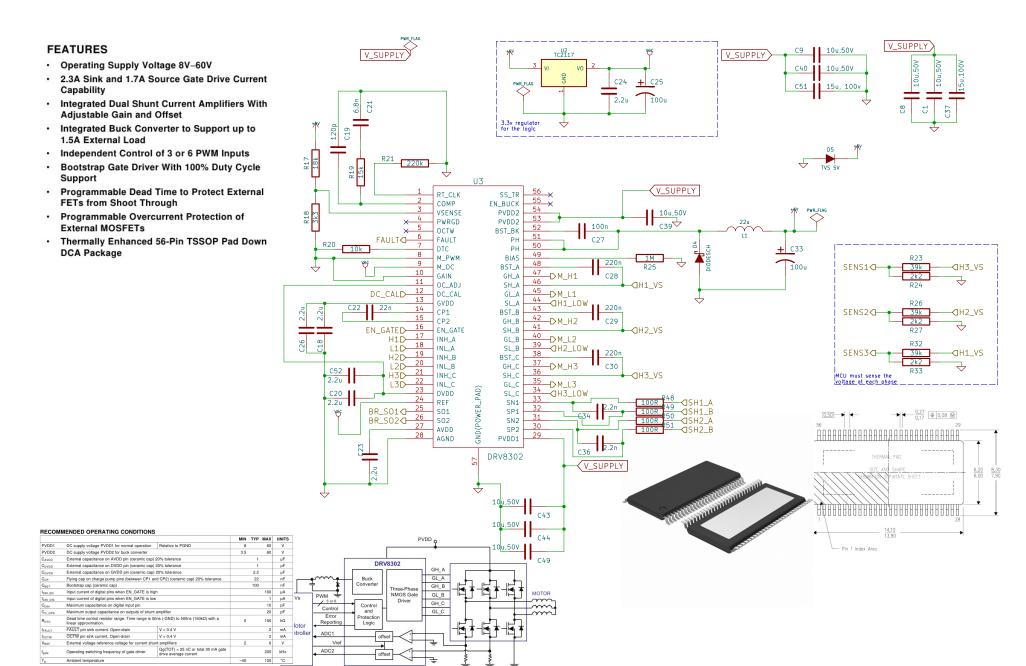


Figure 1. DRV8302 Simplified Application Schematic

