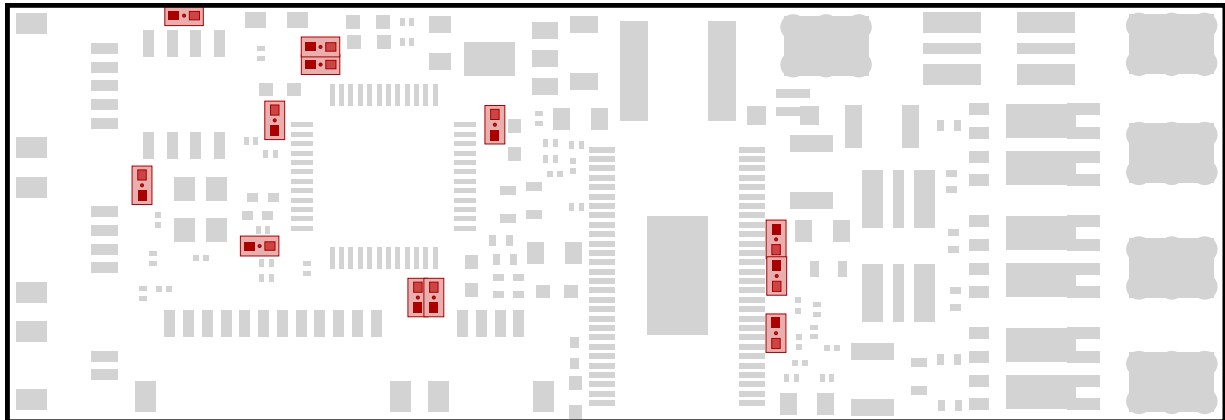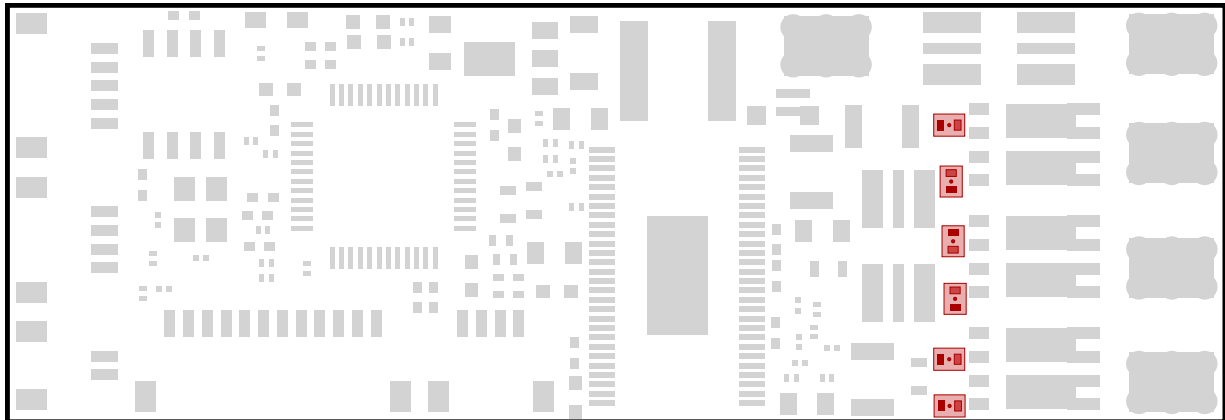12x 0.1u, C_0402
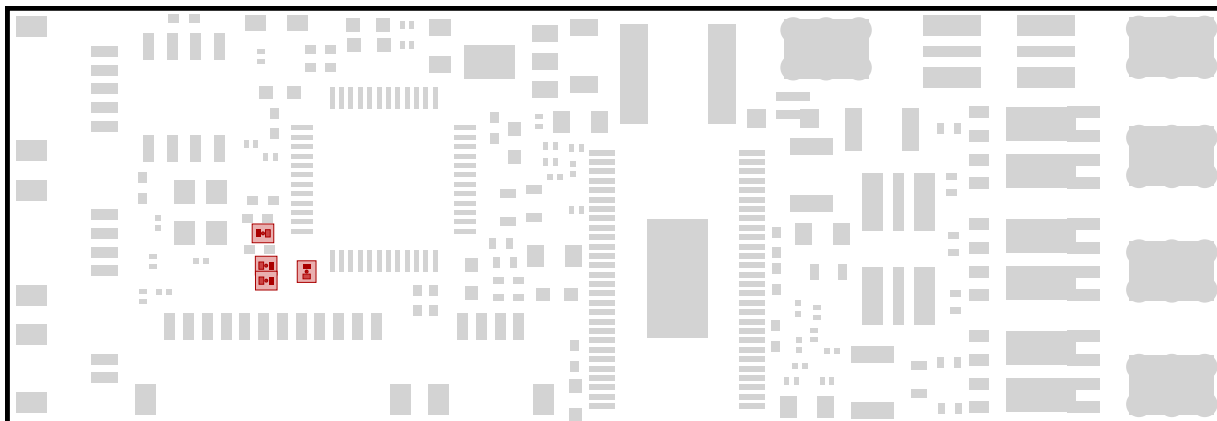
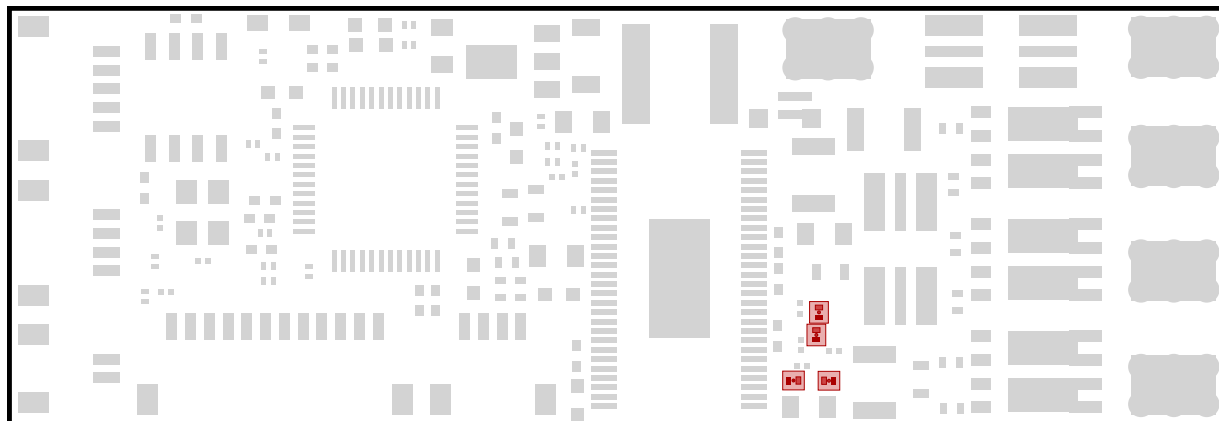C2, C3, C6, C7, C9, C12, C14, C26, C27, C28, C36, C37

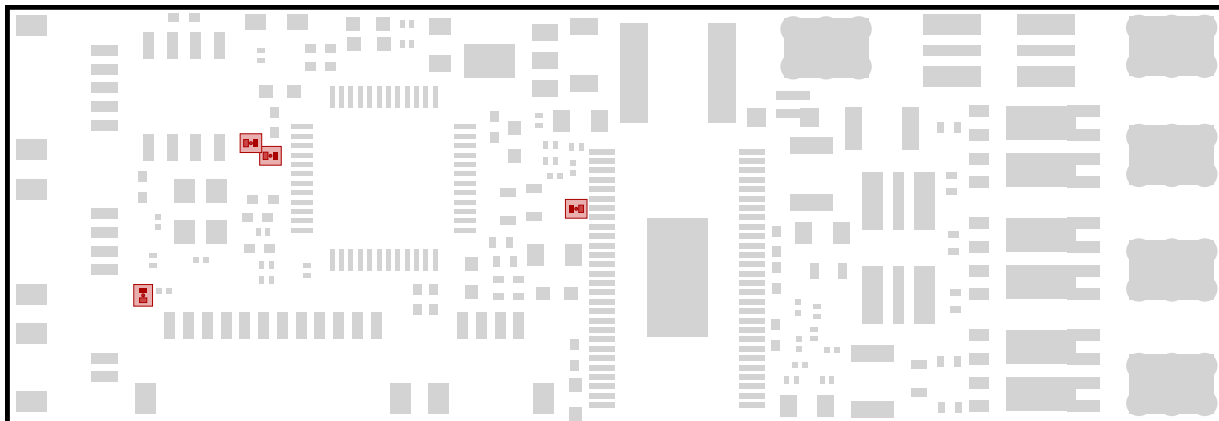6x 2R2, R_0402

R23, R24, R28, R29, R30, R31
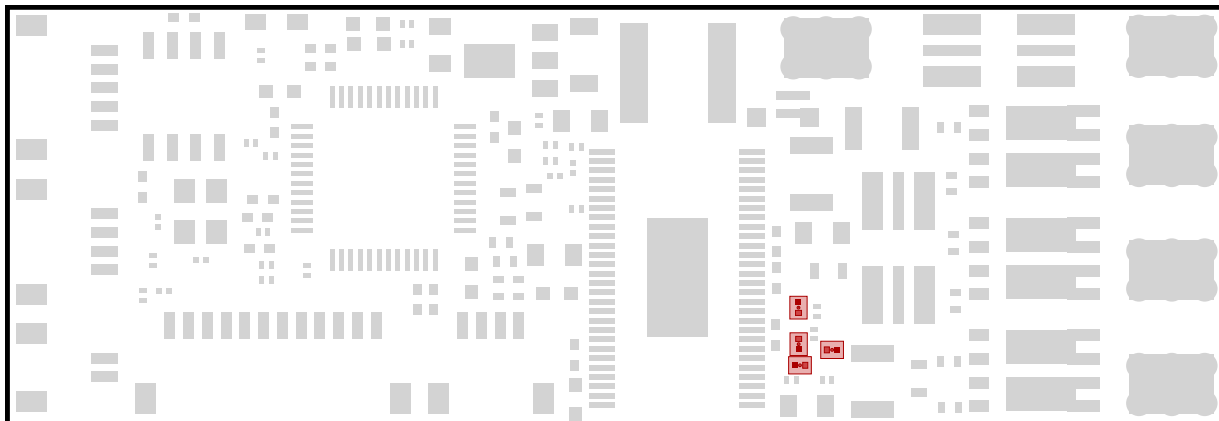
4x 2k7, R_0201

R2, R13, R14, R15
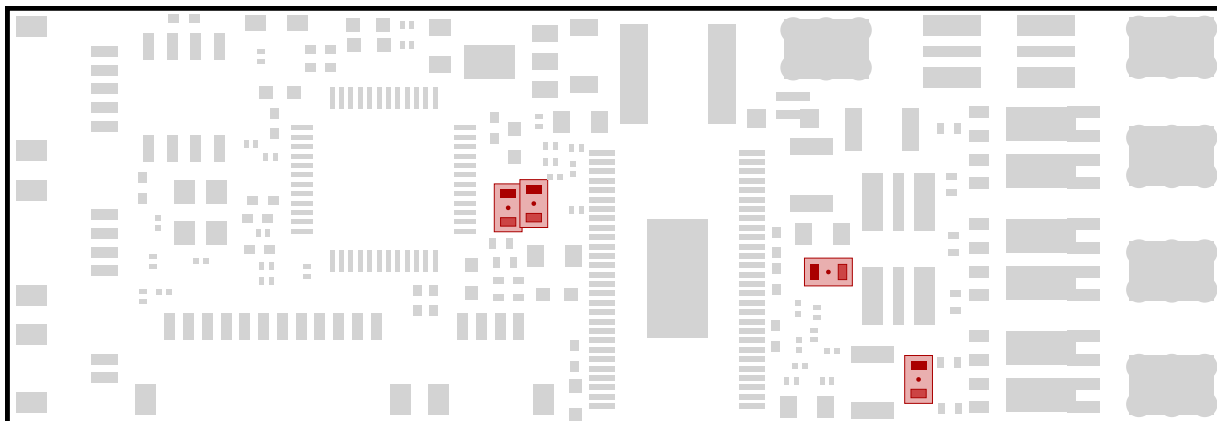
4x 100, R_0201

R25, R26, R32, R33

4x 10k, R_0201

R9, R19, R20, R21

4x 2.2n, C_0201
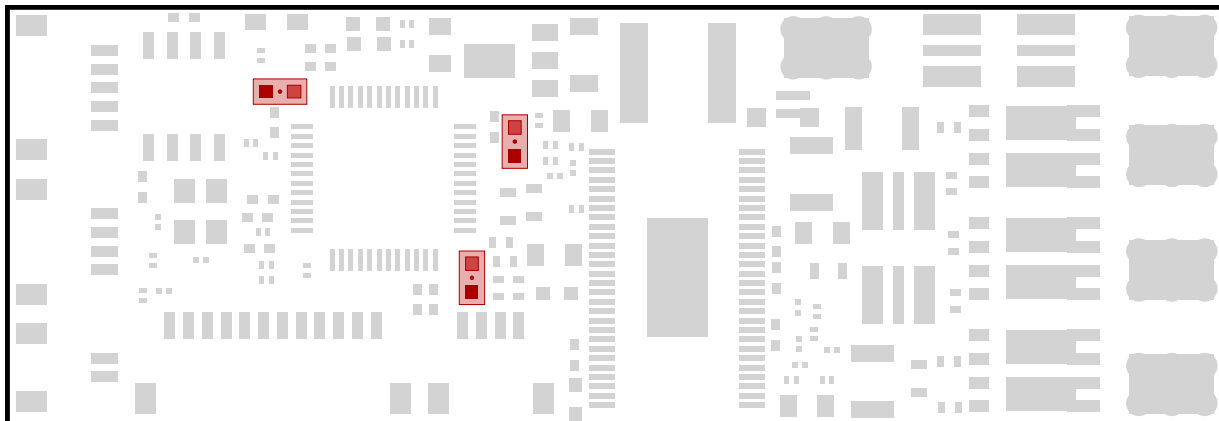
C32, C33, C34, C35

4x 47k, R_0603

R1, R10, R11, R12
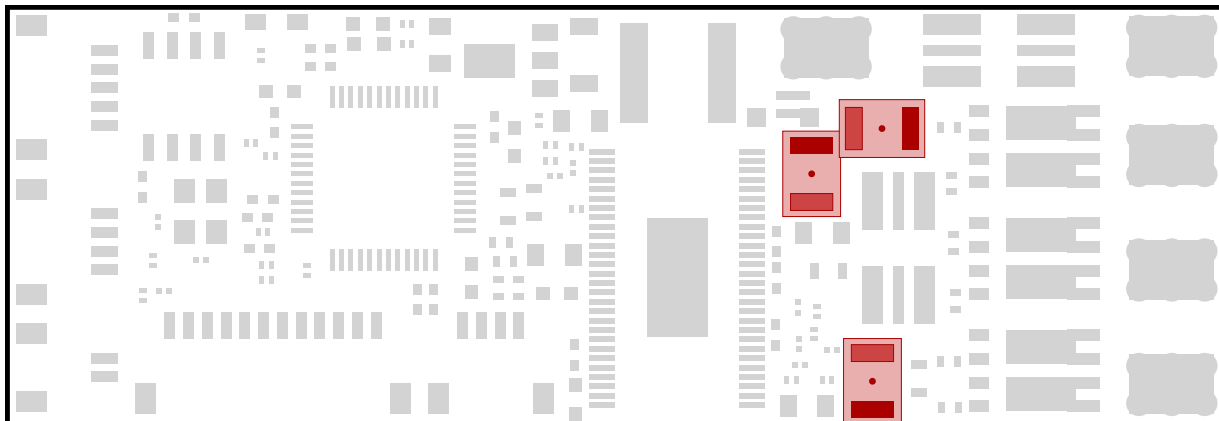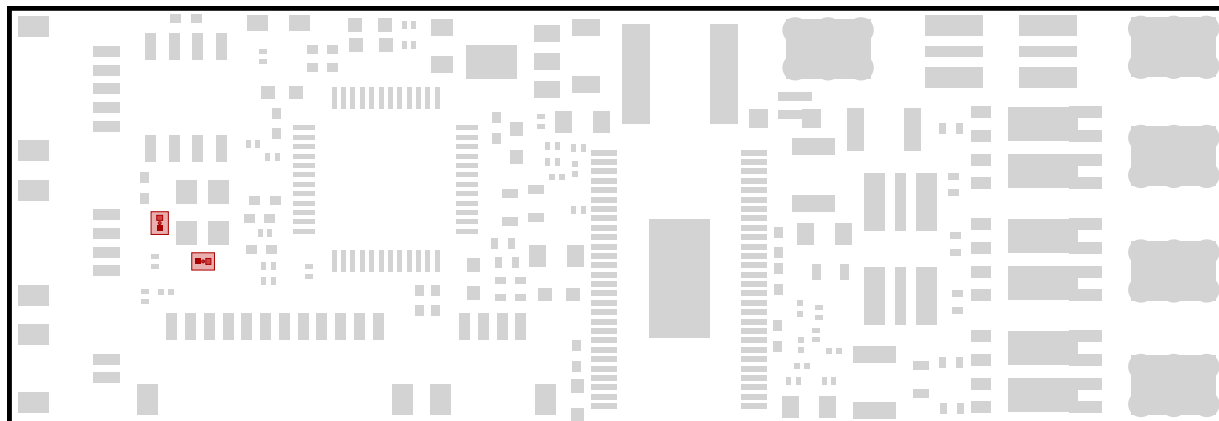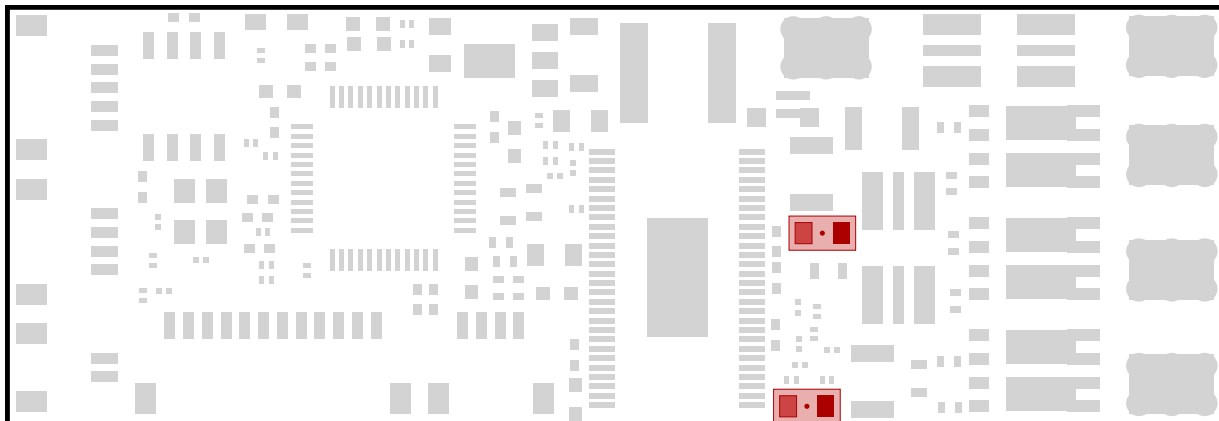
3x 4.7u, C_0603

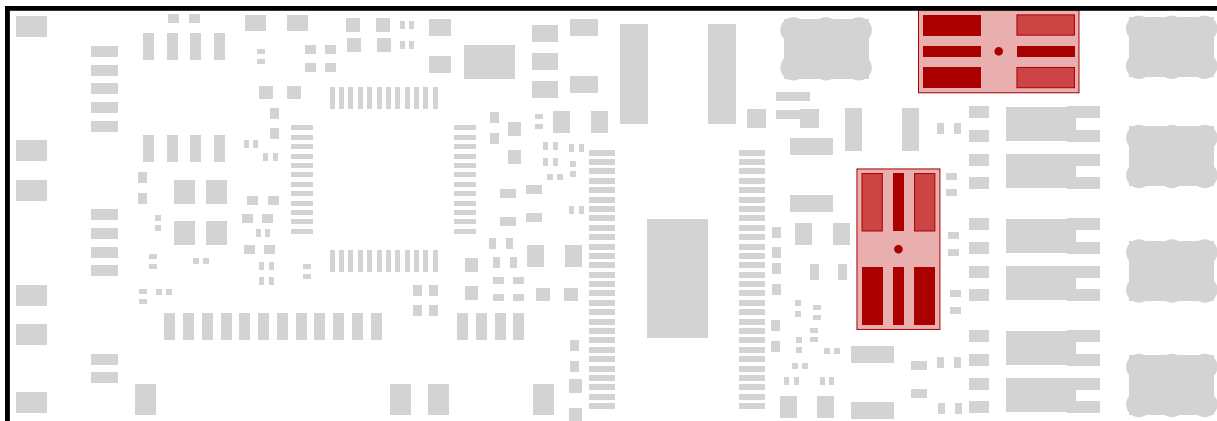C4, C8, C13

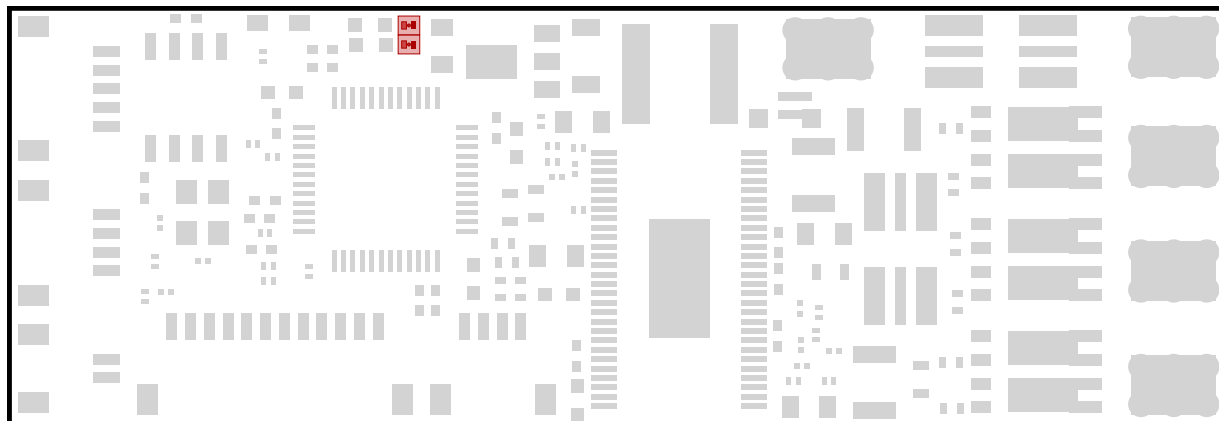3x 4.7u, C_1210

C25, C30, C38

2x 10p, C_0201

C1, C5
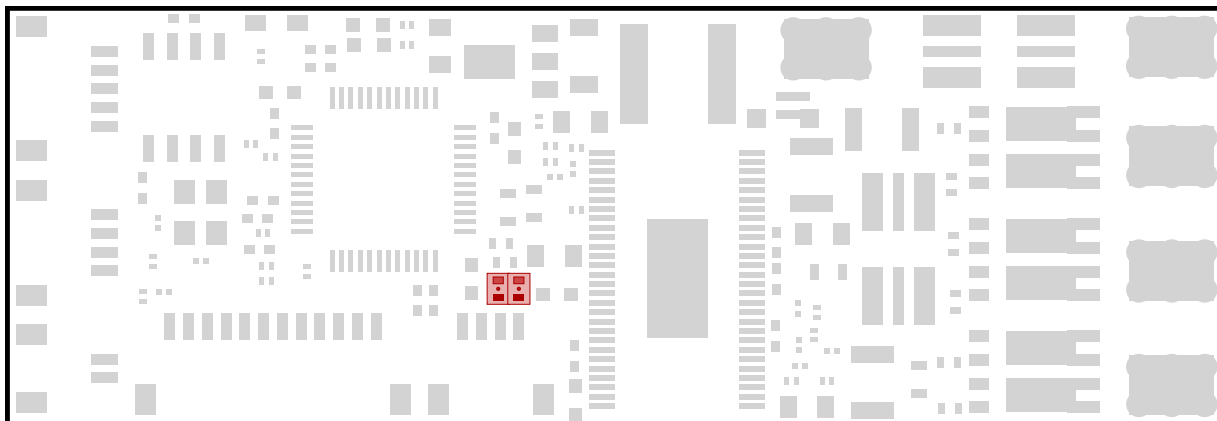
2x 0.1u, C_0805

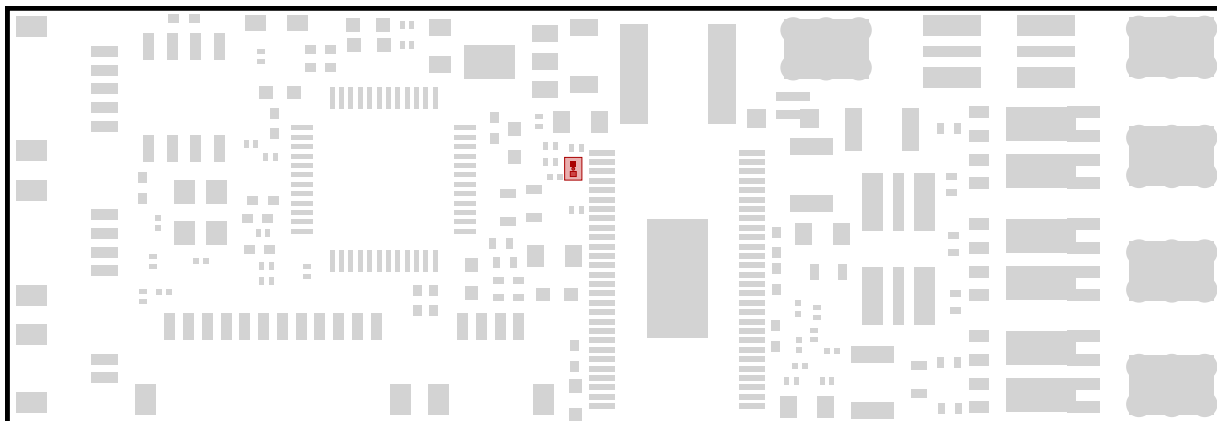C24, C29

2x 1m, R_shunt_4_terminal_2512

R27, R34

2x 1k, R_0201

R5, R6

2x 2k, R_0402
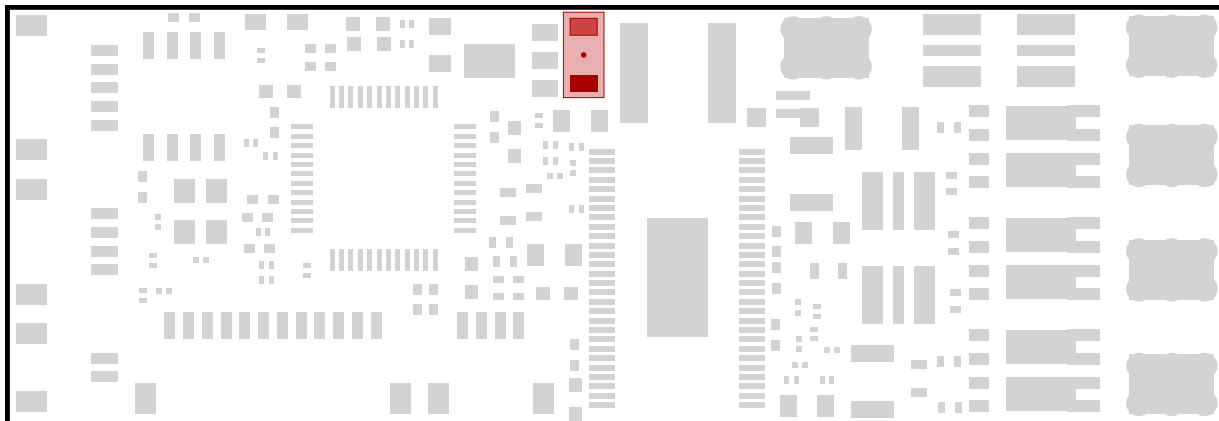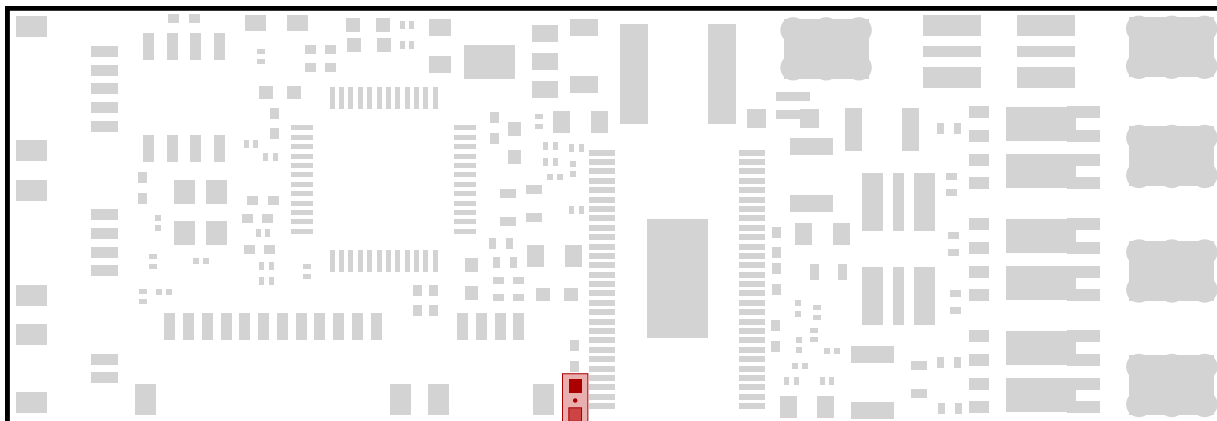
R7, R8

1x 120p, C_0201

C19

1x 100u, C_1206
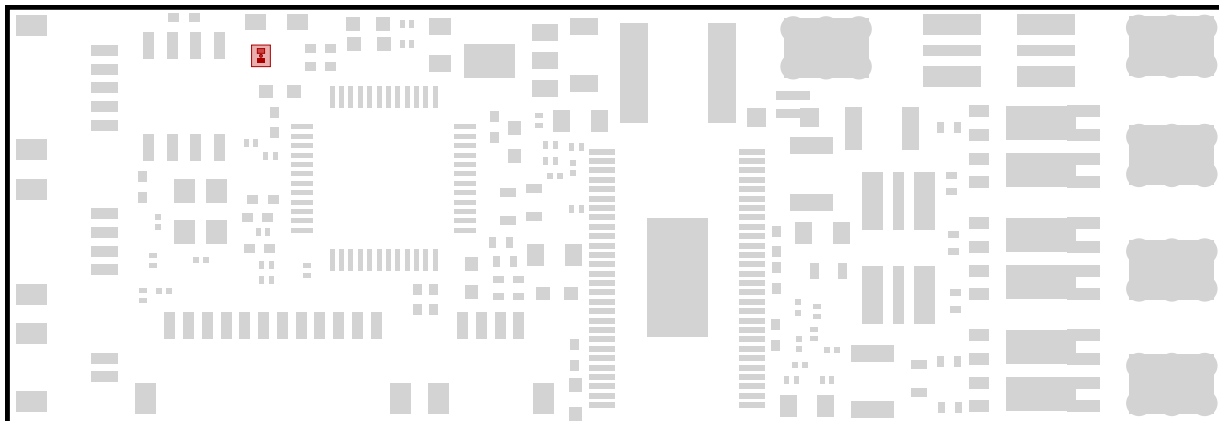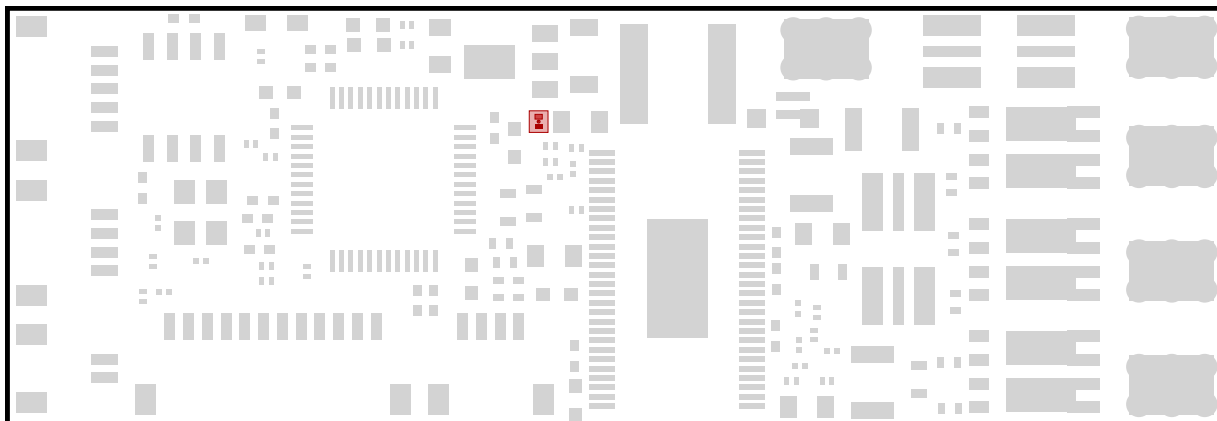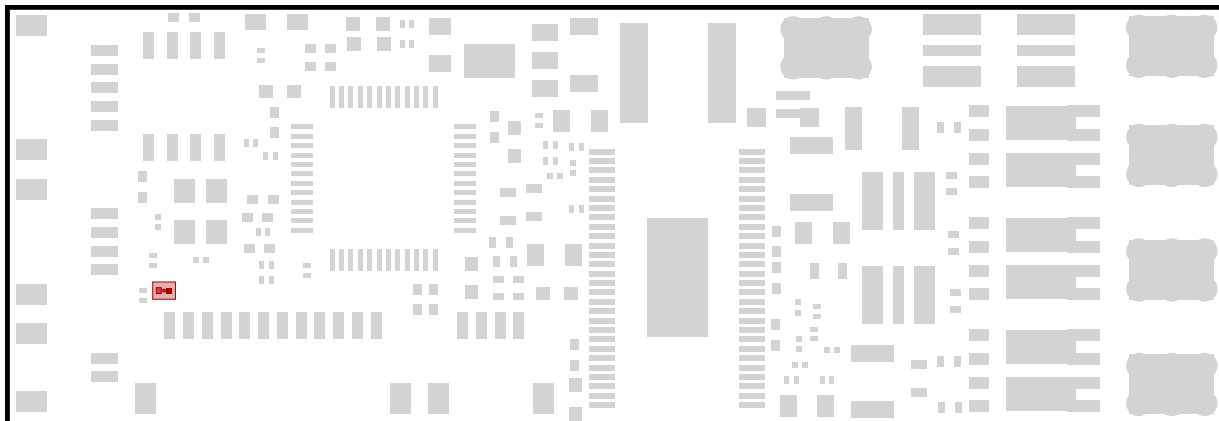
C31
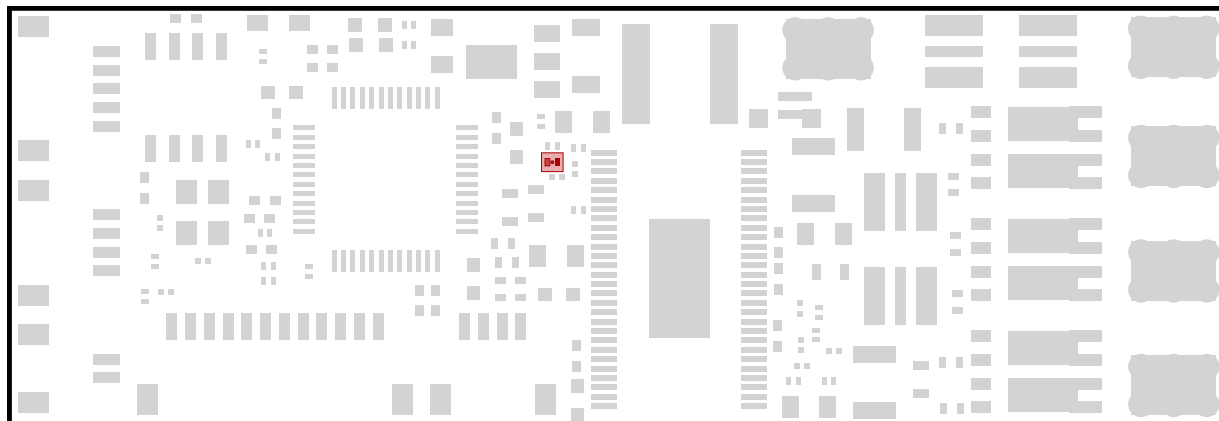
1x 2.2u, C_0603

C22
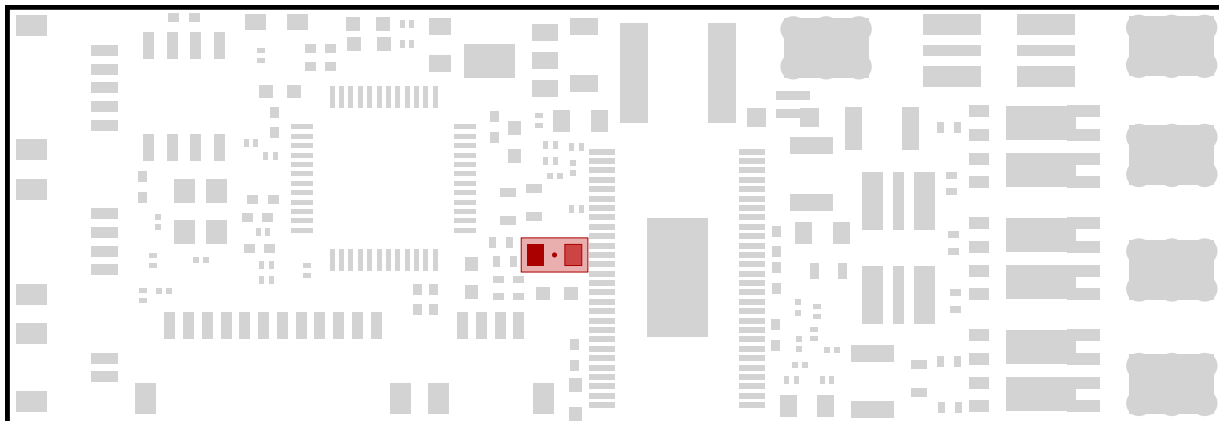
1x 100k, R_0201

R3

1x 18k, R_0201

R16

1x 4.7n, C_0201

C15

1x 15k, R_0201
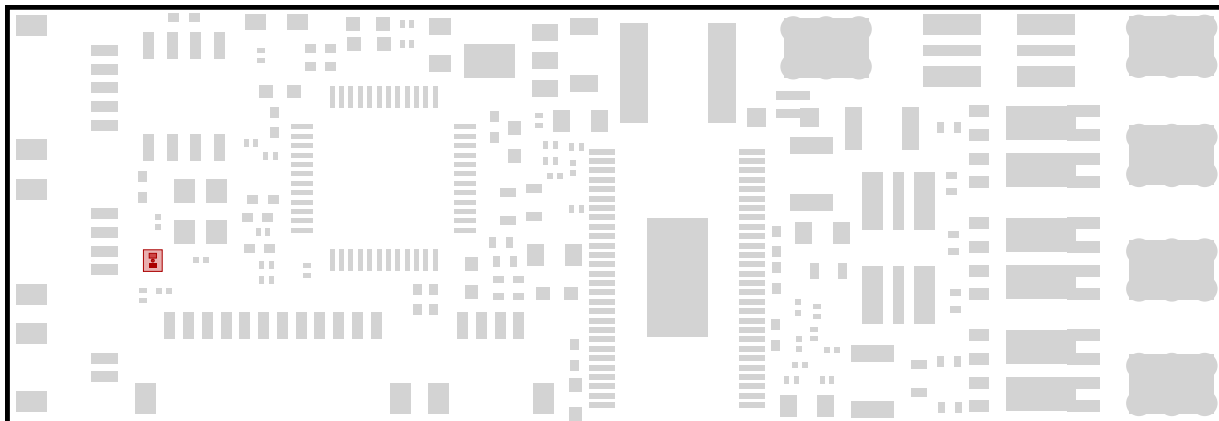
R18

1x 4.7u, C_0805
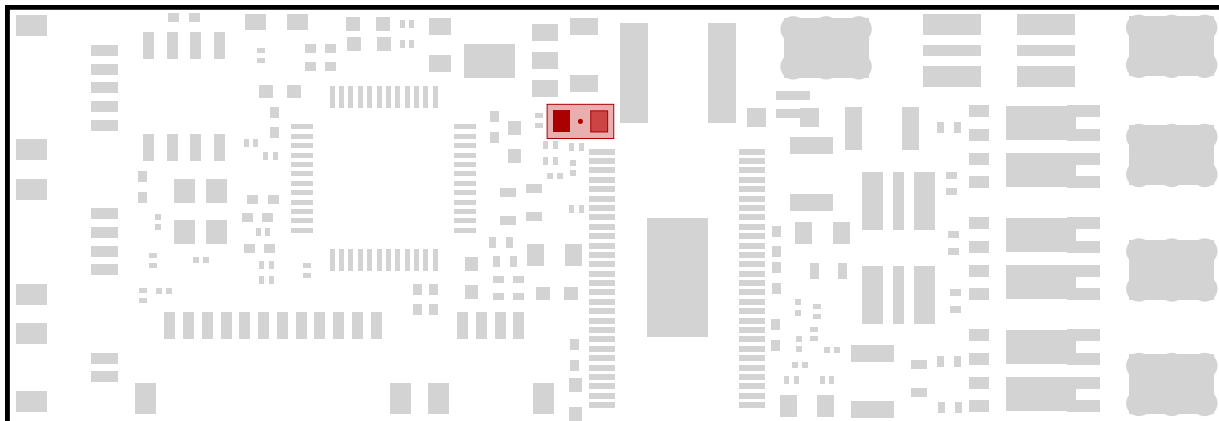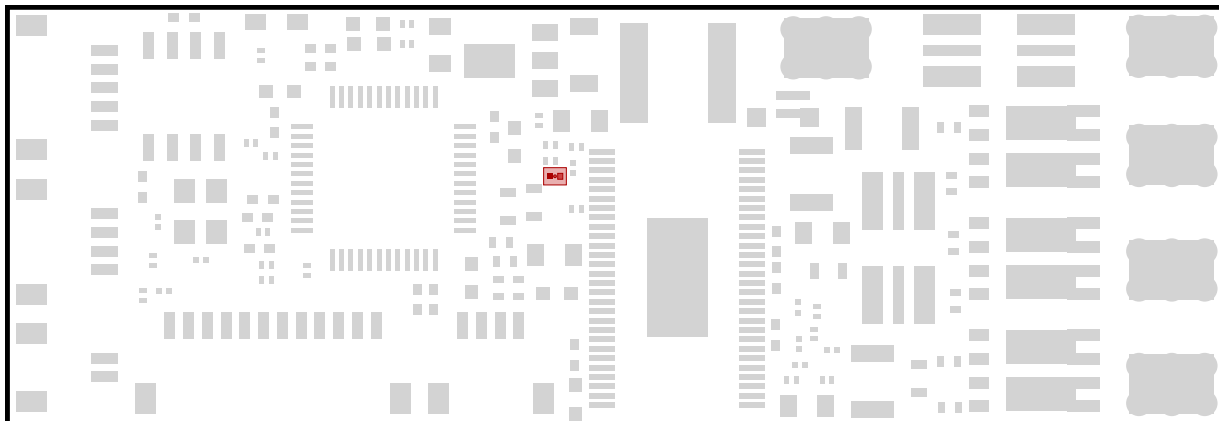
C18

1x 120, R_0201

R4

1x 10u, C_0805

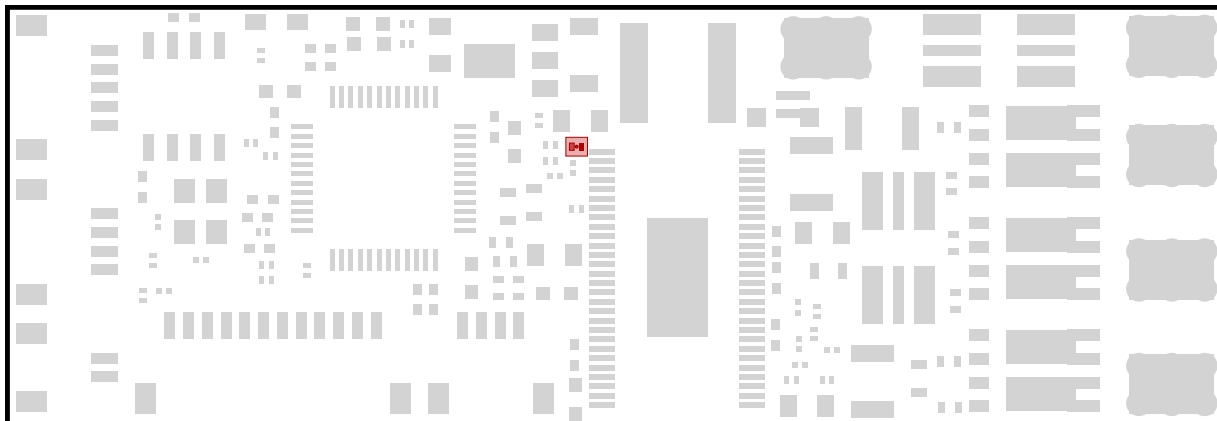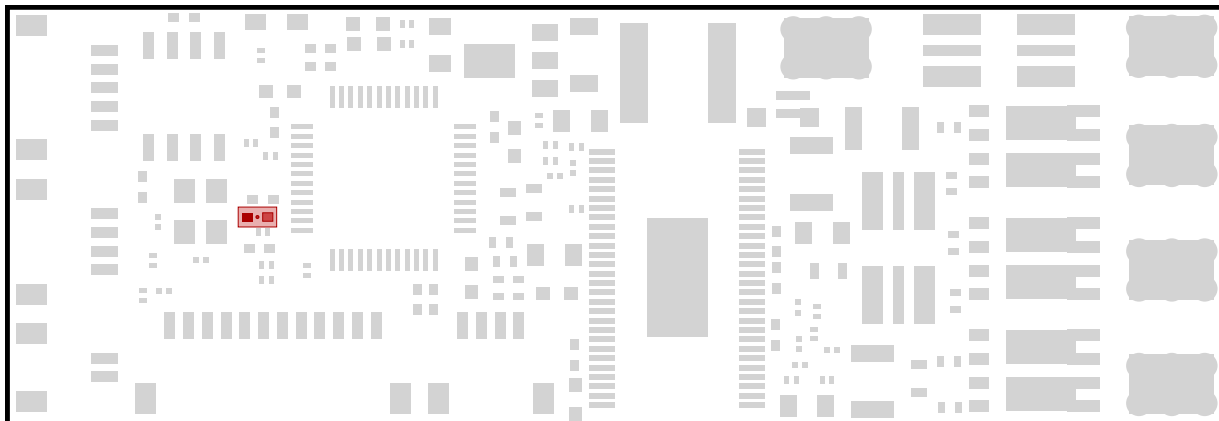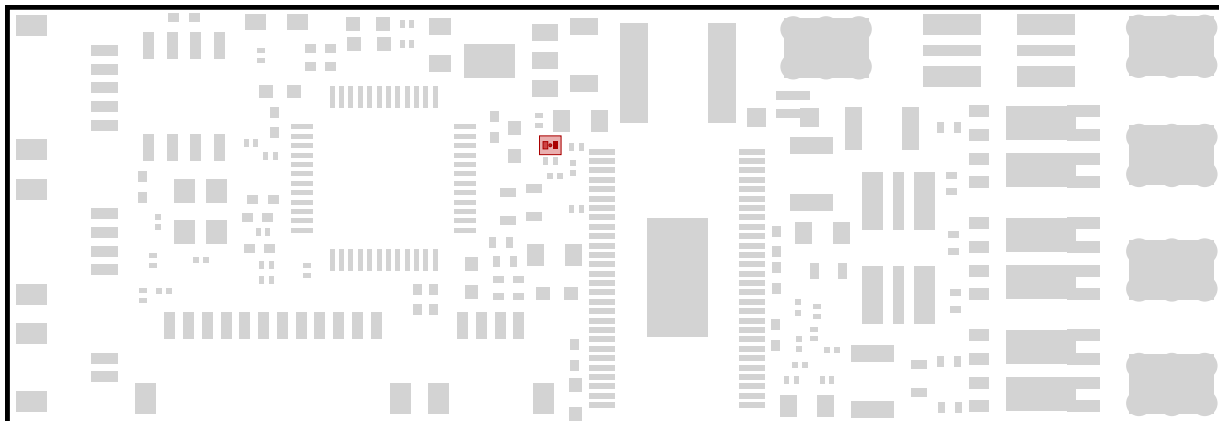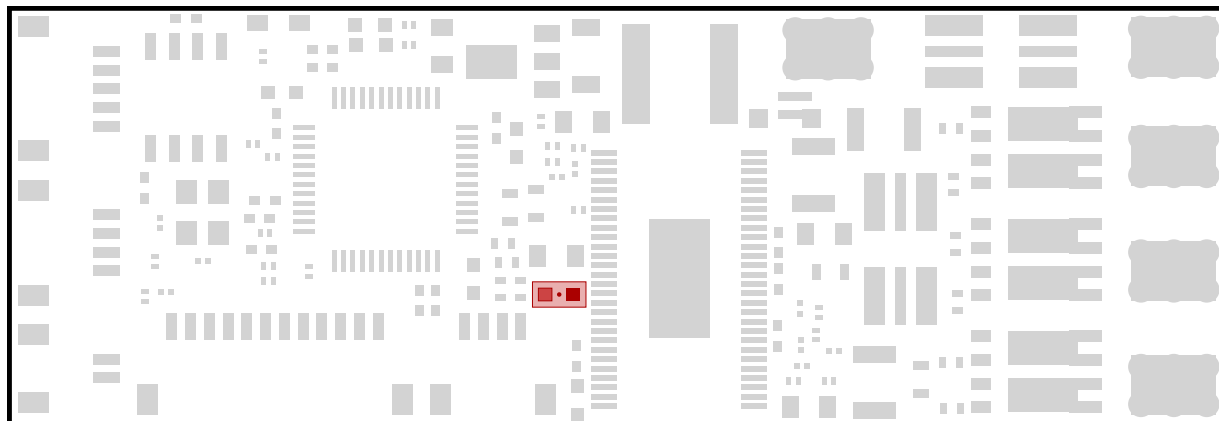C21

1x 6.8n, C_0201

C17
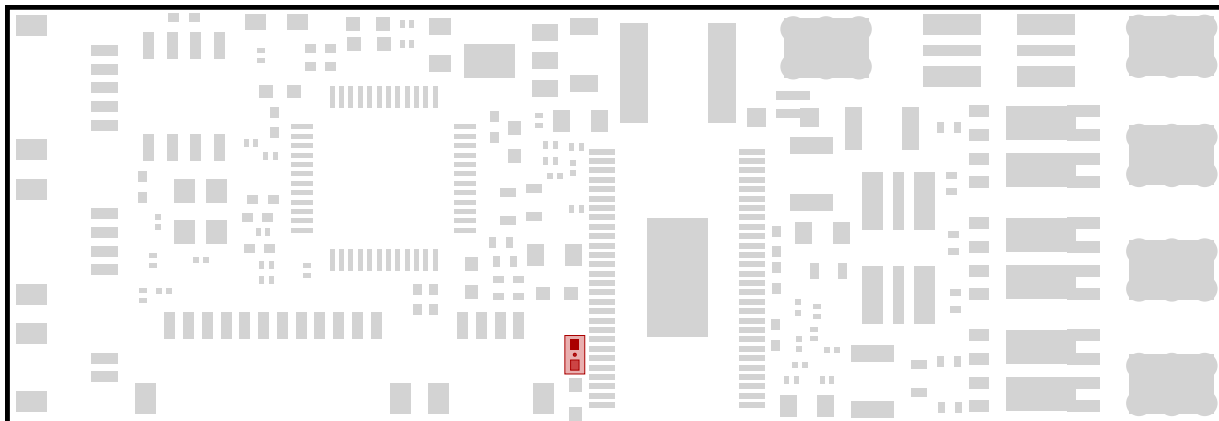
1x 220k, R_0201

R22

1x 1u, C_0402

C11

1x 3k3, R_0201

R17

1x 22n, C_0603

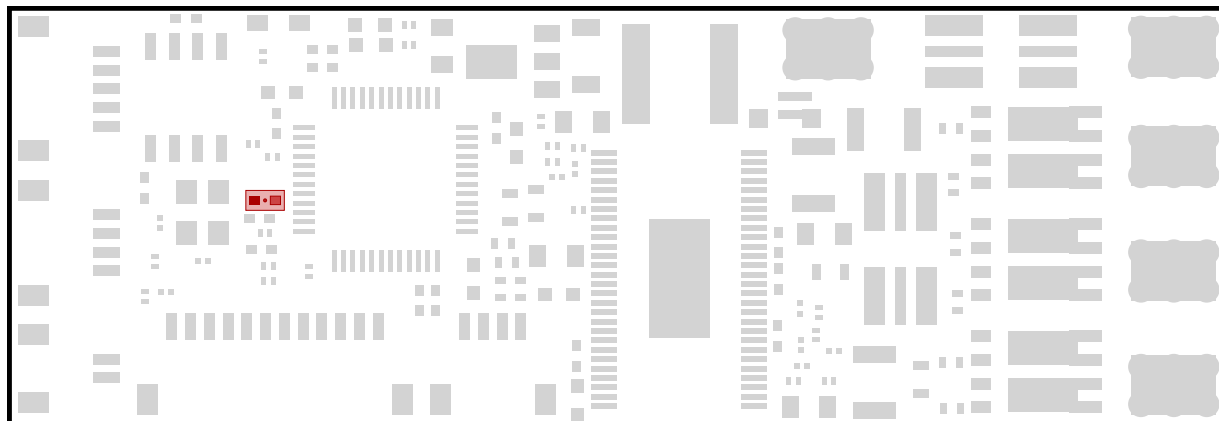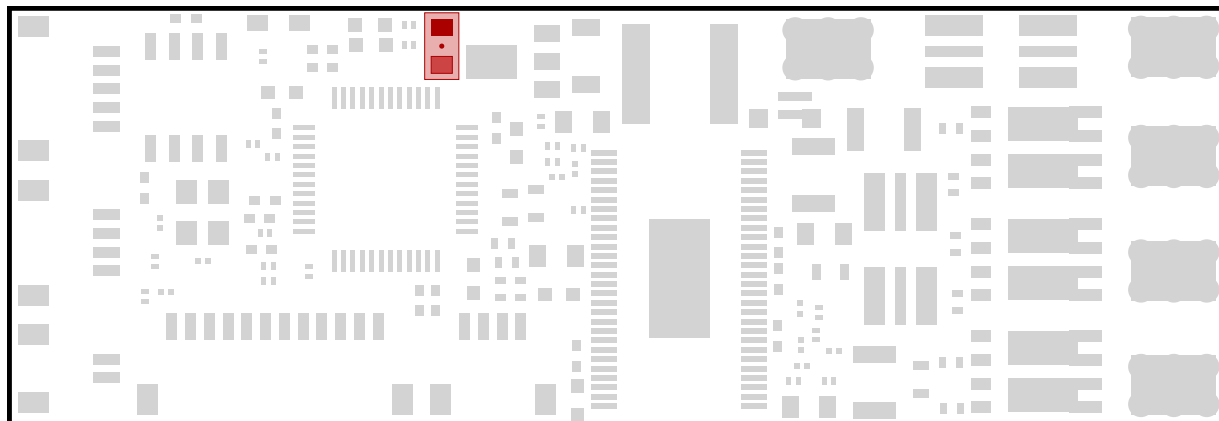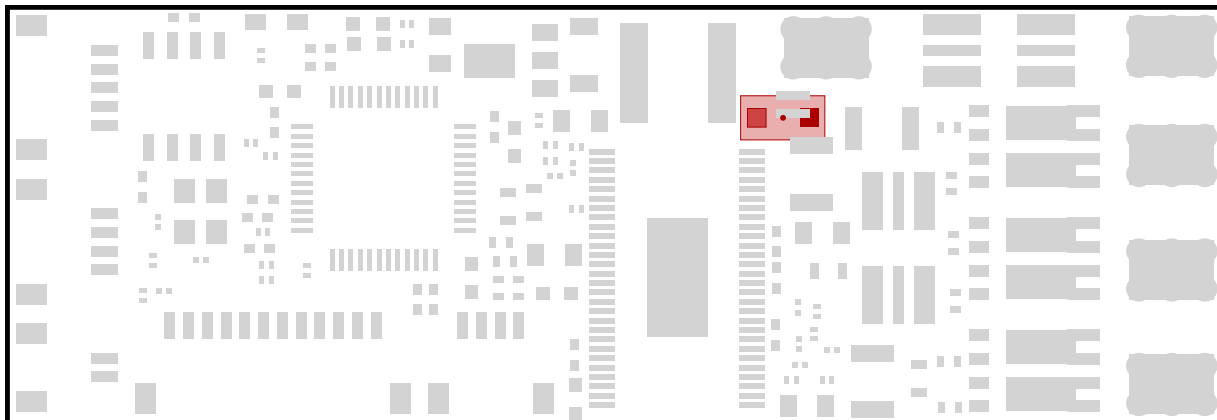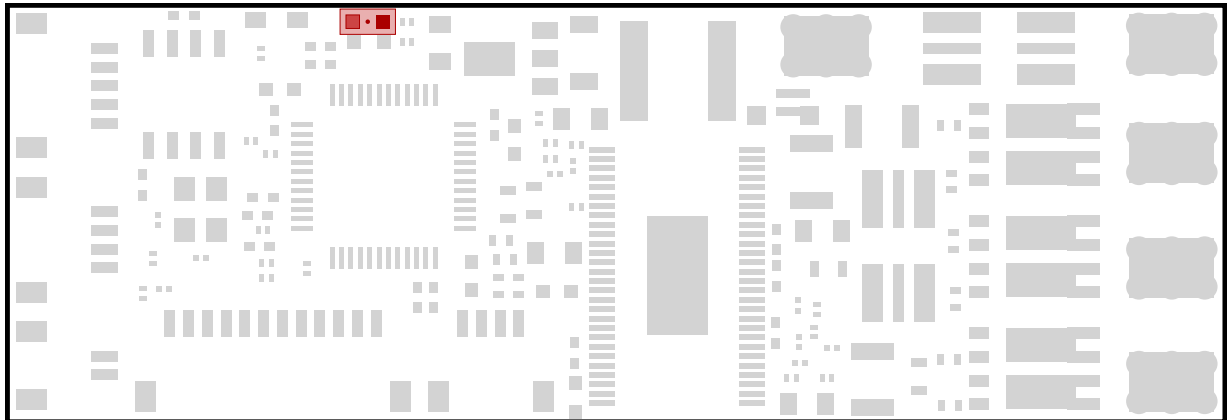C20

1x 2.2u, C_0402

C16
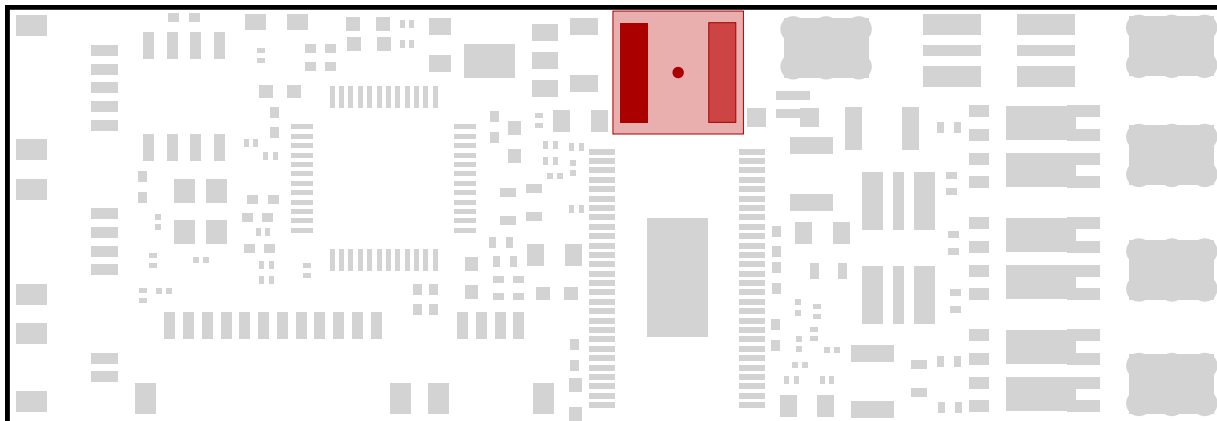
1x 10n, C_0402

C10

1x 22u, C_0805

C23

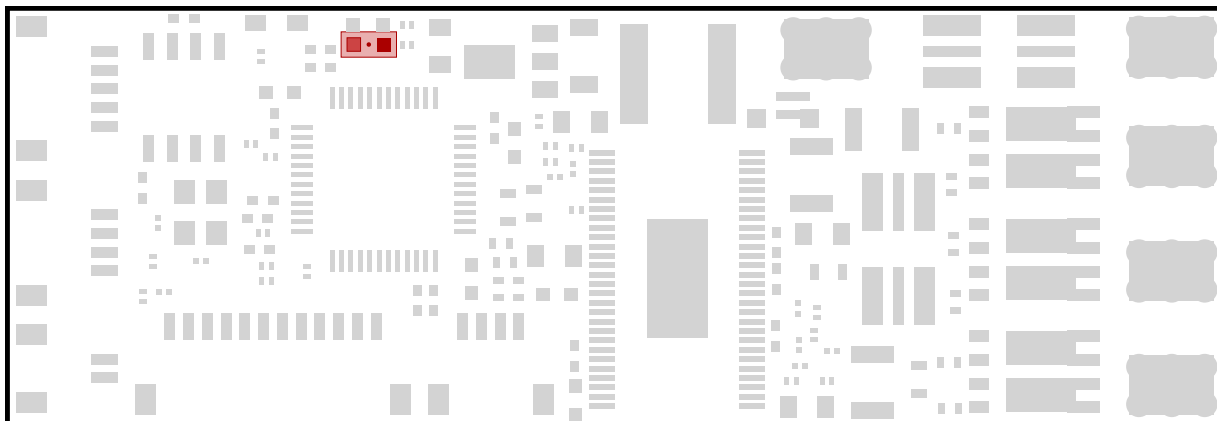1x D_Schottky, D_SOD-123F

D3

1x LED-GREEN, LED_0603
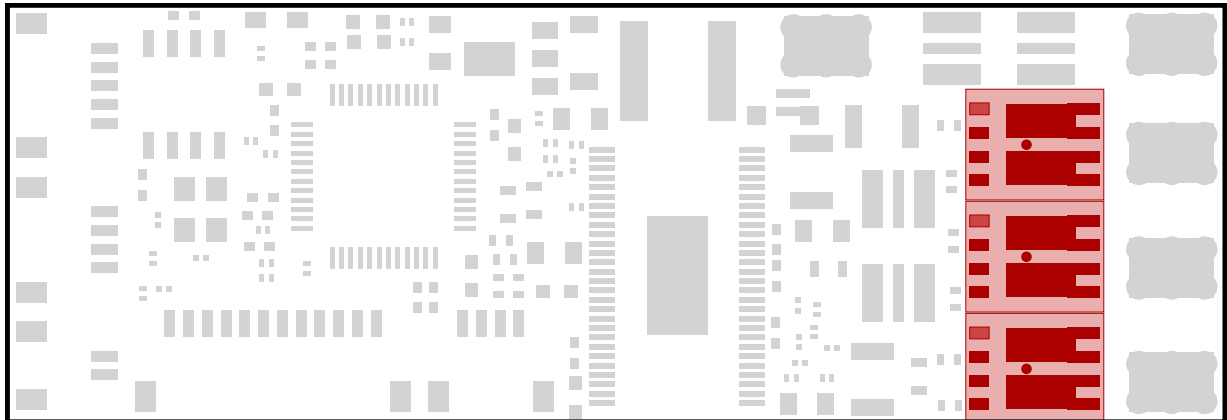
D1

1x 22u, Inductor_Taiyo-Yuden_NR-60xx

L1

1x LED-RED, LED_0603
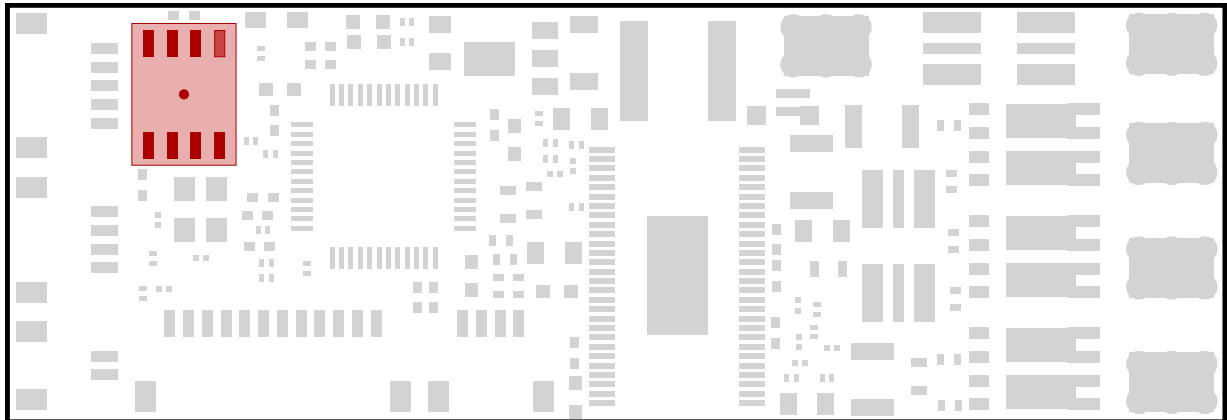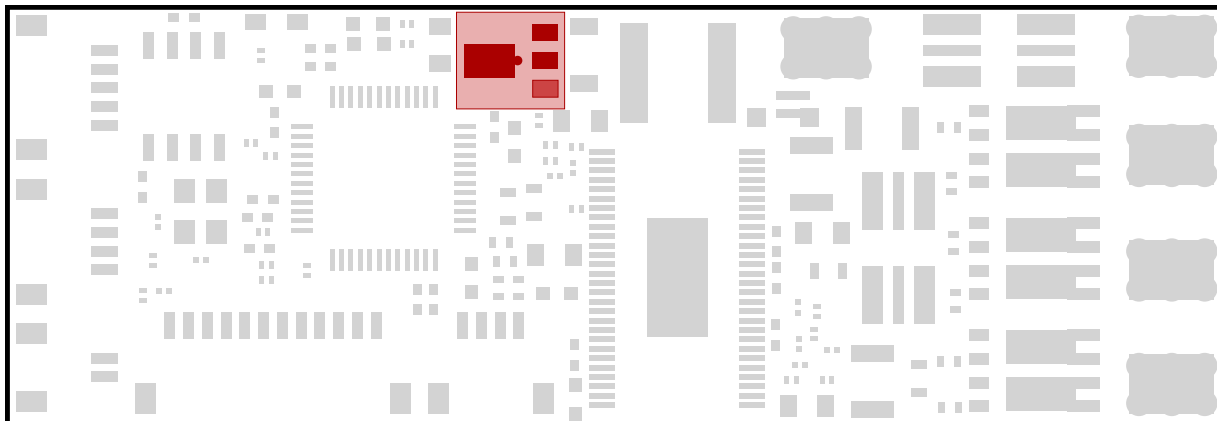

D2

3x BUK7K13-60E, SOT-1205_open_vias

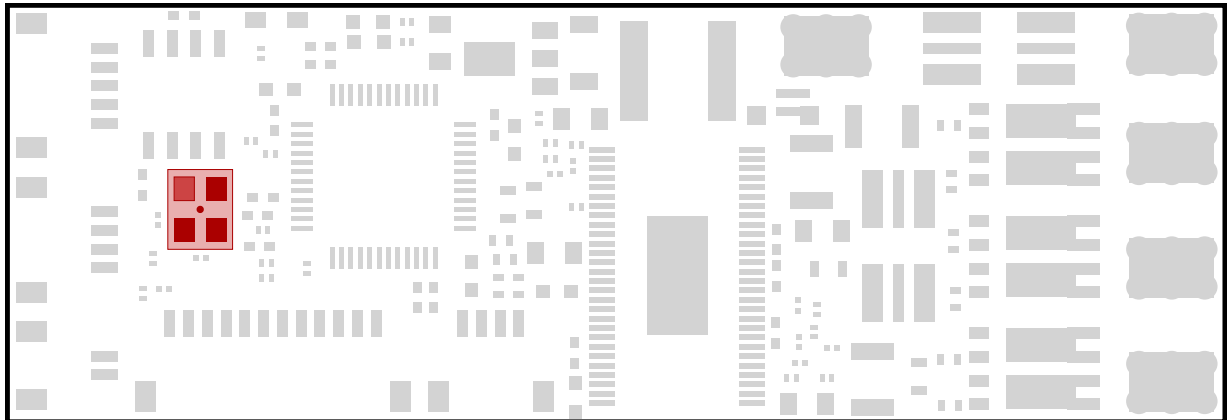Q1, Q2, Q3

1x MCP2562-E/SN, SOIC-8_3.9x4.9mm_Pitch1.27mm

U4

1x AZ1117C, SOT89-3_Housing

U2
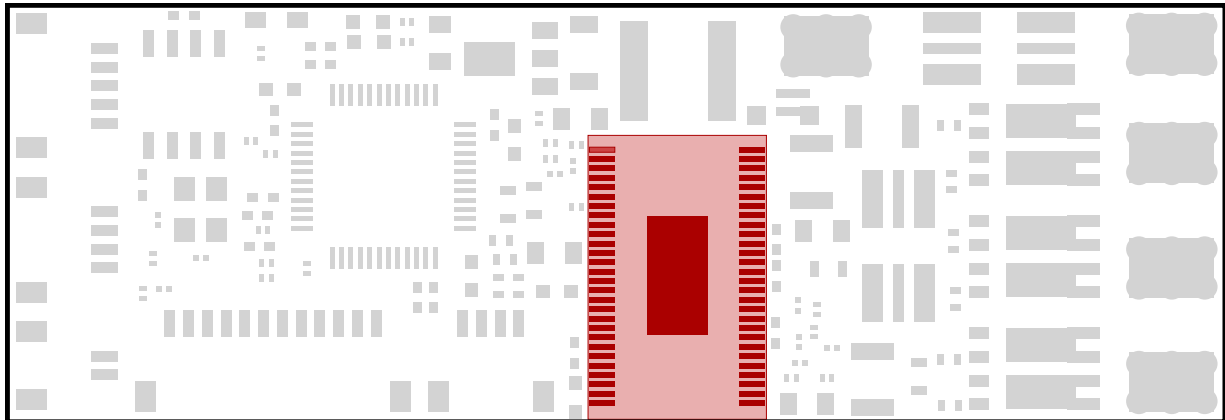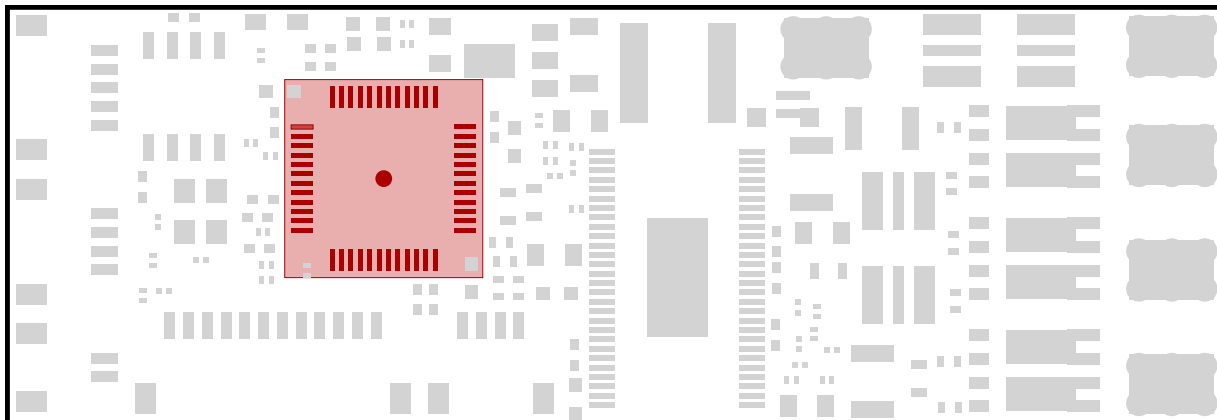
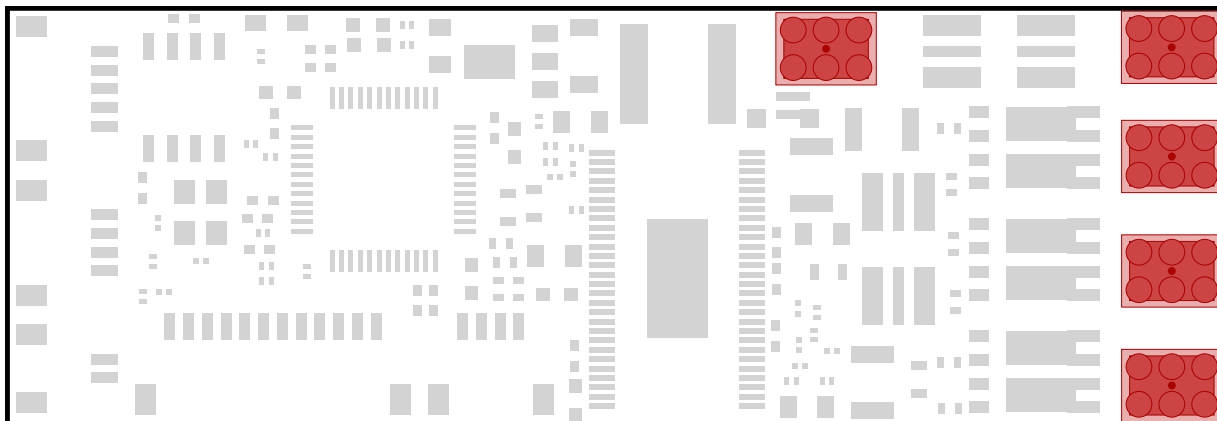1x 16MHz, Crystal_SMD_3225-4pin_3.2x2.5mm

Y1

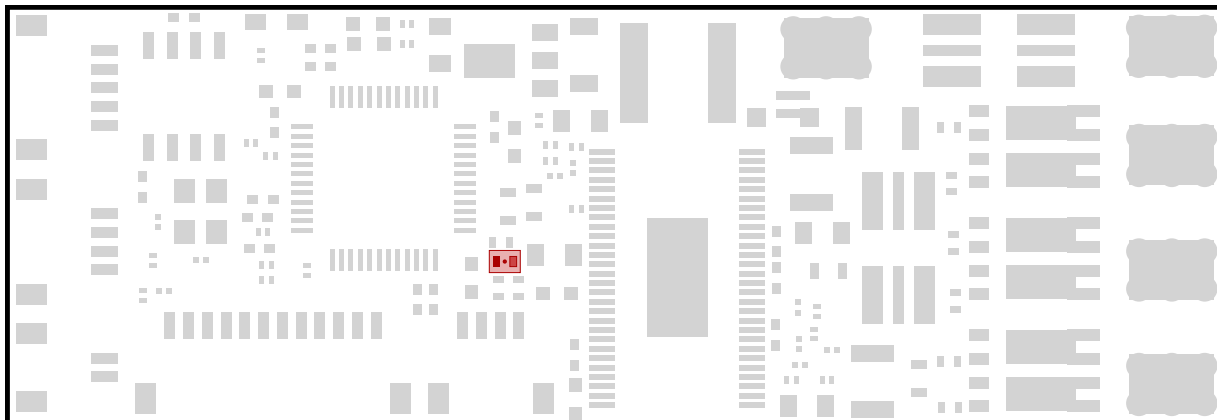1x DRV8301, TSSOP-56-PP

U3

1x STM32F042C6T6, LQFP-48_7x7mm_Pitch0.5mm
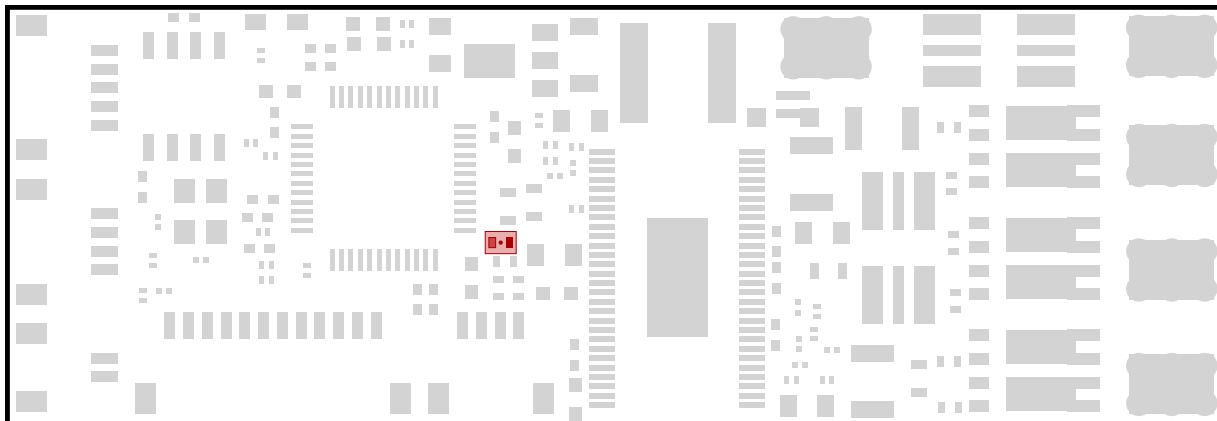
U1

5x CONN_01X01, SolderWirePad_single_SMD_5x3.5mm_holes

J3, J4, J5, J8, J9

1x Jumper_NC_Small, R_0402

JP3

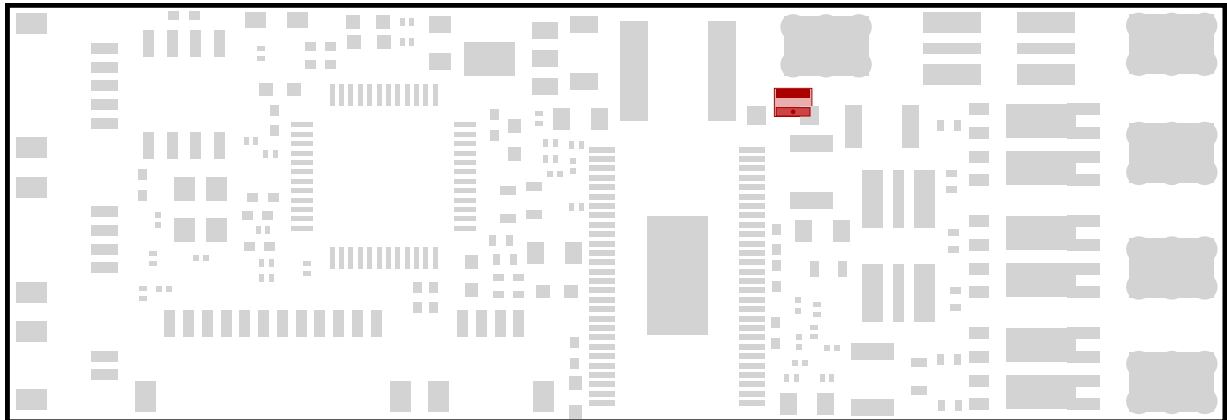1x Jumper_NO_Small, R_0402

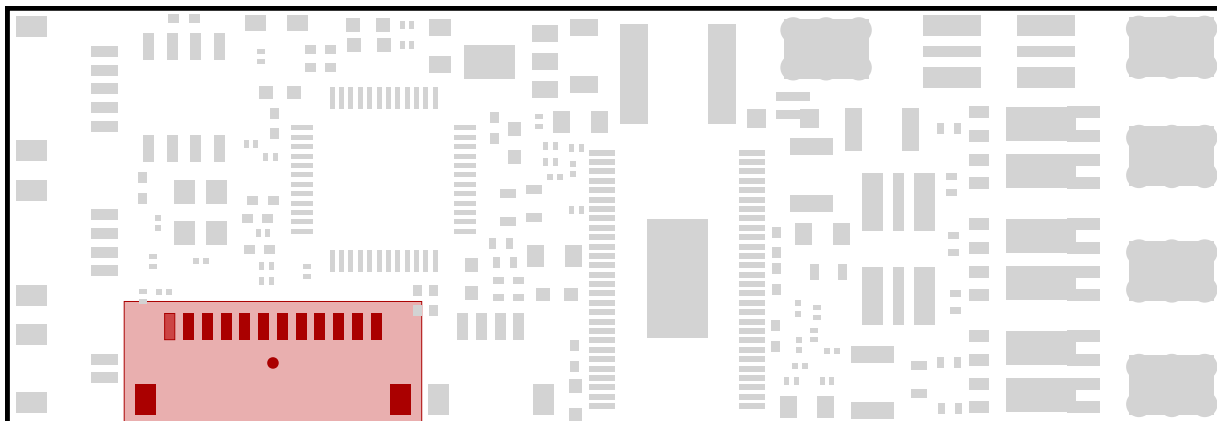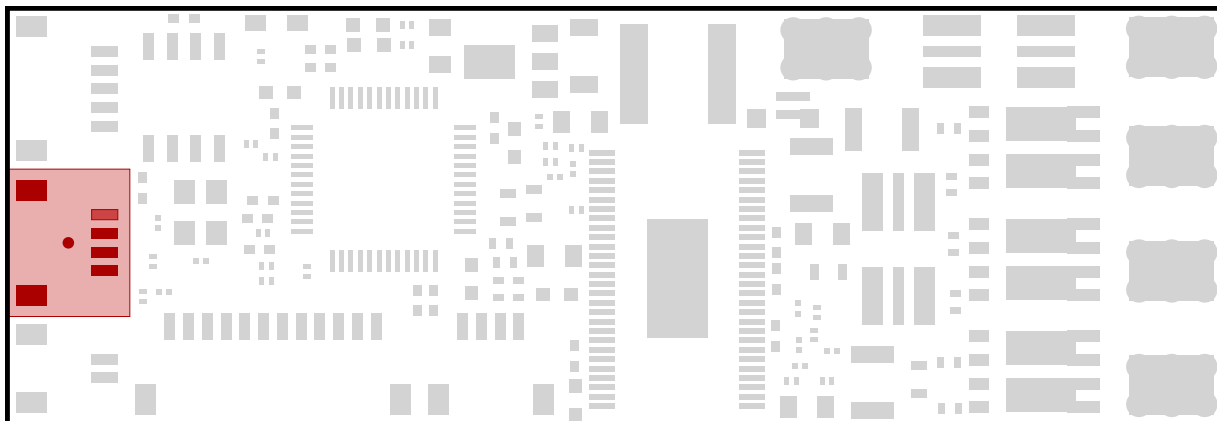JP2

1x Tie, NetTie-I_Connected_SMD
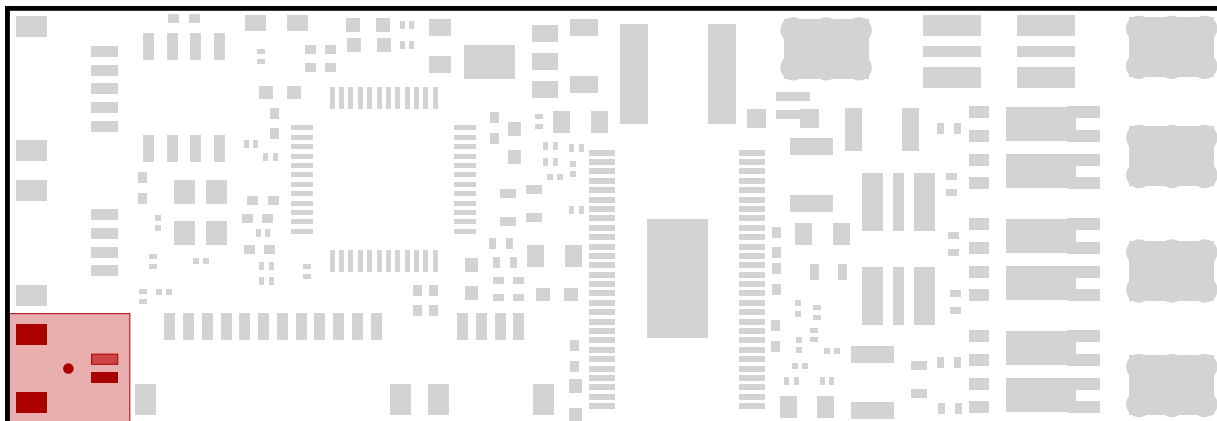
JP4

1x More IO, JST_SH_SM12B-SRSS-TB_12x1.00mm_Angled
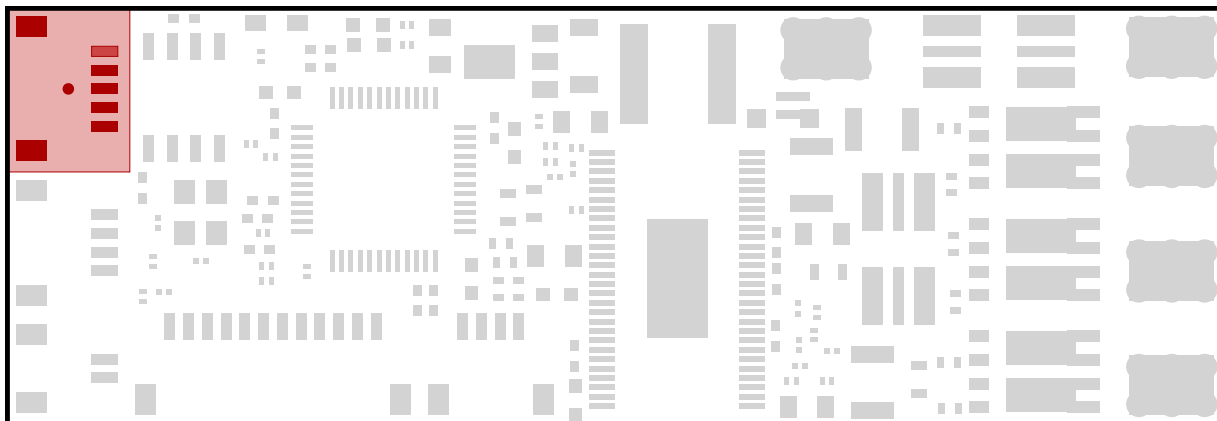
J1

1x CAN, JST_SH_SM04B-SRSS-TB_04x1.00mm_Angled

J6

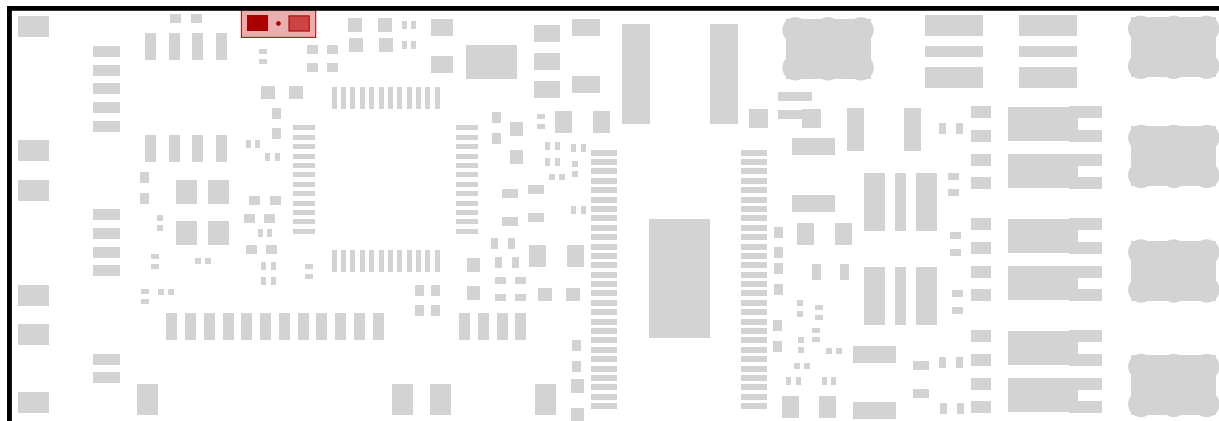1x TEMP, JST_SH_SM02B-SRSS-TB_02x1.00mm_Angled
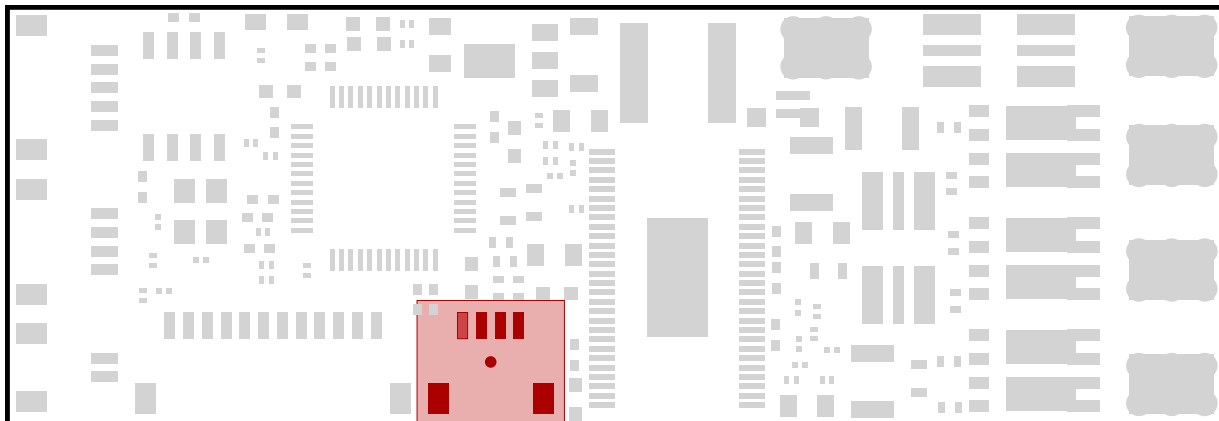
J2

1x SWD, JST_SH_SM05B-SRSS-TB_05x1.00mm_Angled

P2

1x Boot Mode, R_0603_jumper

JP1

1x I2C, JST_SH_SM04B-SRSS-TB_04x1.00mm_Angled

J7