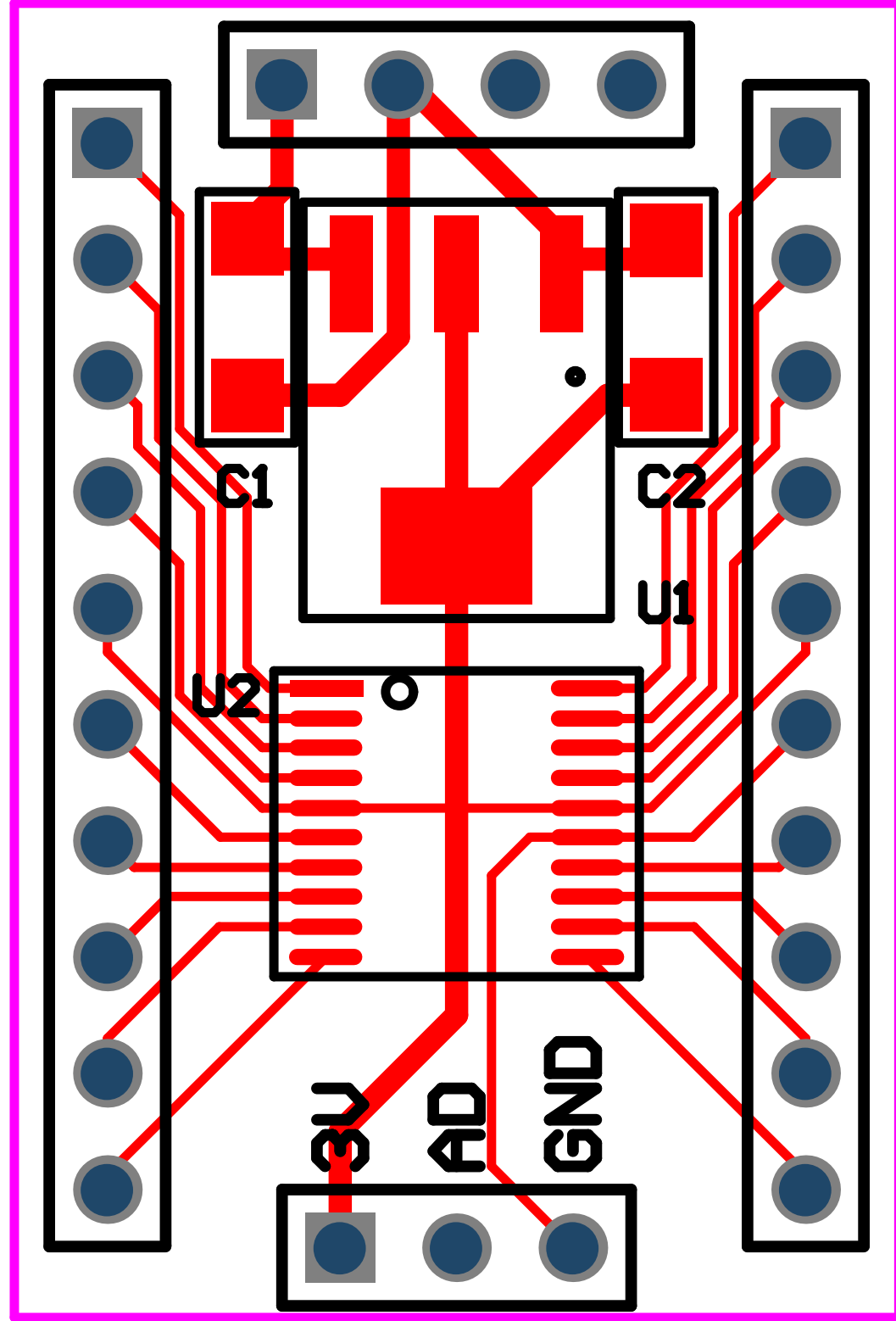
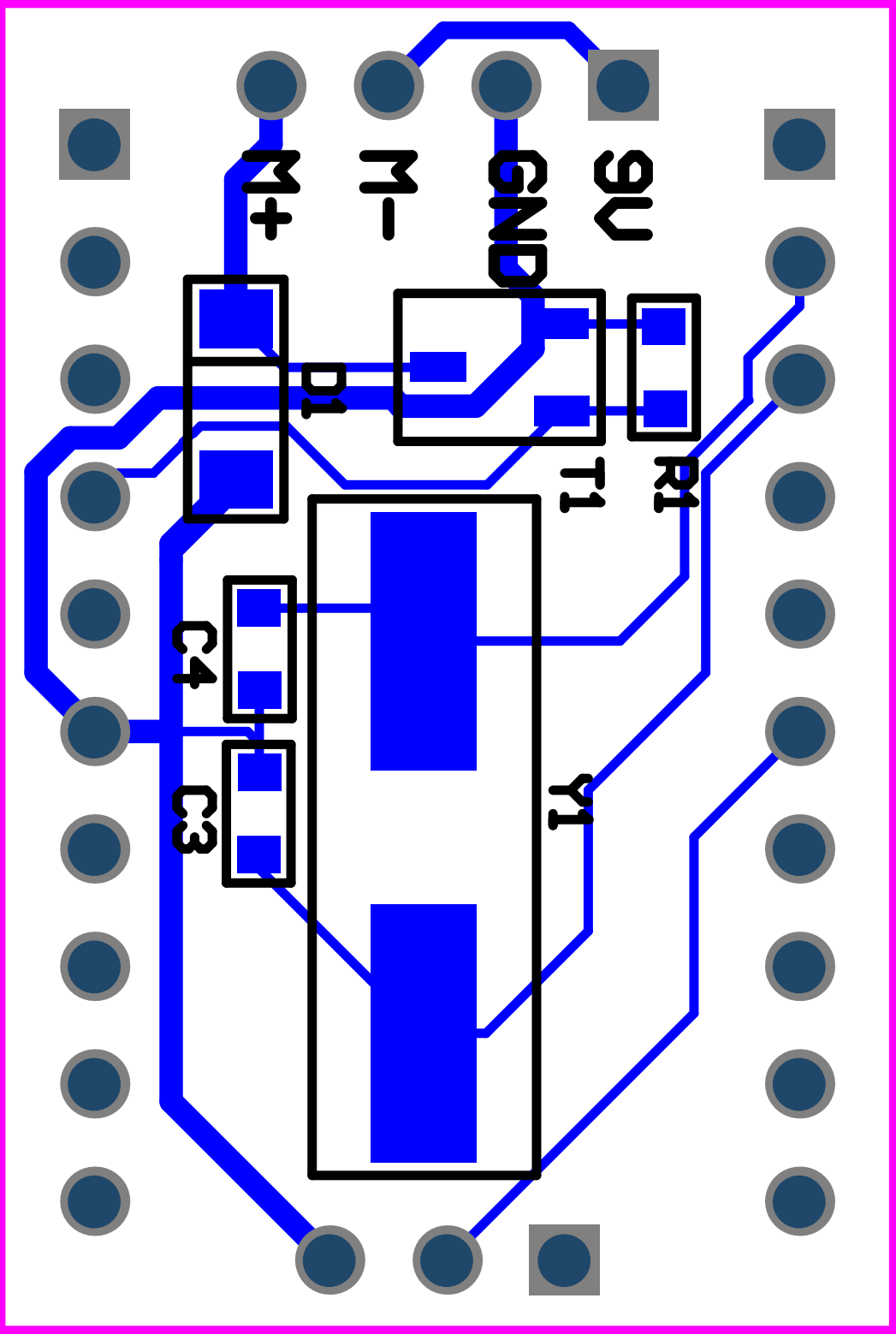
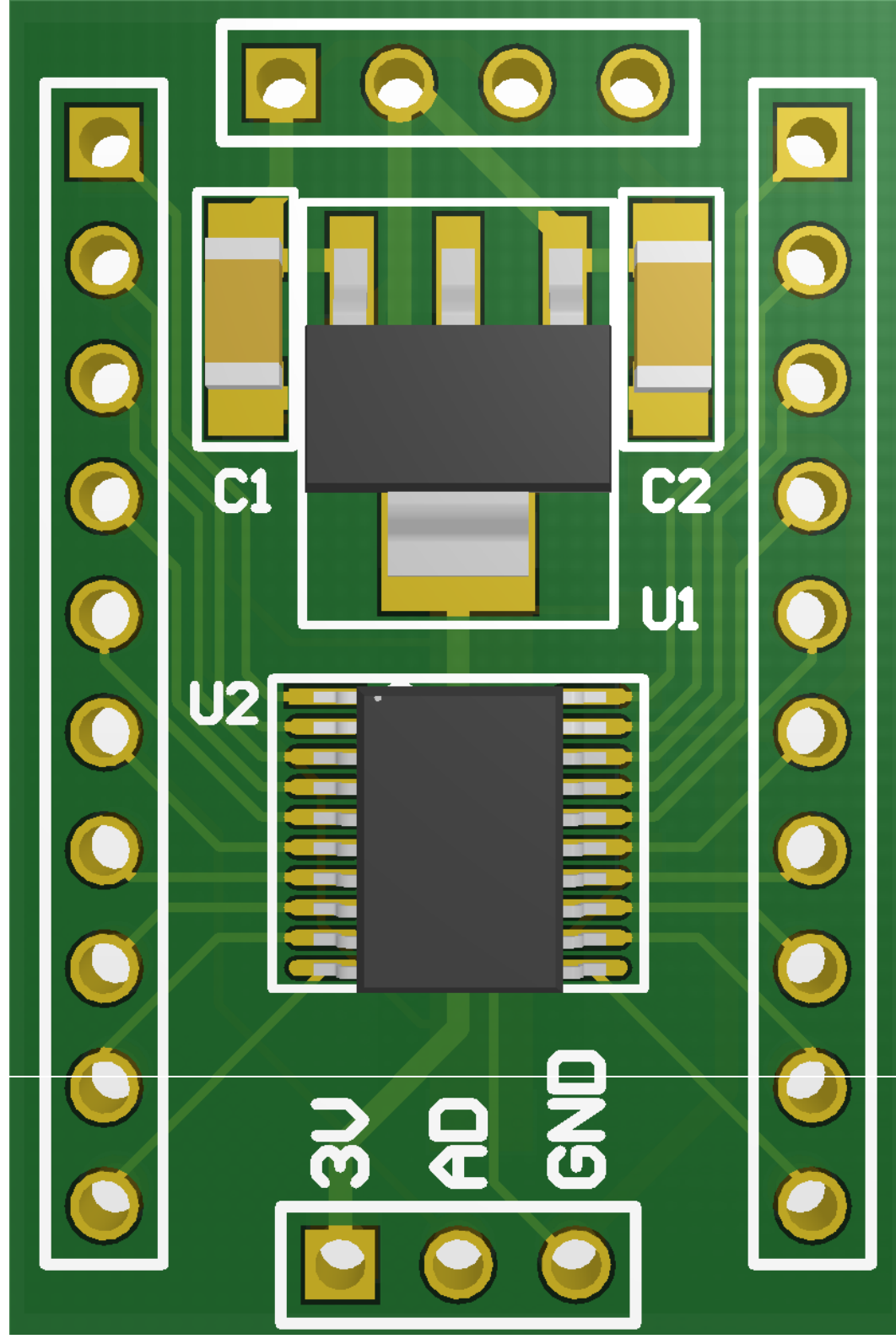
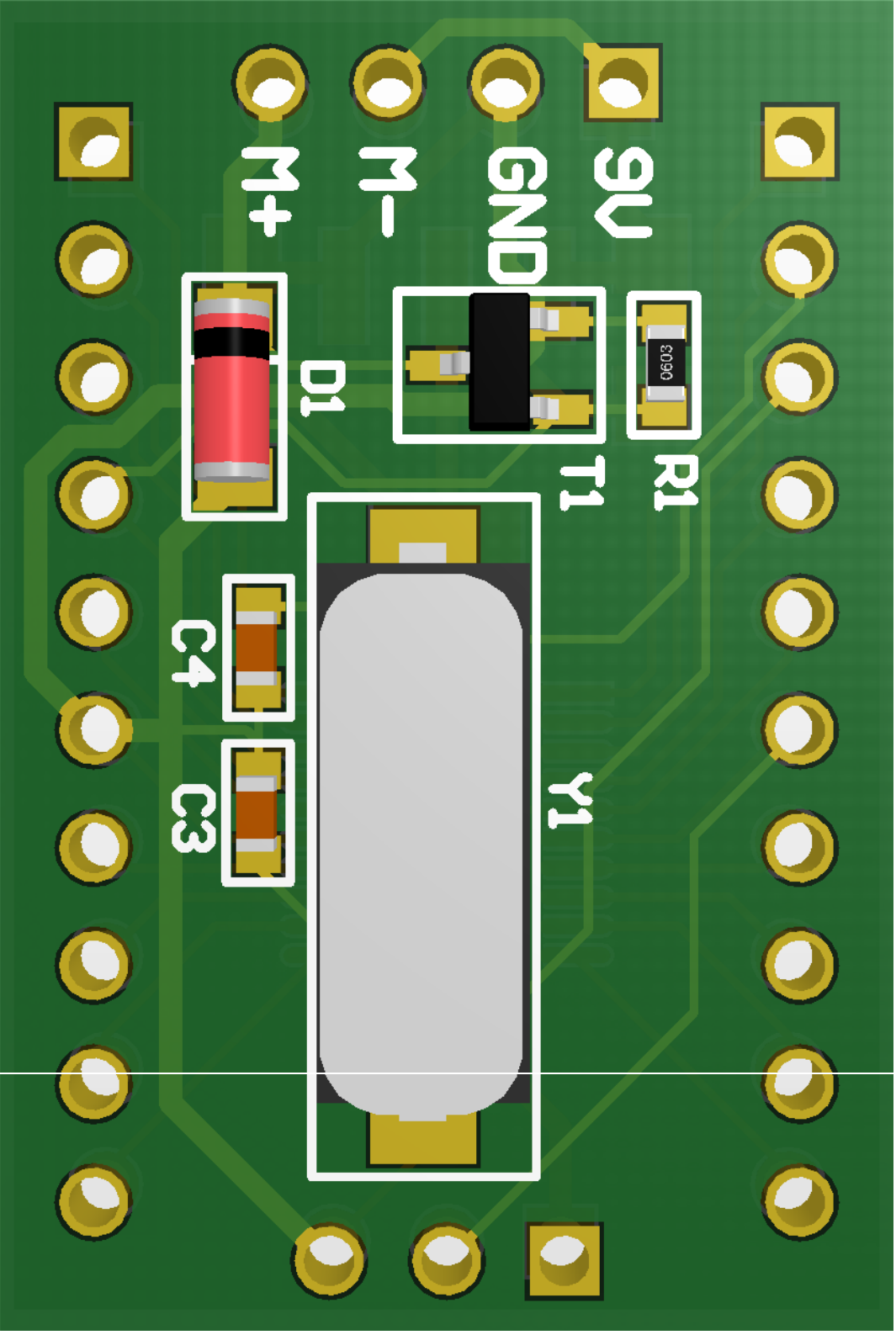


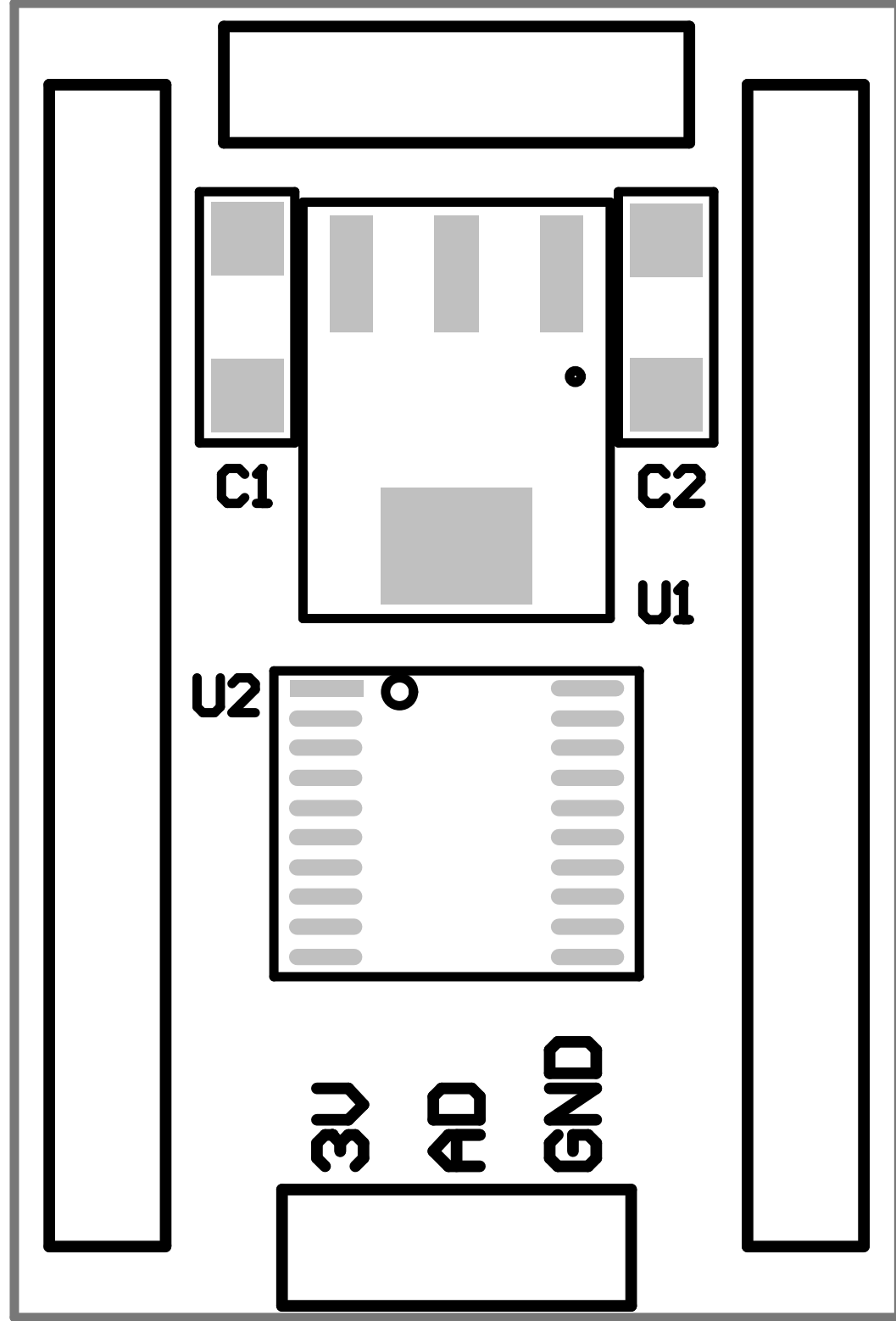
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| A3 | | |
| Date: | 2020.03.06. | Sheet of |
| File: | C:\SANYI\Bela_fan_control.SchDoc | Drawn By: |

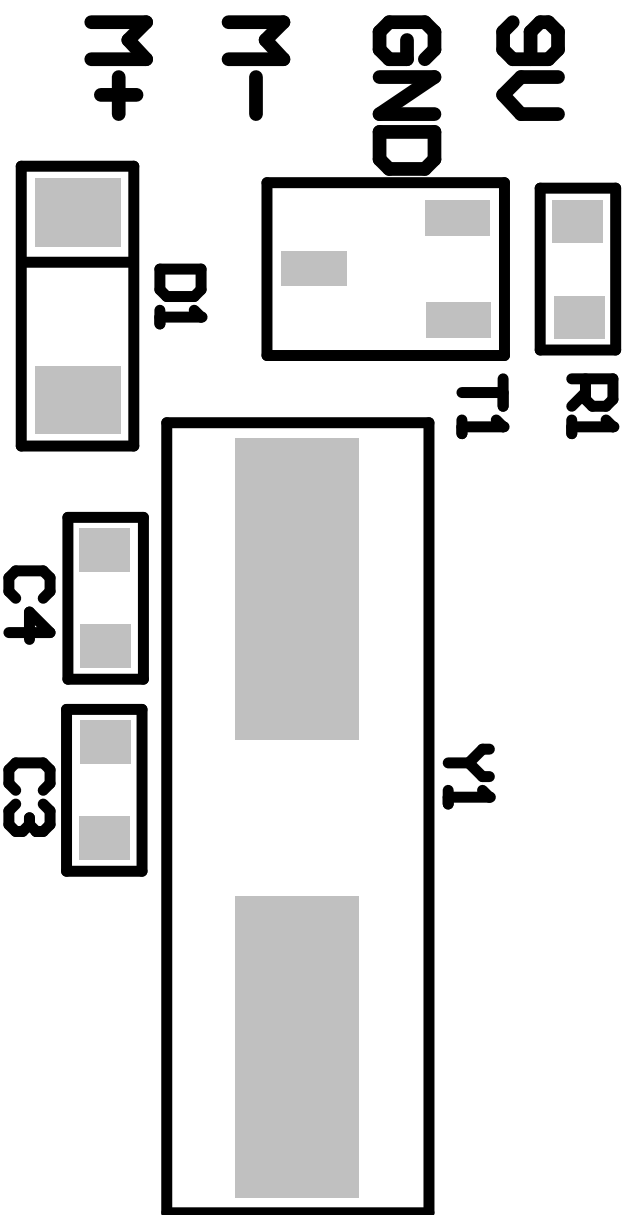












| Comment | Description | Designator | Footprint | LibRef | Sample | Part number | Quantity |
|---------------|---|------------|----------------------|---------------|---|----------------------------|----------|
| 10uF | Capacitor ceramic X7R | C1, C2 | FP_1206_CAP_085 | Cap | | | 2 |
| 20pF | Capacitor | C3, C4 | FP_0603_CAP_080 | Cap | | 20pF_0603_50V_NP0_5percent | 2 |
| TMMBAT46 | | D1 | SOD-80 | DIODE_big | 83-00-65 | TMMBAT46FILM | 1 |
| Header 1X4 | Header, 4-Pin | P1 | HEADER_2.54MM_M_1x4 | Header 1X4 | | | 1 |
| Header 1X10 | Header, 10-Pin | P2, P3 | HEADER_2.54MM_M_1x10 | Header 1X10 | | | 2 |
| Header 1X3 | Header, 3-Pin | P4 | HEADER_2.54MM_M_1x3 | Header 1X3 | | | 1 |
| 1K | Resistor | R1 | FP_0603_RES | RES | 80-11-59 | 1k_0603_1percent | 1 |
| NCE6003 | N Channel 60V 3A 2V @ 250uA 105 m? @ 3A,10V 1.7W SOT-23(SOT-23-3) MOSFET RoHS | T1 | FET_SOT23 | NMOS | https://lcsc.com/product-detail/MOSFET_Wuxi-NCE-Power-Semiconductor-NCE6003_C112351.html | NCE6003 | 1 |
| LD1117xx | LD1117xx 3,3V lin reg | U1 | SUPPLY_SOT223 | LD1117xx | | | 1 |
| STM32F030F4P6 | STM32F030F4P6 | U2 | uC_TSSOP20 | STM32F030F4P6 | | STM32F030F4P6 | 1 |
| 8MHz | Quartz | Y1 | FP_CRYSTAL_HC49 | XTAL | | | 1 |
| | | | | | | | |