

1

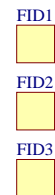
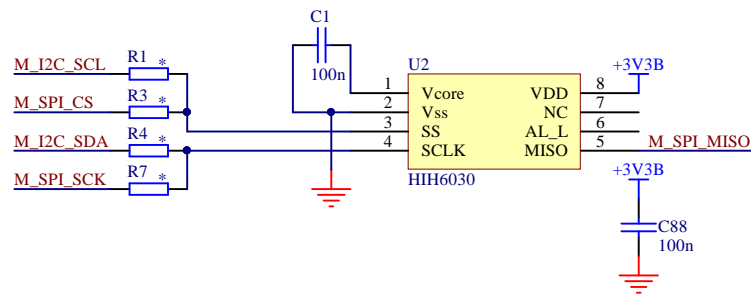
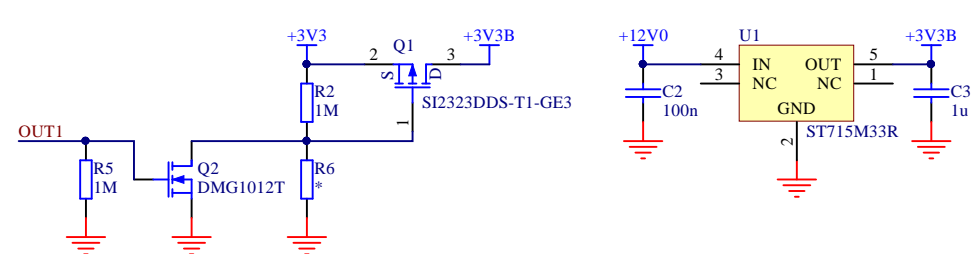
2

3

4

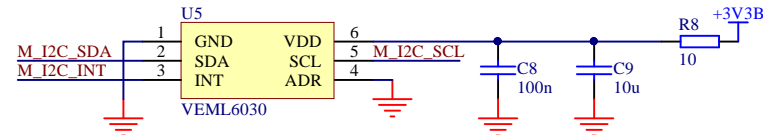
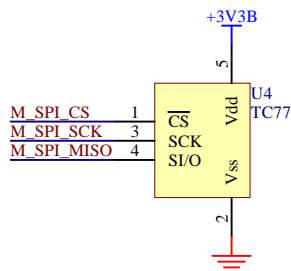
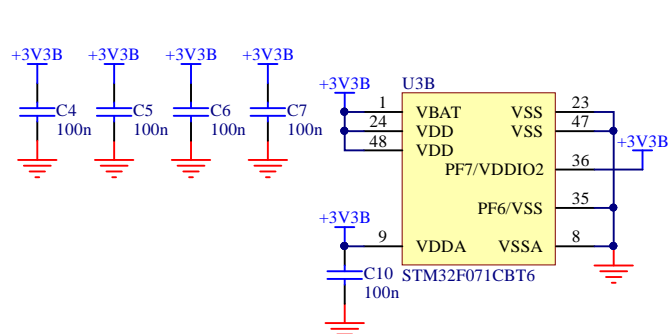
A

A



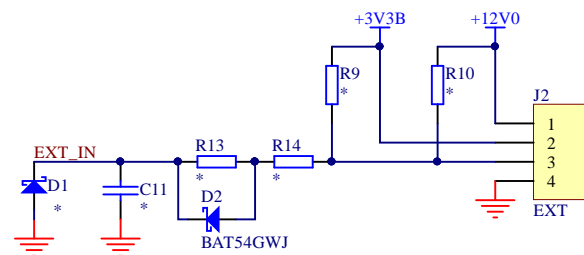
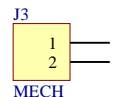
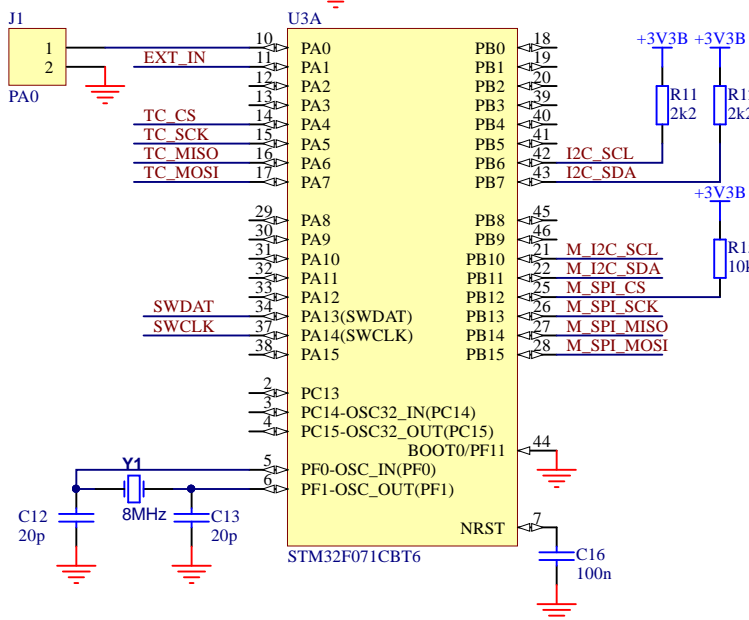
B

B



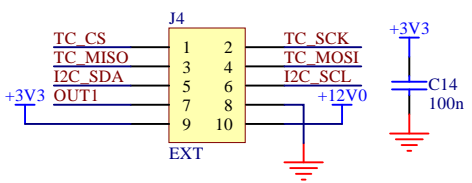
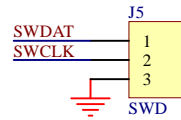
C

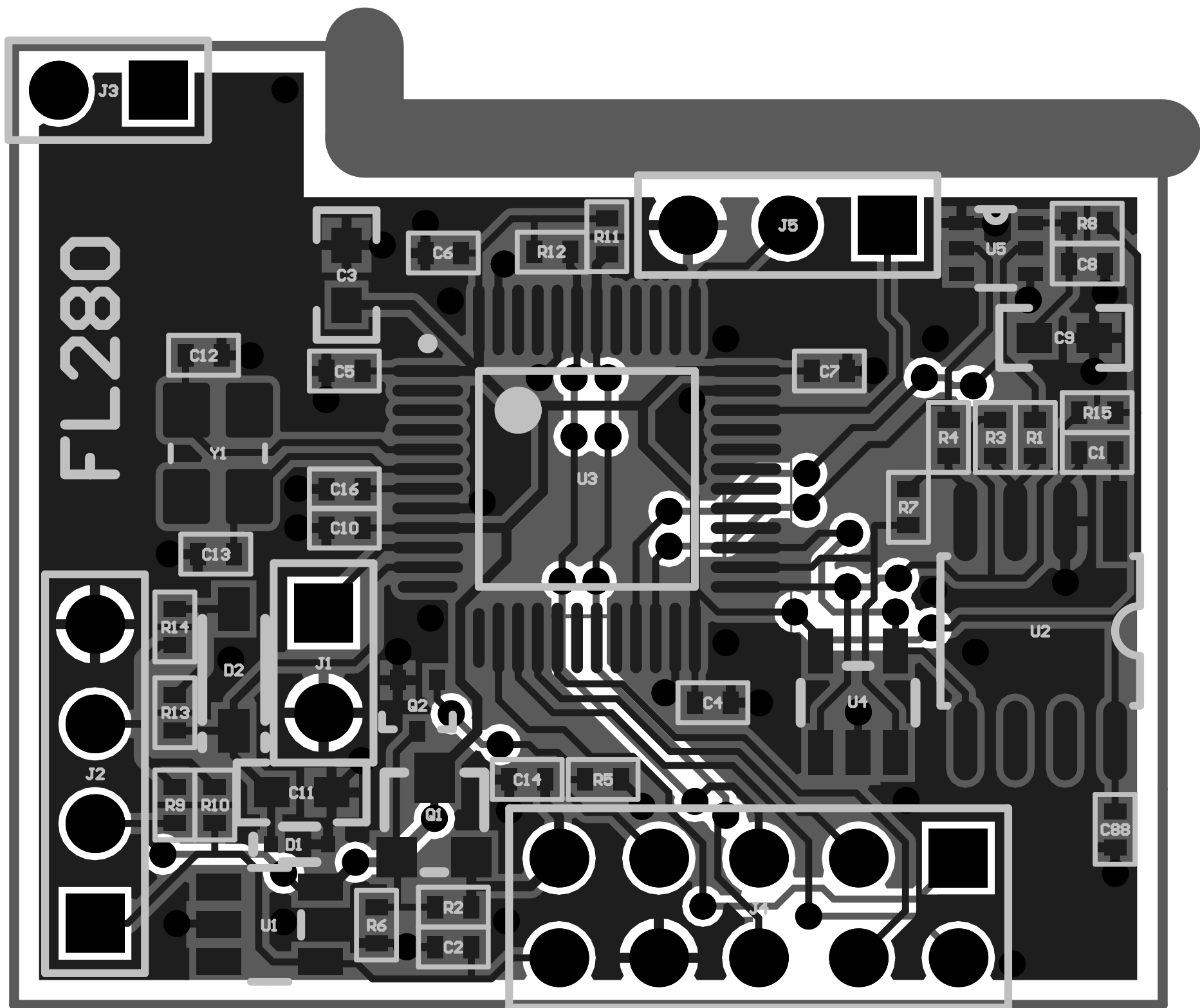
C

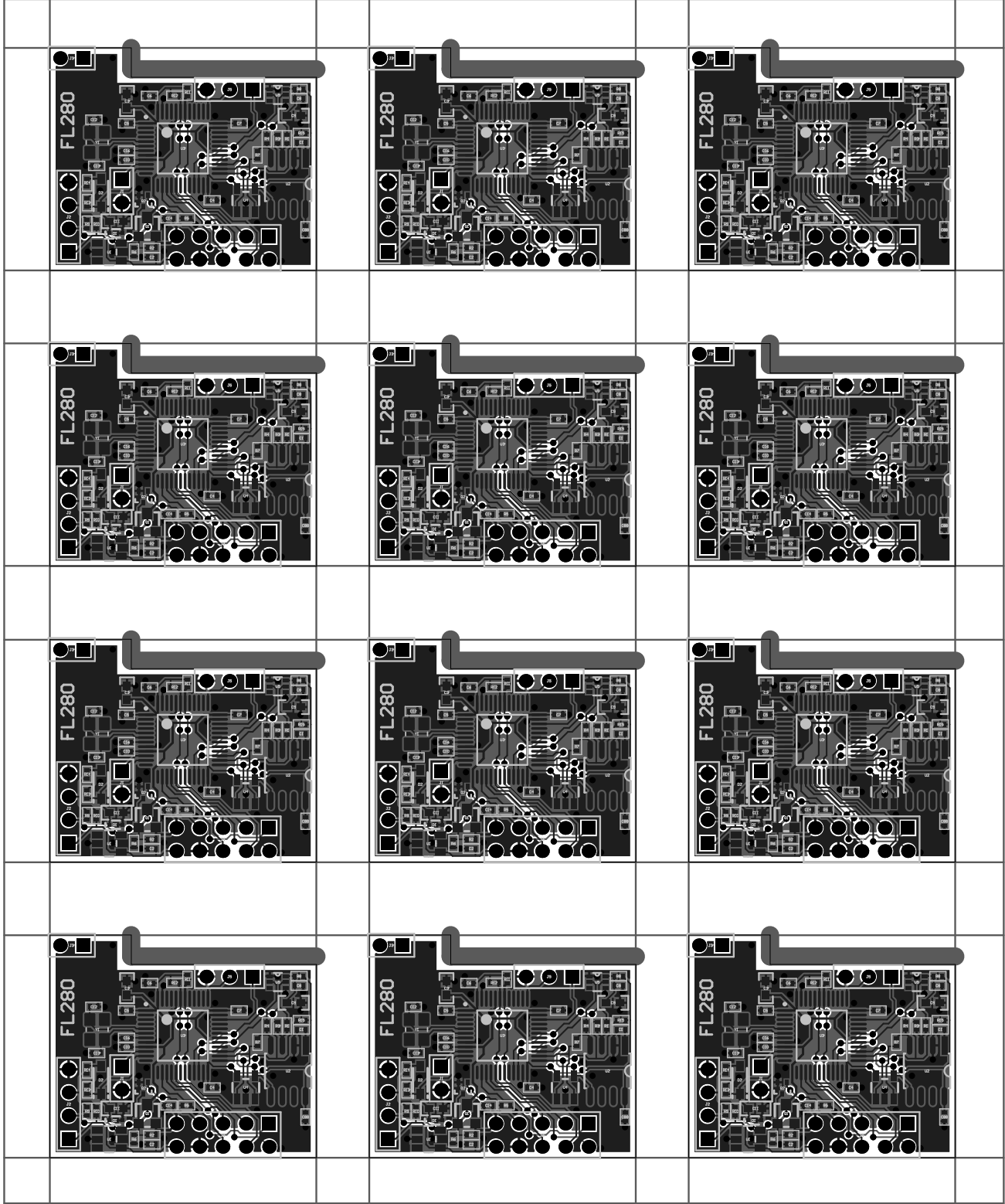


D

D







| Designator                            | Comment          | Footprint     | Quantity |
|---------------------------------------|------------------|---------------|----------|
| U3                                    | STM32F071CBT6    | STM-LQFP48_N  | 1        |
| Q1                                    | SI2323DDS-T1-GE3 | F_SOT-23      | 1        |
| Q2                                    | DMG1012T         | F_SOT-523     | 1        |
| C3                                    | 1u               | F_0603_a      | 1        |
| C11                                   |                  | F_0603_a      | 1        |
| J4                                    | EXT              | HDR2X5        | 1        |
| J2                                    | EXT              | HDR1X4        | 1        |
| J5                                    | SWD              | HDR1X3        | 1        |
| J1                                    | PA0              | HDR1X2        | 1        |
| J3                                    | MECH             | HDR1X2        | 1        |
| Y1                                    | 8MHz             | NX3225        | 1        |
| C1, C2, C4, C5, C6,                   | 100n             | F_0402_c      | 11       |
| C9                                    | 10u              | F_0603_a      | 1        |
| C12, C13                              | 20p              | F_0402_c      | 2        |
| D1                                    |                  | F_SOD-523     | 1        |
| D2                                    | BAT54GWJ         | F_SOD-123     | 1        |
| FID1, FID2, FID3                      |                  | F_RefPiont_WP | 3        |
| R1, R3, R4, R6, R7, R9, R10, R13, R14 |                  | F_0402_c      | 9        |
| R2, R5                                | 1M               | F_0402_c      | 2        |
| R8                                    | 10               | F_0402_c      | 1        |
| R11, R12                              | 2k2              | F_0402_c      | 2        |
| R15                                   | 10k              | F_0402_c      | 1        |
| U1                                    | ST715M33R        | F_SOT-23-5    | 1        |
| U2                                    | HIH6030          | E_SO-8        | 1        |
| U4                                    | TC77             | F_SOT23_5     | 1        |
| U5                                    | VEML6030         | F_VEML6030_B  | 1        |