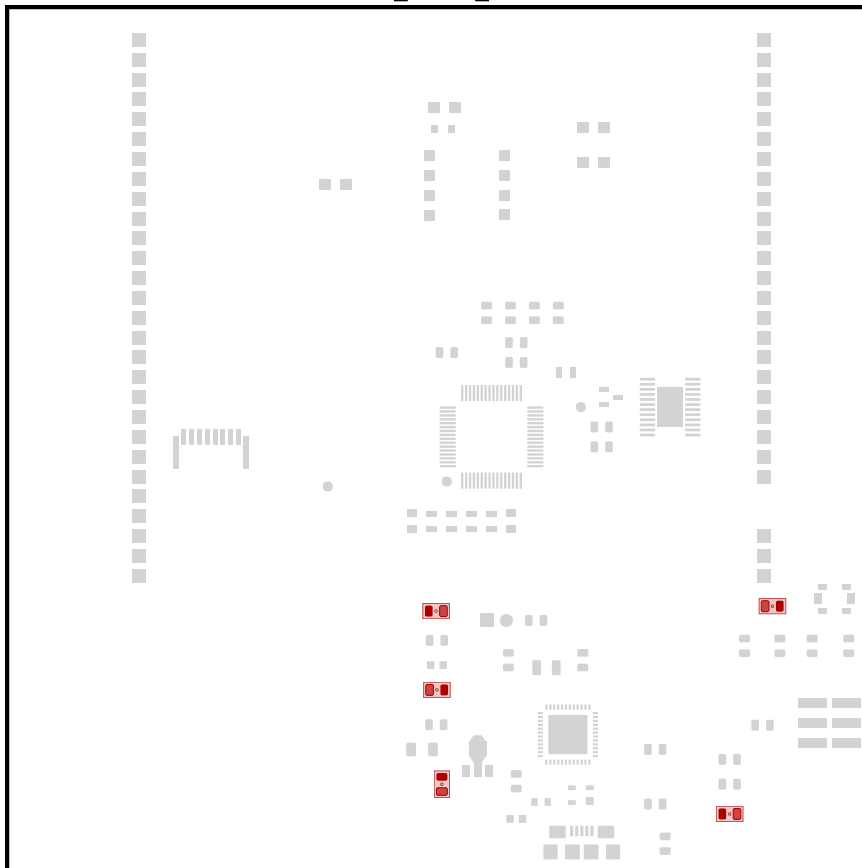
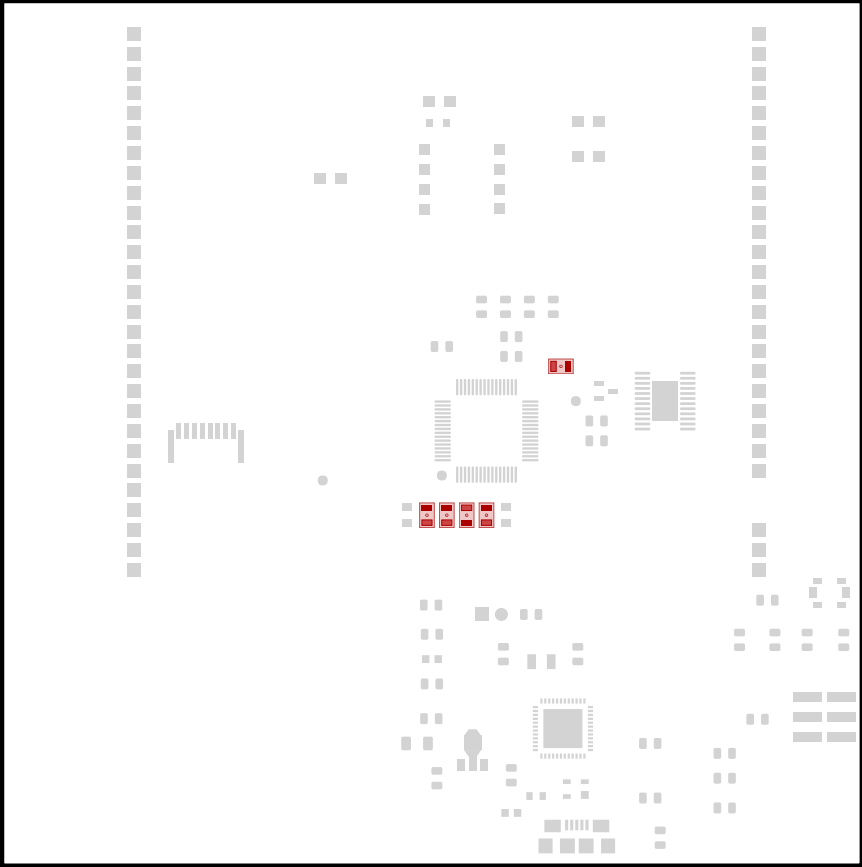


5x 100nF, C\_0805\_2012Metric



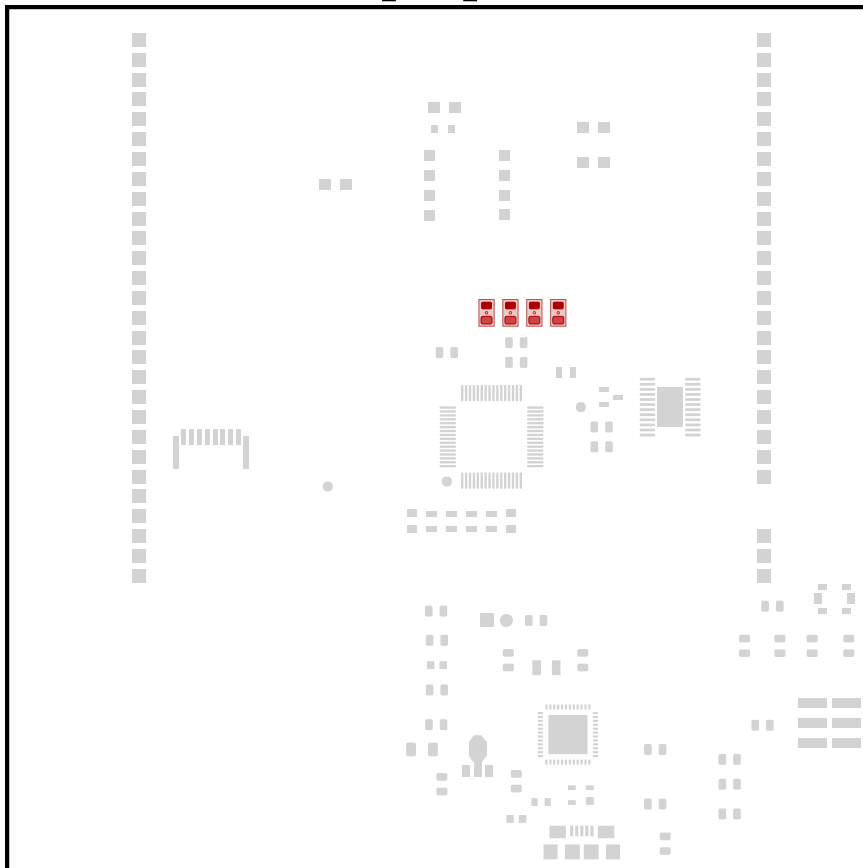
C3, C13, C15, C16, C17

5x 4.7k, R\_0805



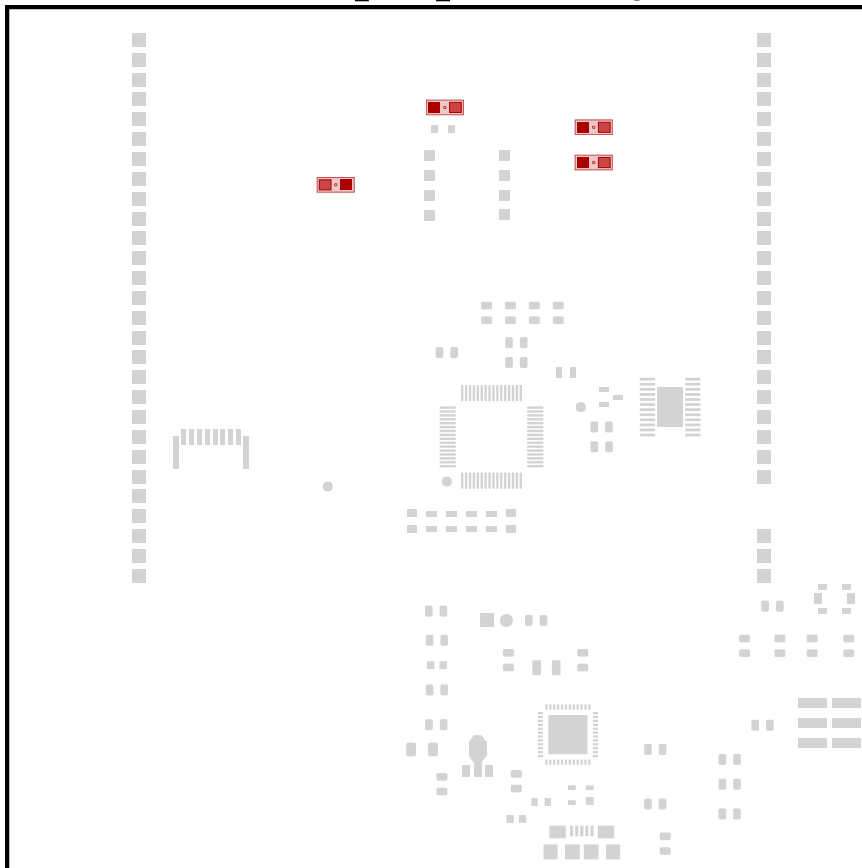
R32, R33, R34, R35, R37

4x 0.1u, C\_0805\_2012Metric



C21, C22, C23, C24

4x 220, R\_0805\_HandSoldering

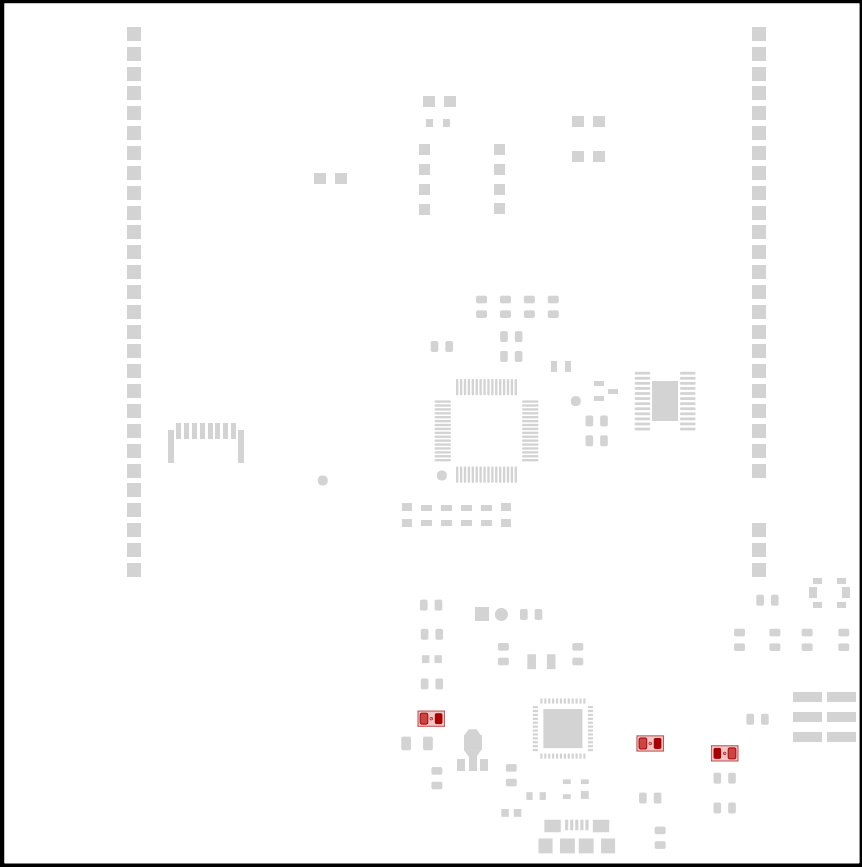


R38, R39, R40, R41

This diagram illustrates a complex microchip layout. It features a central processing area with various functional blocks, including a large square block with internal patterns, several rectangular blocks of different sizes, and a circular component. The layout is surrounded by peripheral structures, including a long vertical strip of small squares on the left and right sides, and a series of horizontal bars at the bottom. The entire design is composed of black lines and shapes on a white background, representing the physical design of the chip.

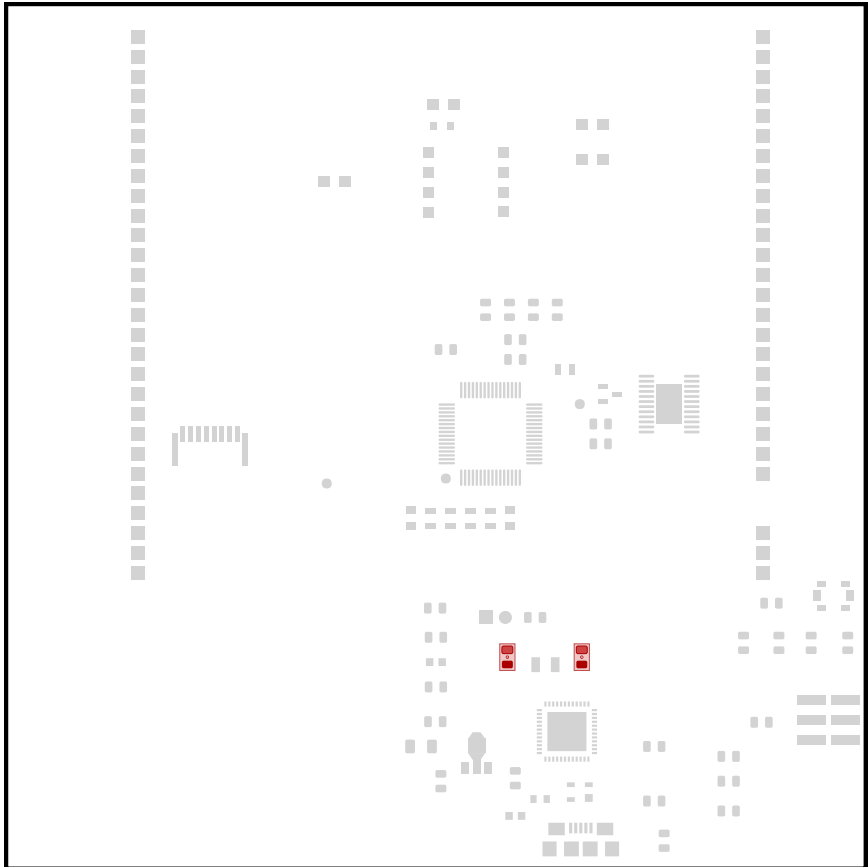
R3, R6, R7

3x 1uF, C\_0805\_2012Metric



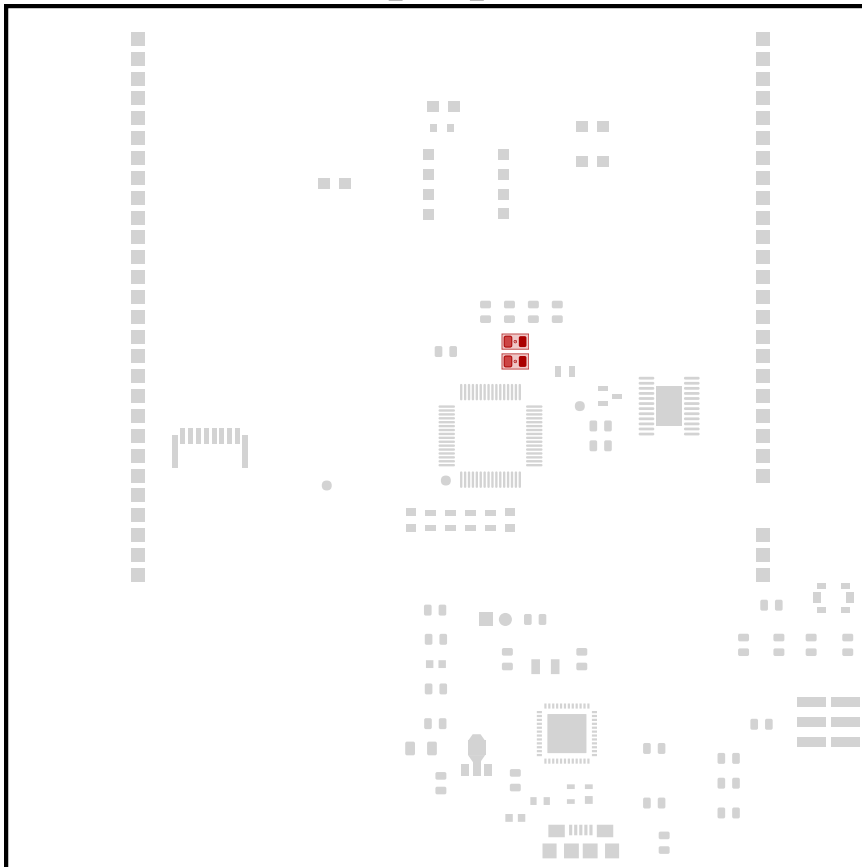
C14, C19, C20

2x 20pF, C\_0805\_2012Metric



C4, C5

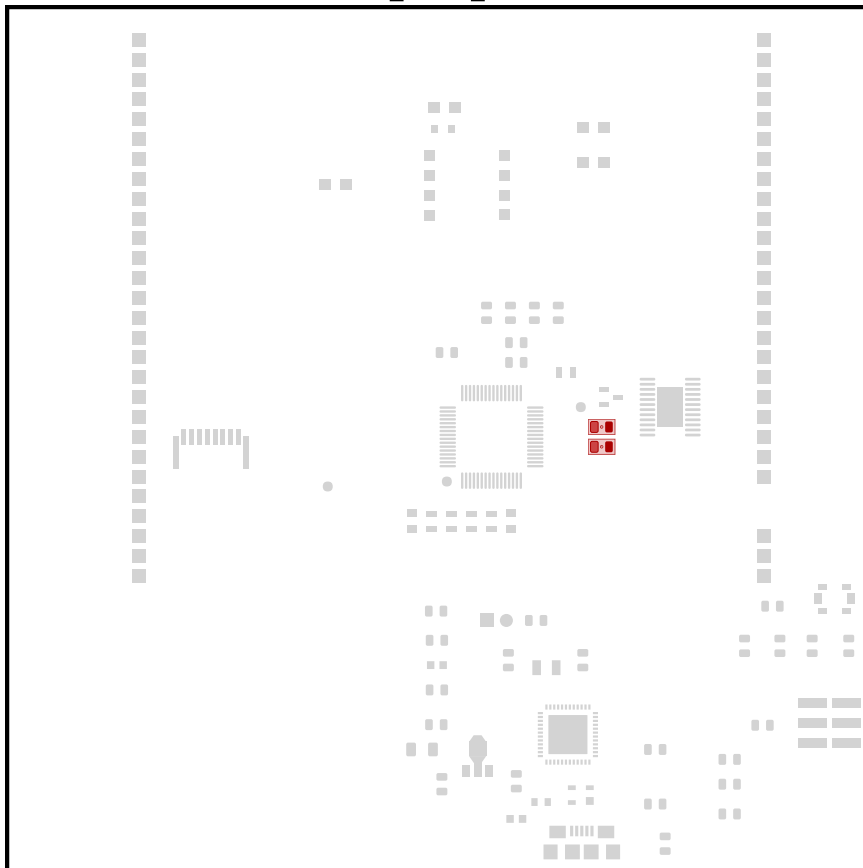
2x 1.0uF, C\_0805\_2012Metric



C26, C27

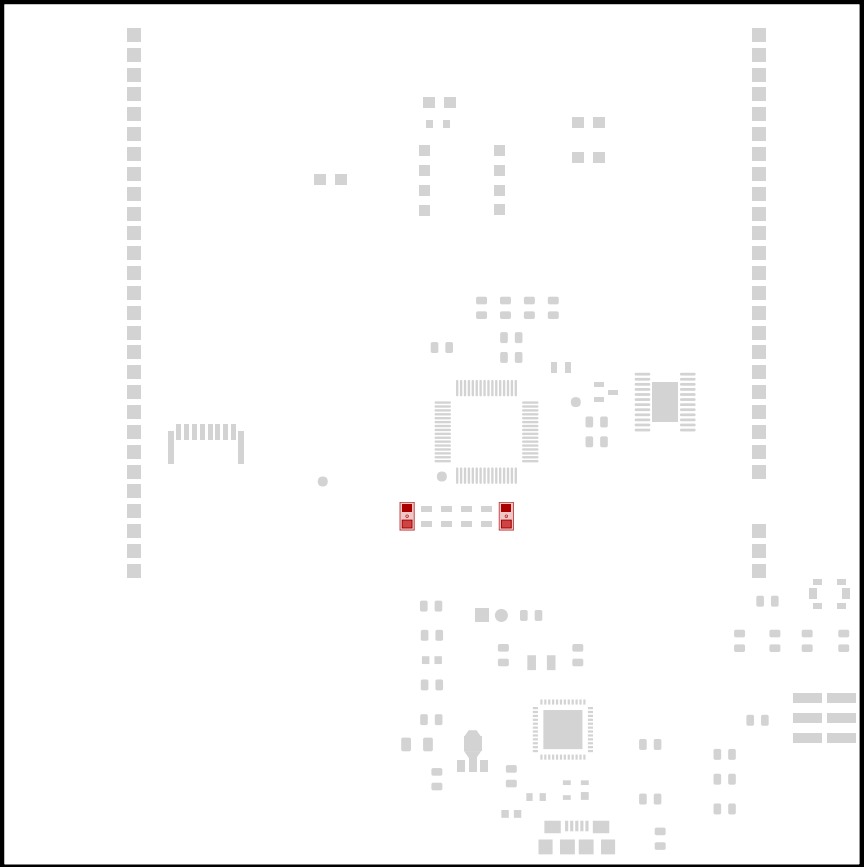


2x 0.1uF, C\_0805\_2012Metric



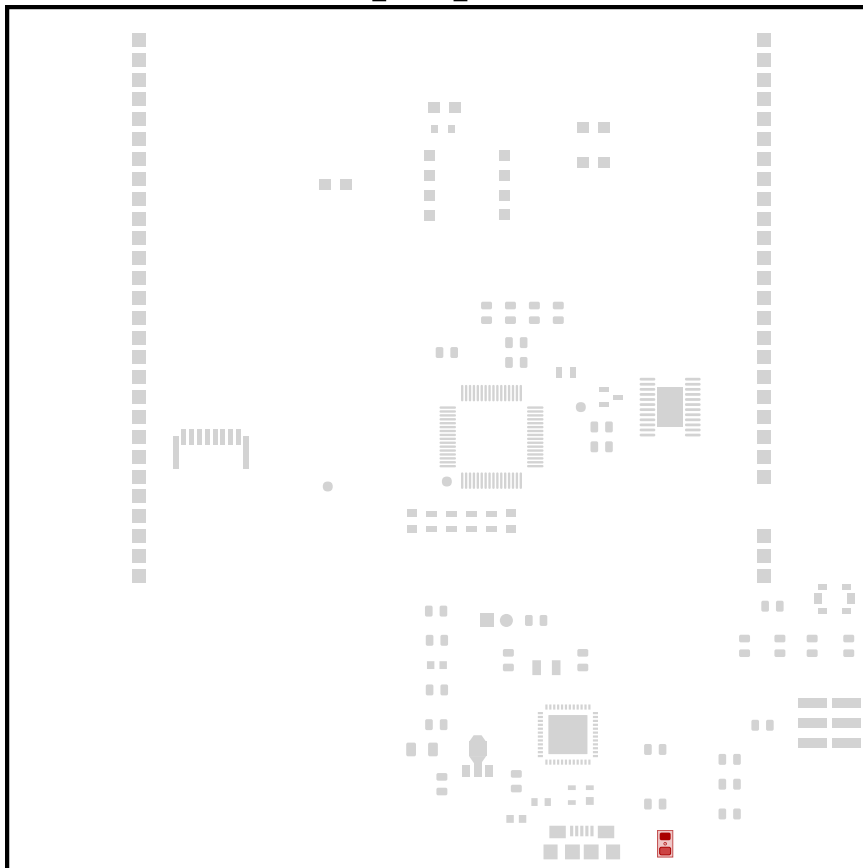
C30, C31

2x 0.1uF, C\_0805



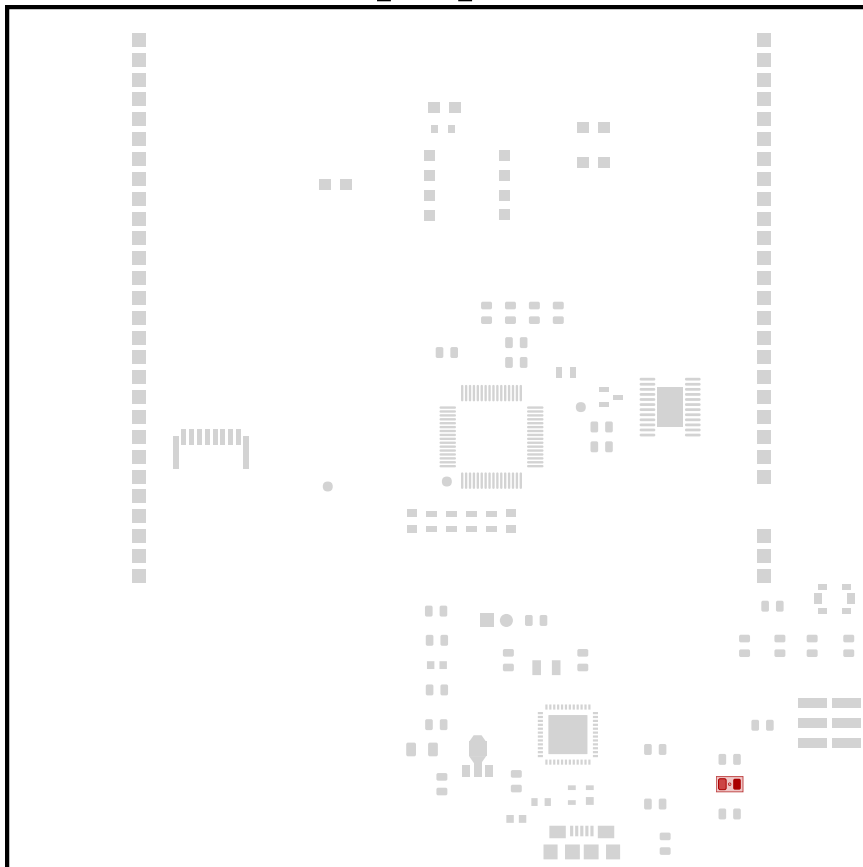
C28, C29

1x 1M, R\_0805\_2012Metric



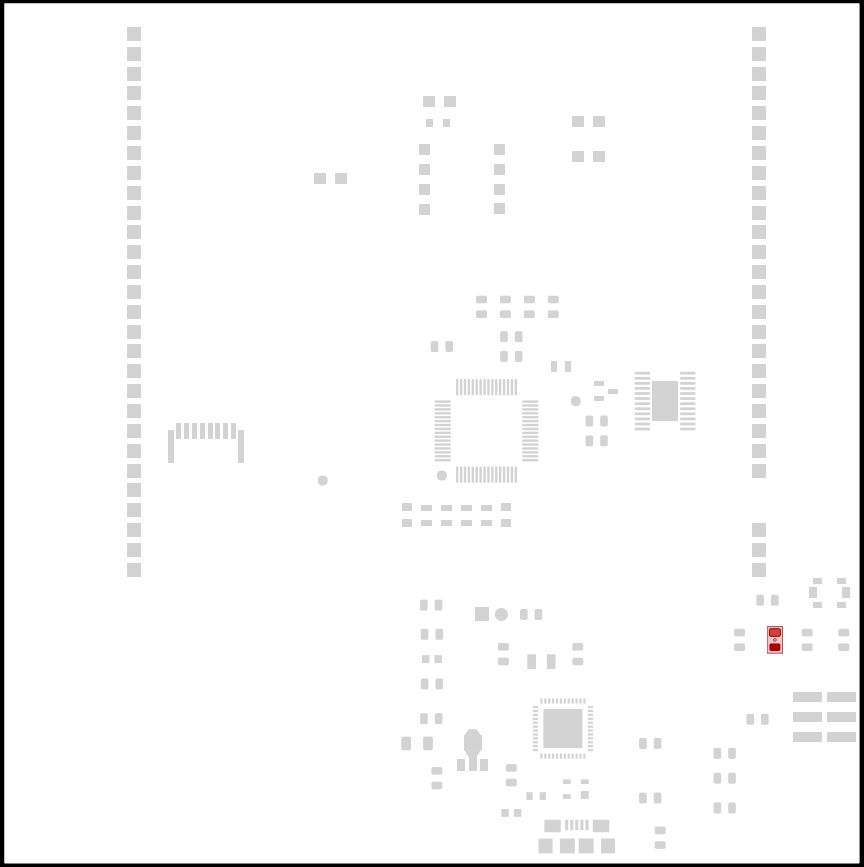
R1

1x 10k, R\_0805\_2012Metric



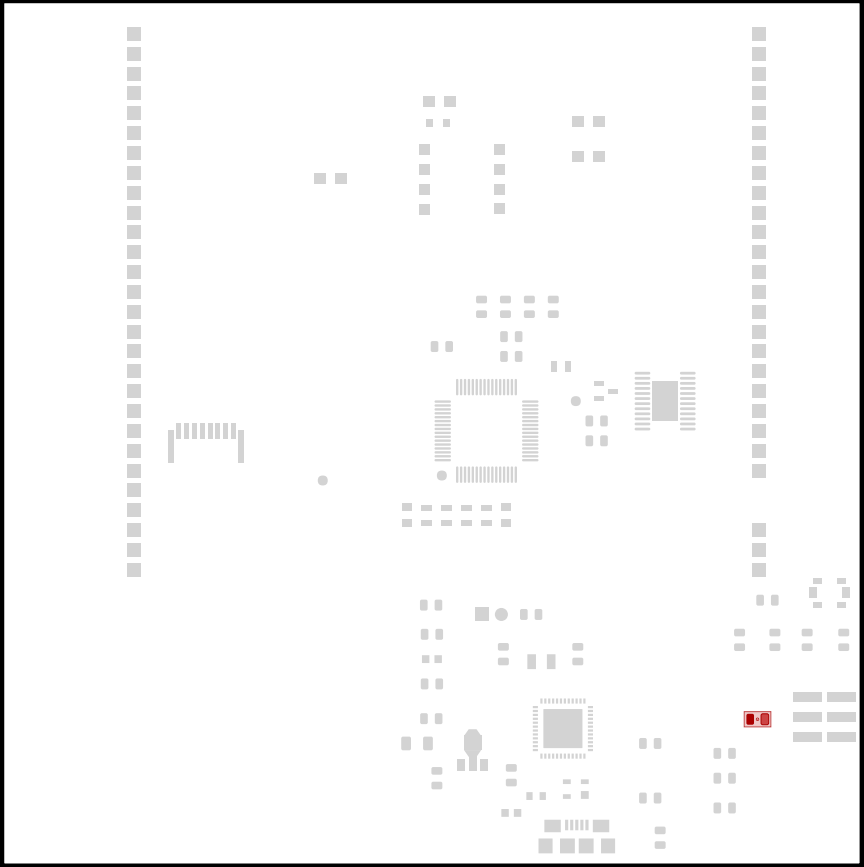
R17

1x 10K, R\_0805\_2012Metric



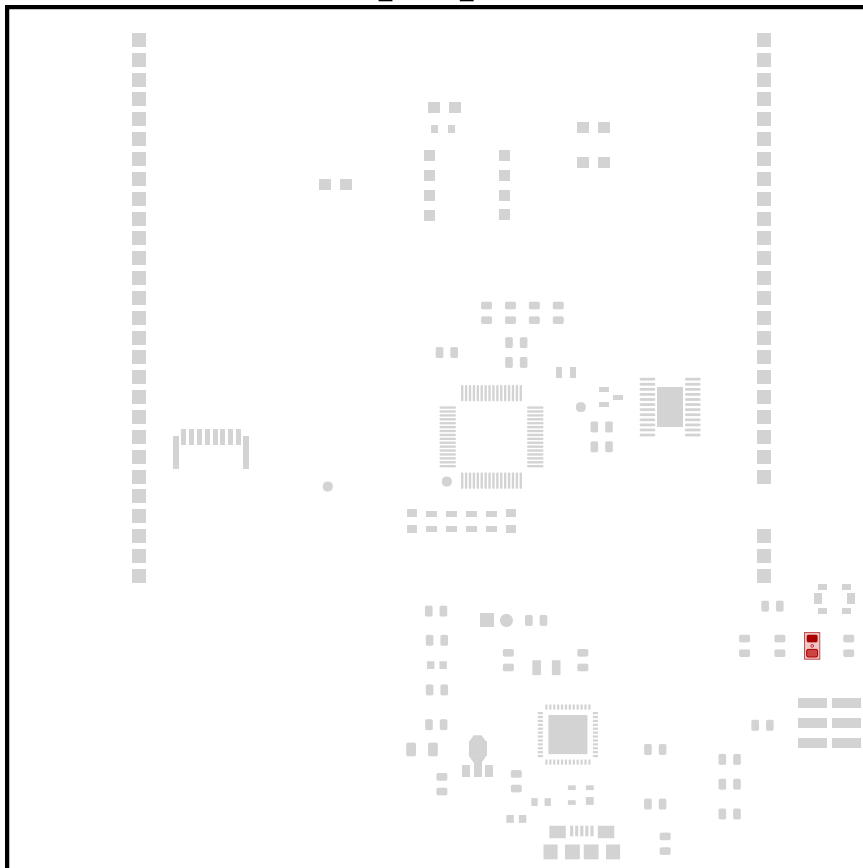
R5

1x 1K, R\_0805\_2012Metric



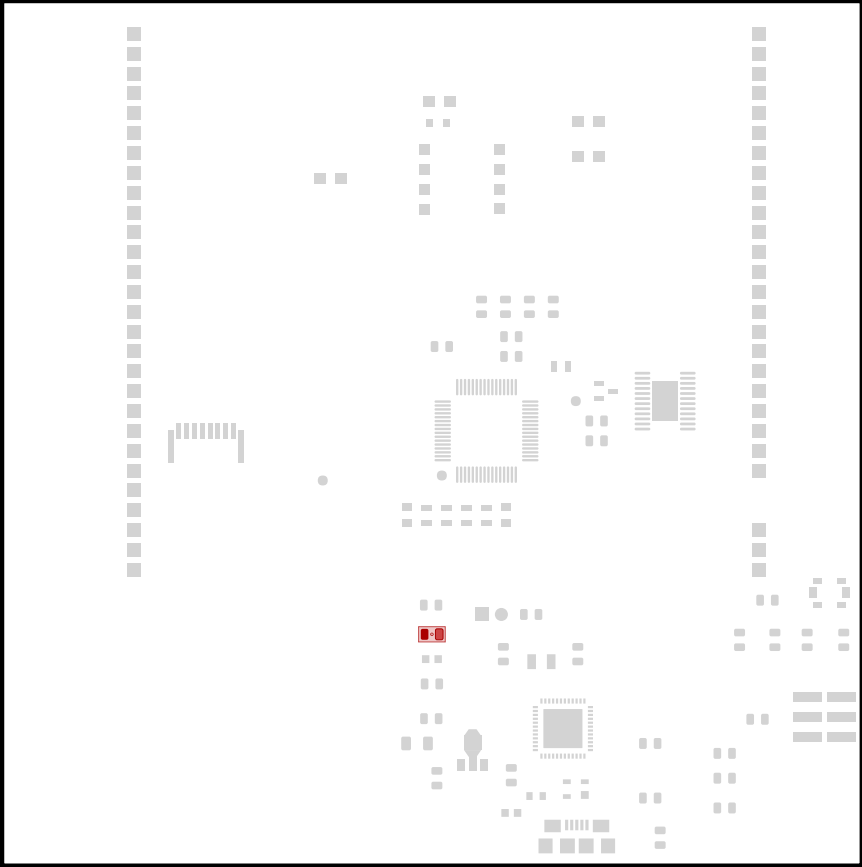
R4

1x 39R, R\_0805\_2012Metric



R2

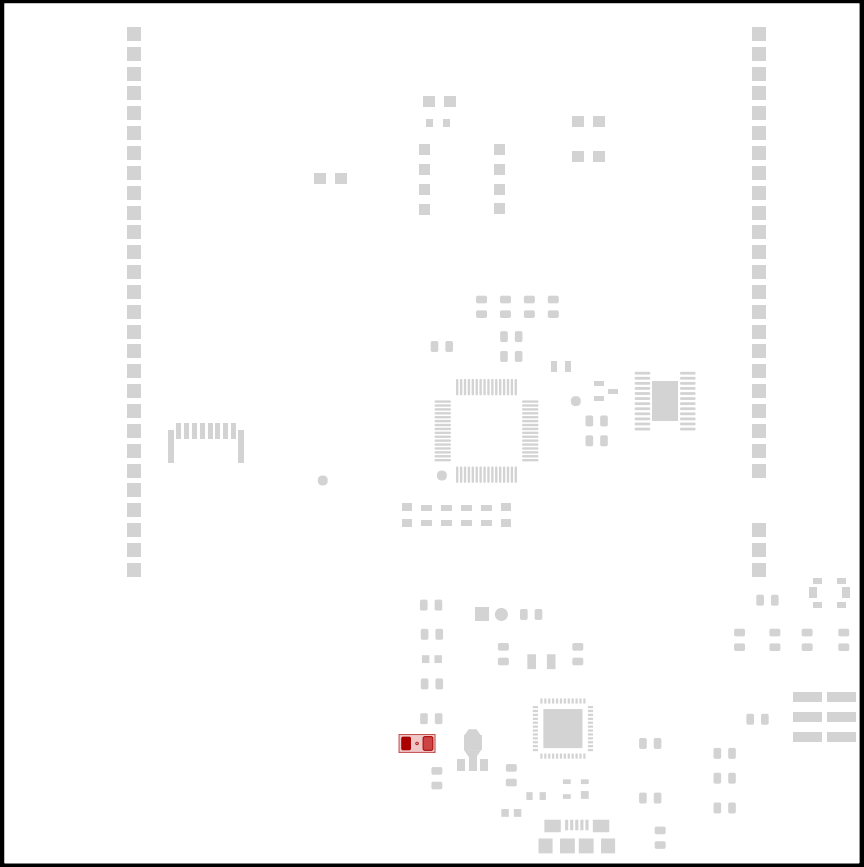
1x 4.7uF, C\_0805\_2012Metric



C18

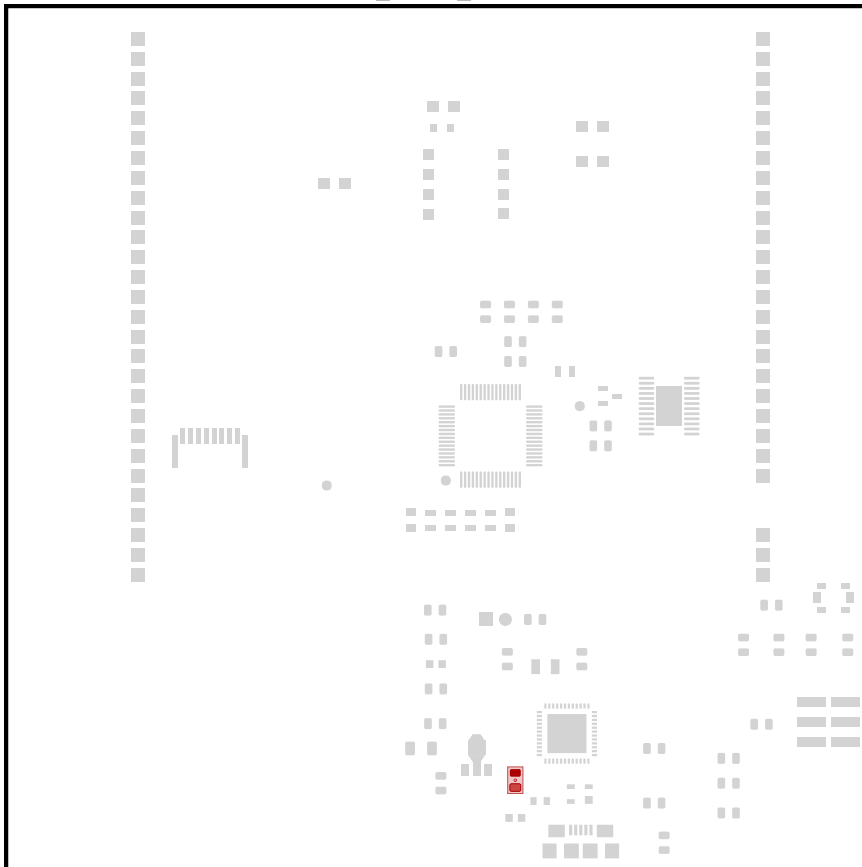


1x 1nF, C\_1206\_3216Metric



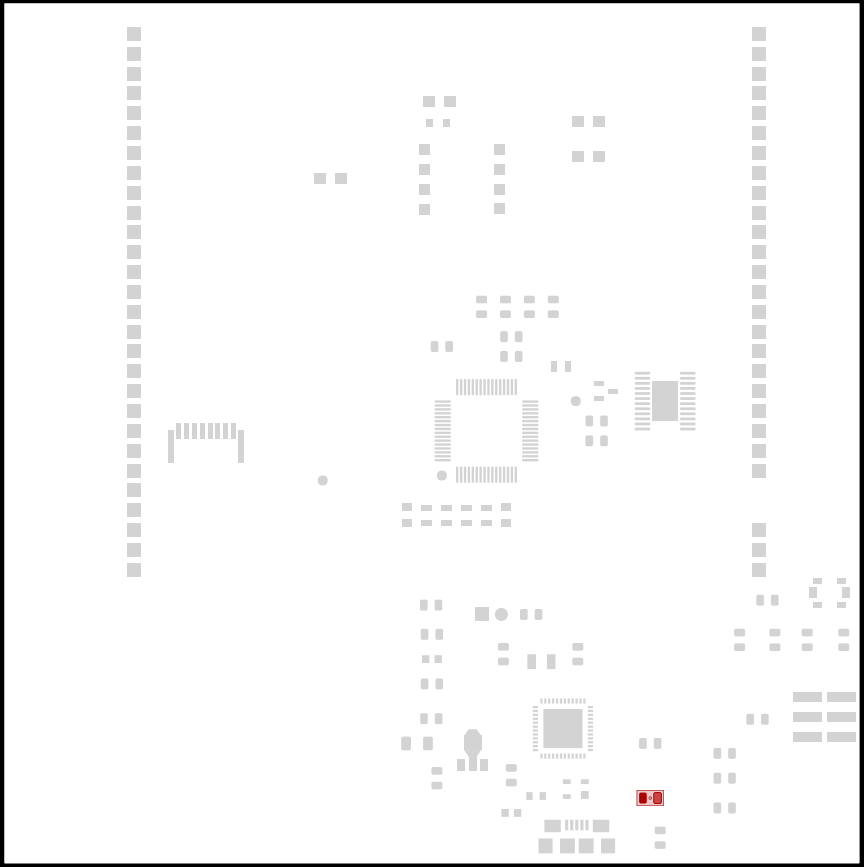
C6

1x 1nF, C\_0805\_2012Metric



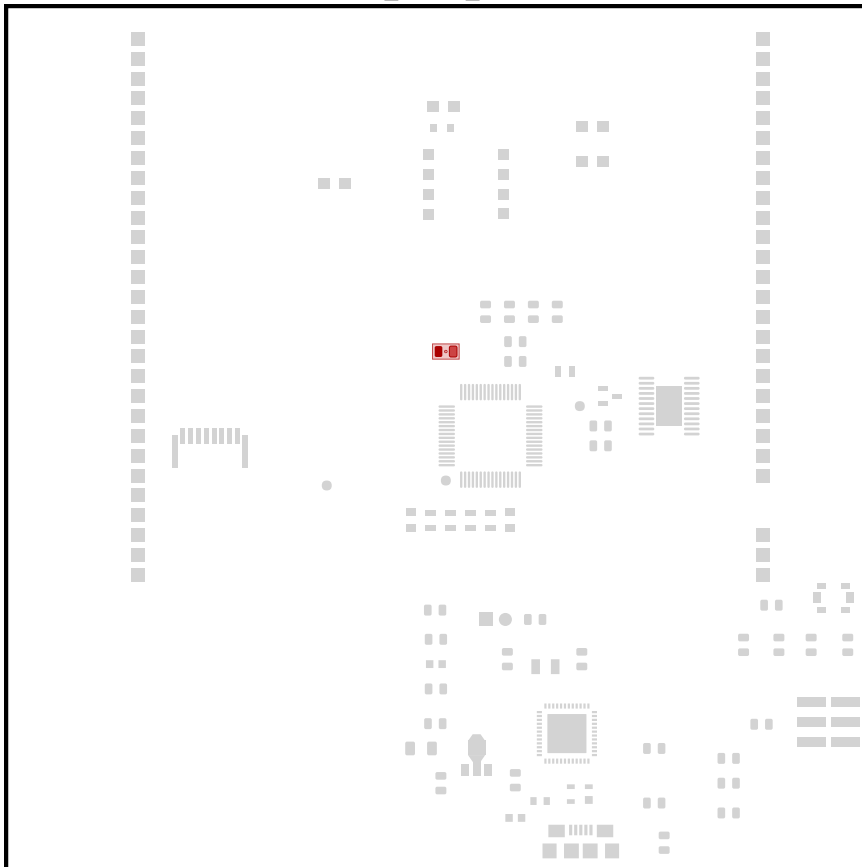
C2

1x 4.7nF, C\_0805\_2012Metric



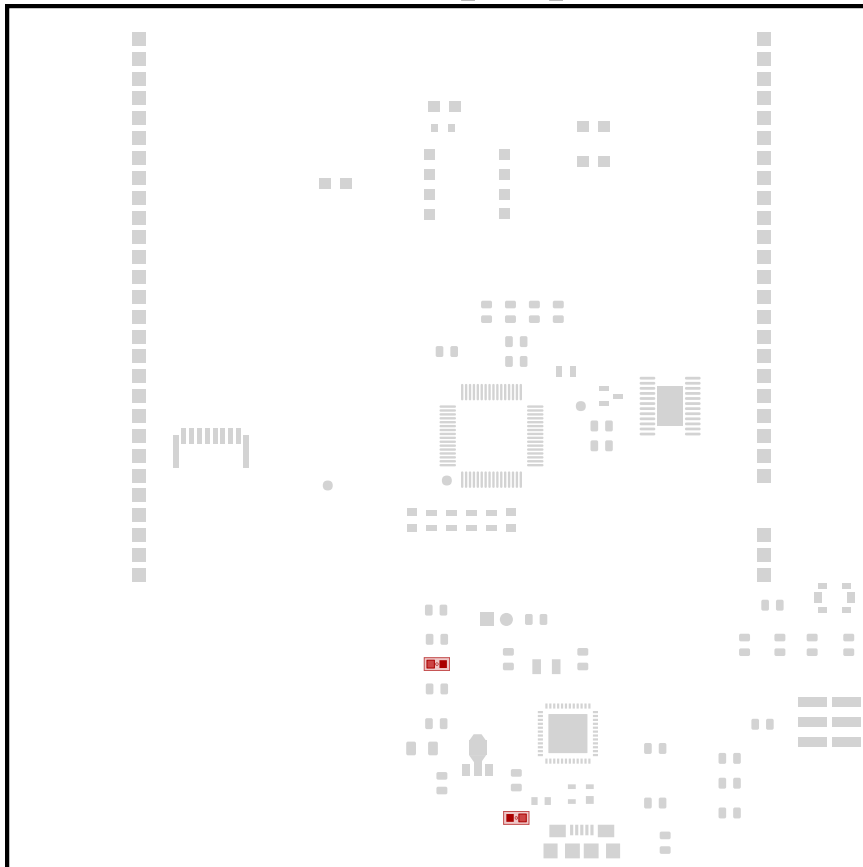
C1

1x 10uF, C\_0805\_2012Metric



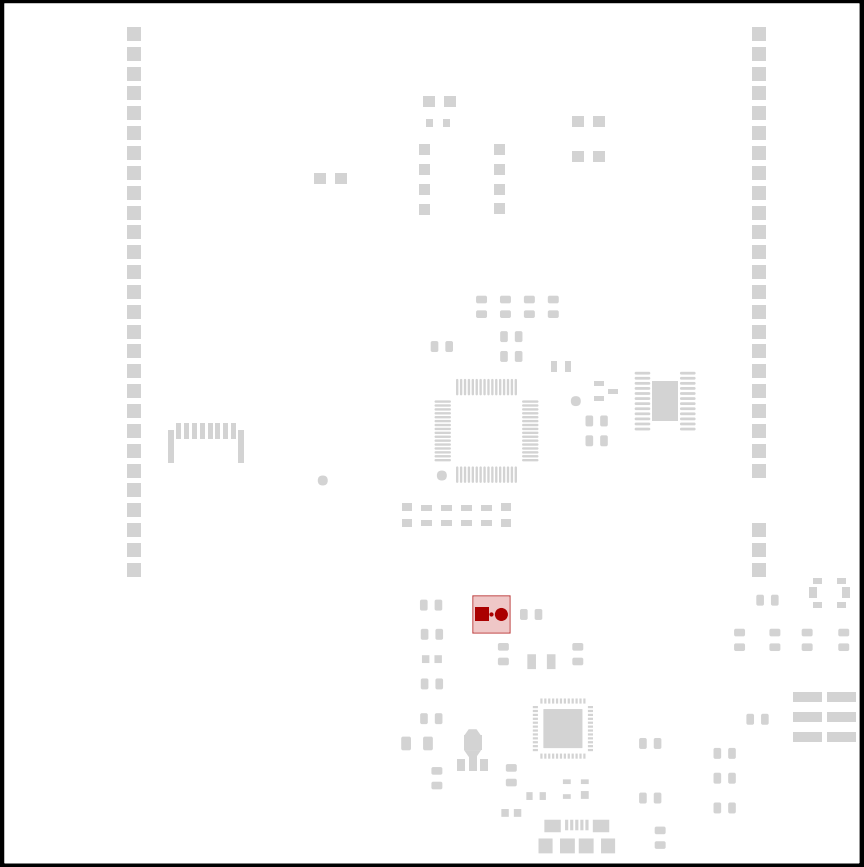
C25

2x BLM18PG471SN1D, MK1\_ZERO\_0603-1608X90N



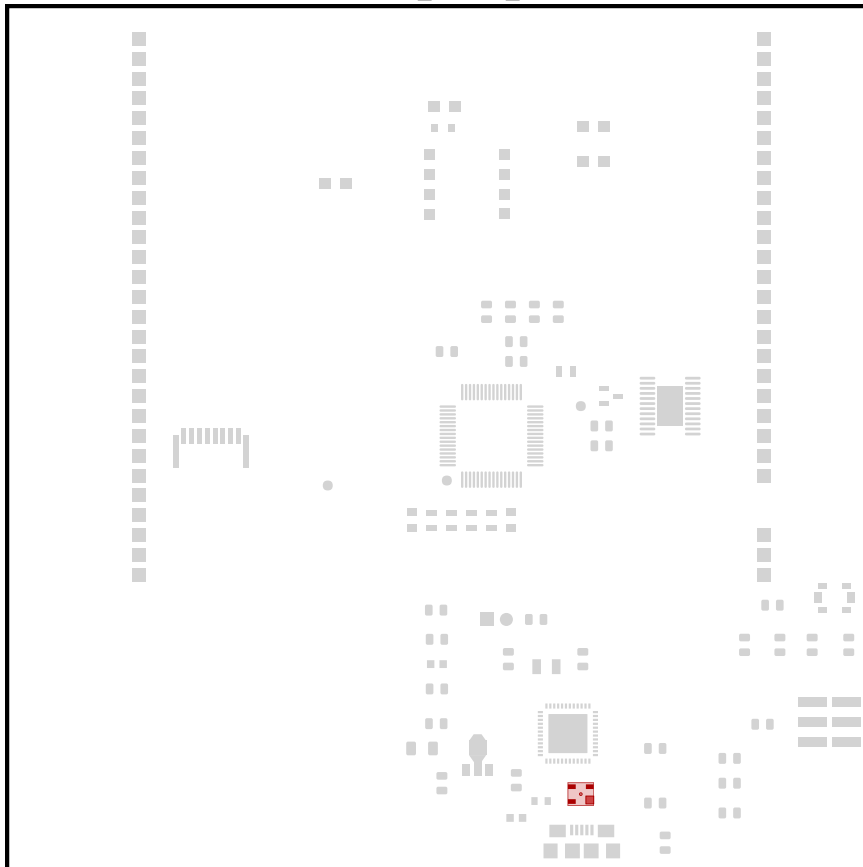
L1, L2

1x LED, LED\_RADIAL\_3MM



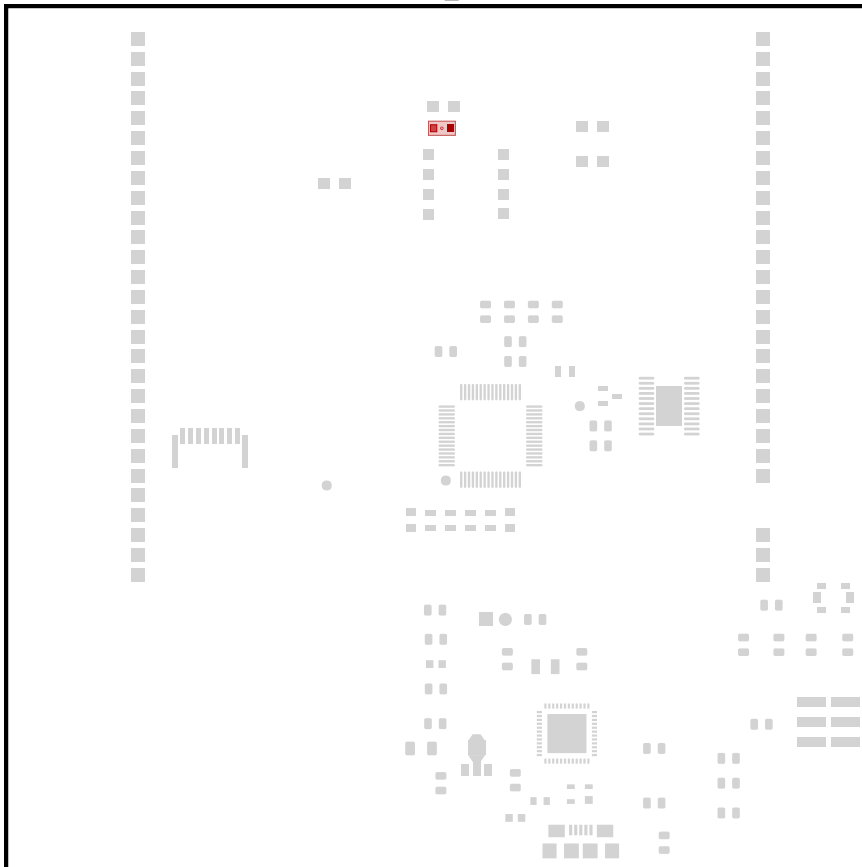
D2

1x PRTR5V0U2X,215, MK1\_ZERO\_SOT190P230X110-4N



D1

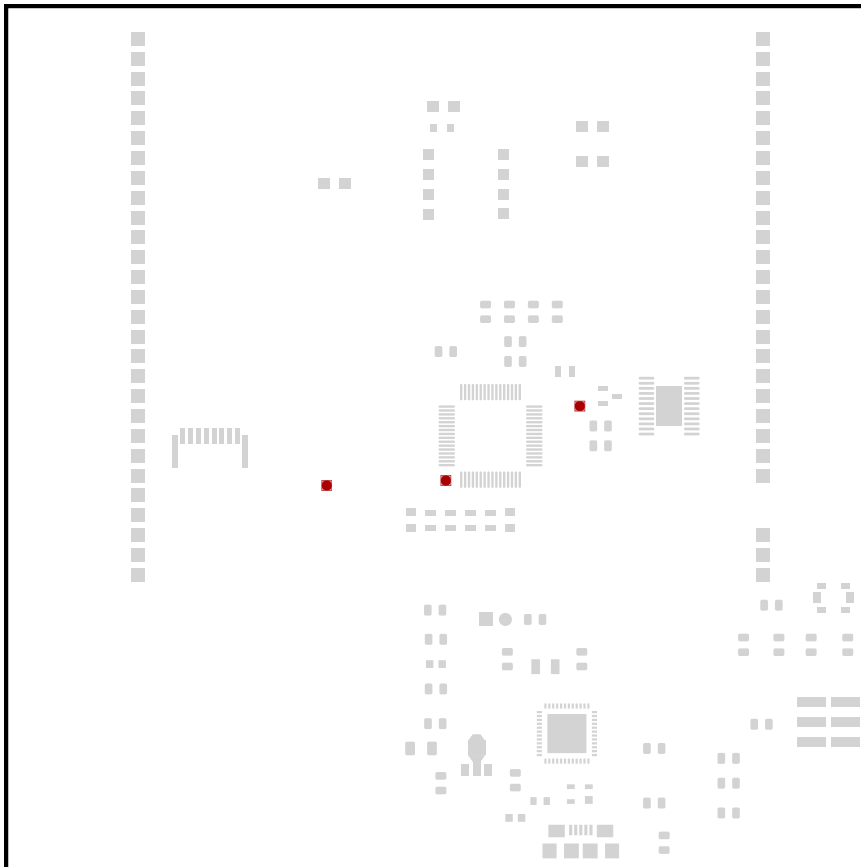
1x D, D\_0805



D3

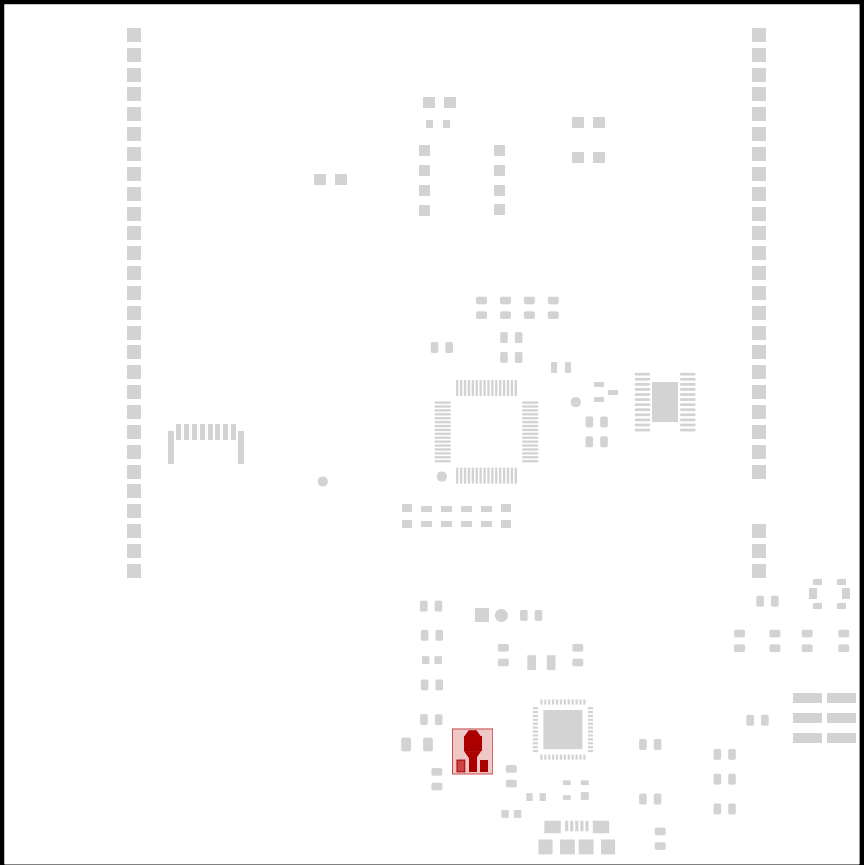


3x TEST-POINT3X5, PAD.03X.05



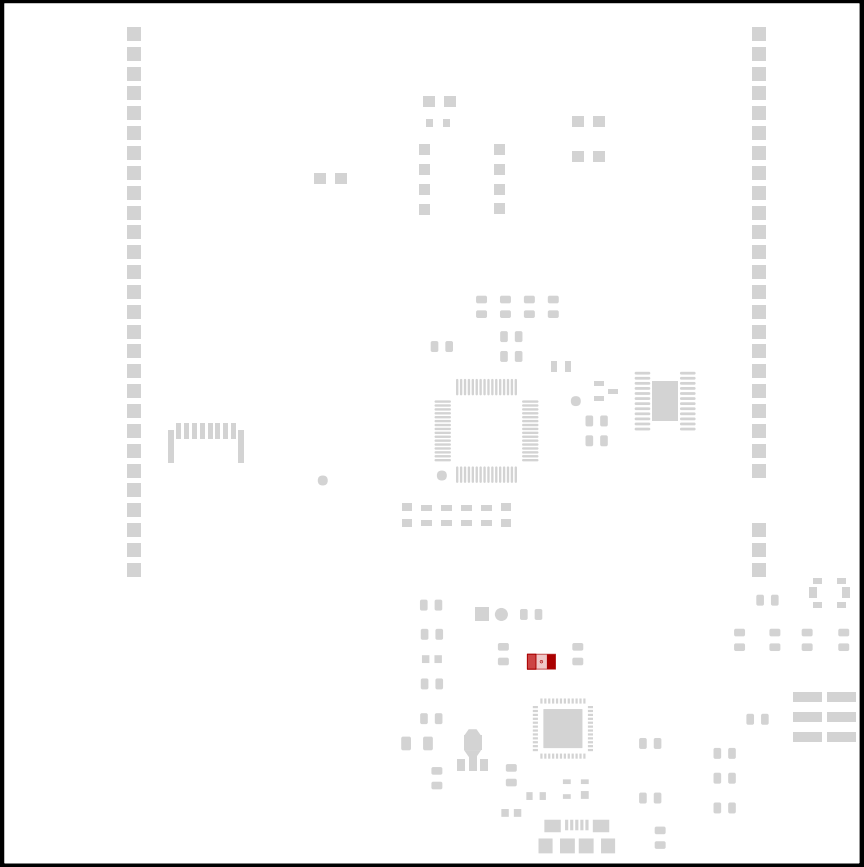
TP1, TP2, TP3

1x AP7215-33YG-13, SOT-89-3



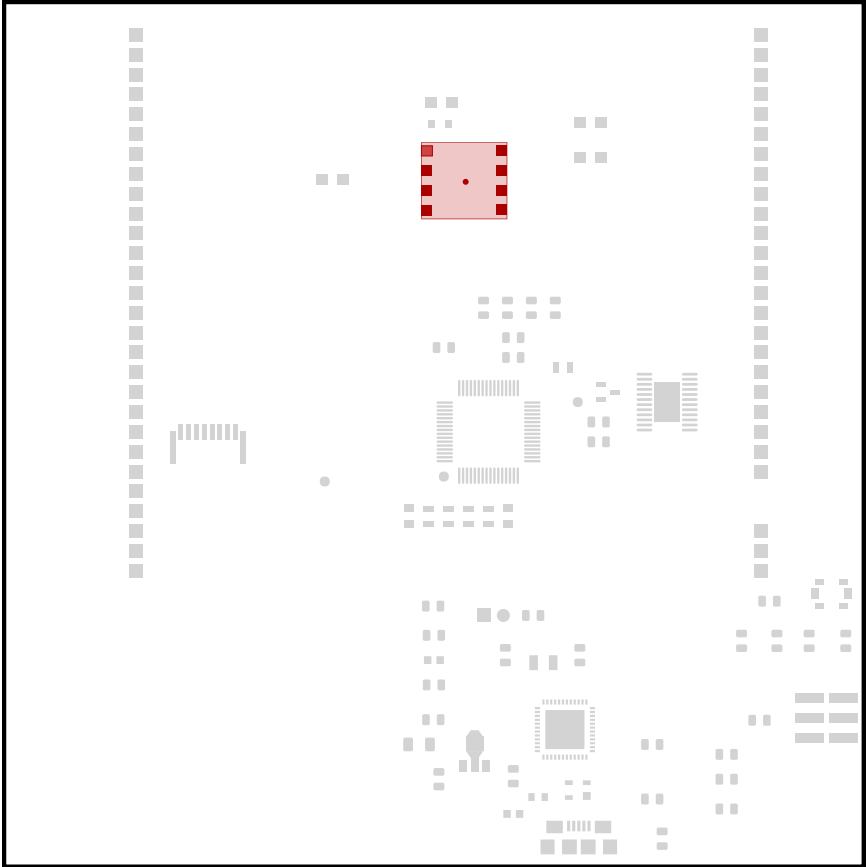
U2

1x 32.768KHz, MK1\_ZERO\_QUARZO-ABS07



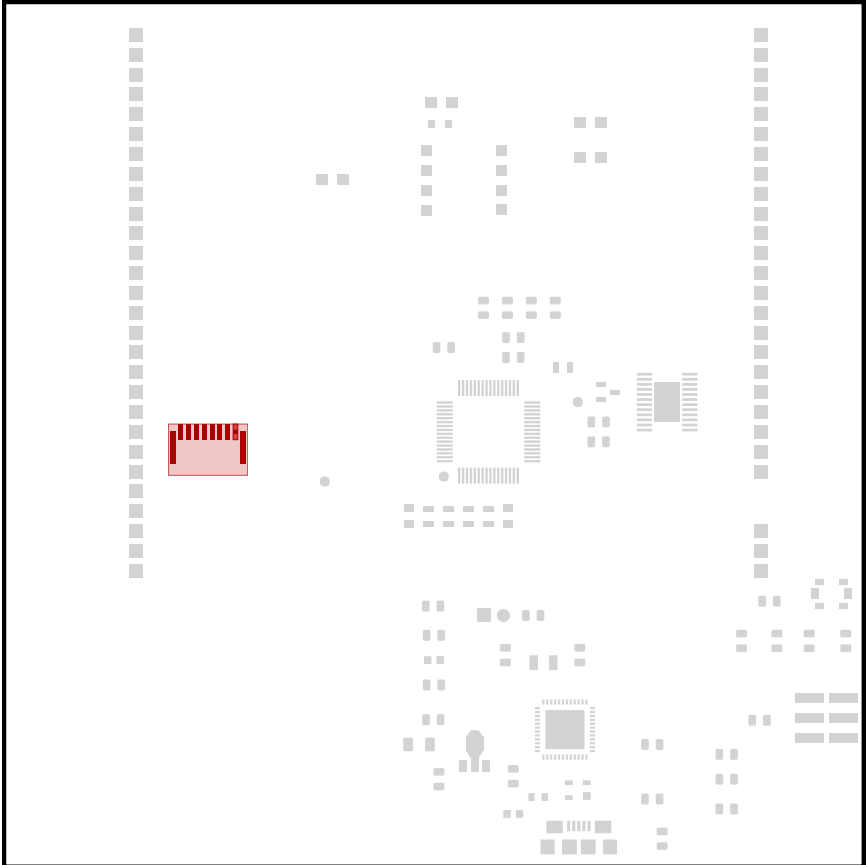
Y1

1x OPTO\_DARL\_6N138S, 8-SMD



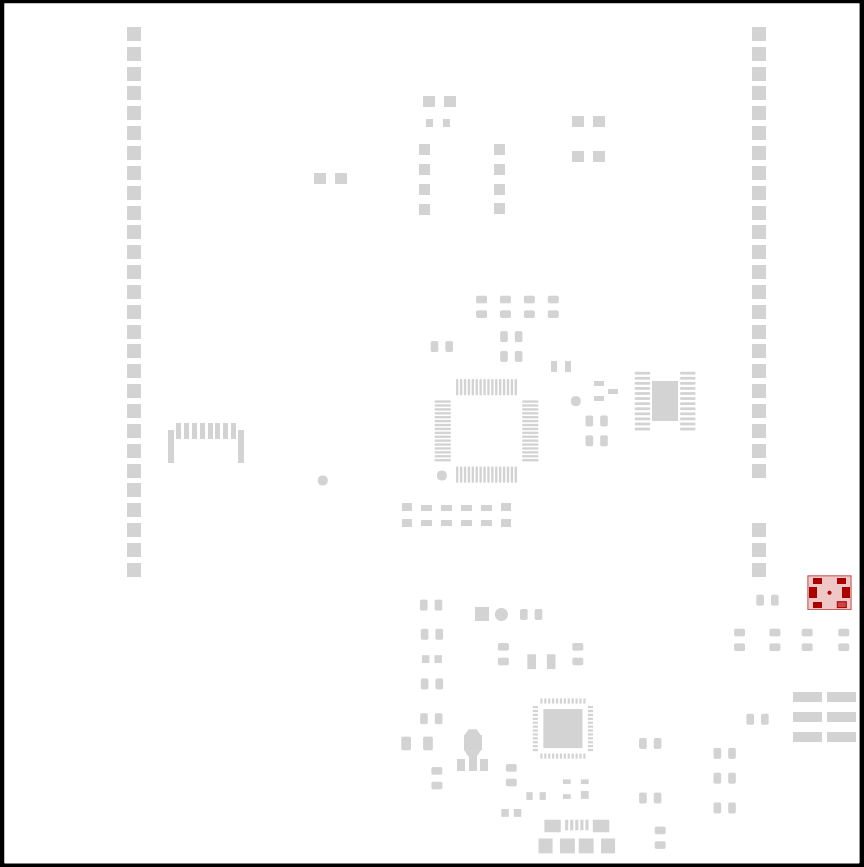
U\$4

1x 1734592-8, HFW8R-1STE1LF



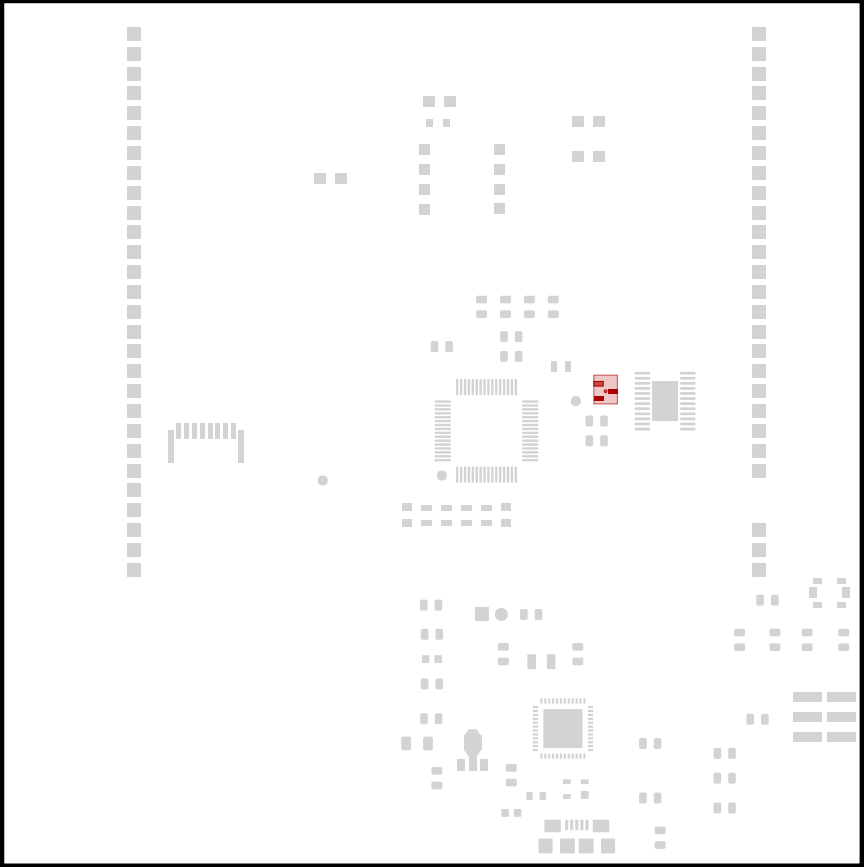
U\$3

1x PUSHBUTTON2, C&K\_PTS820\_NOPEGS



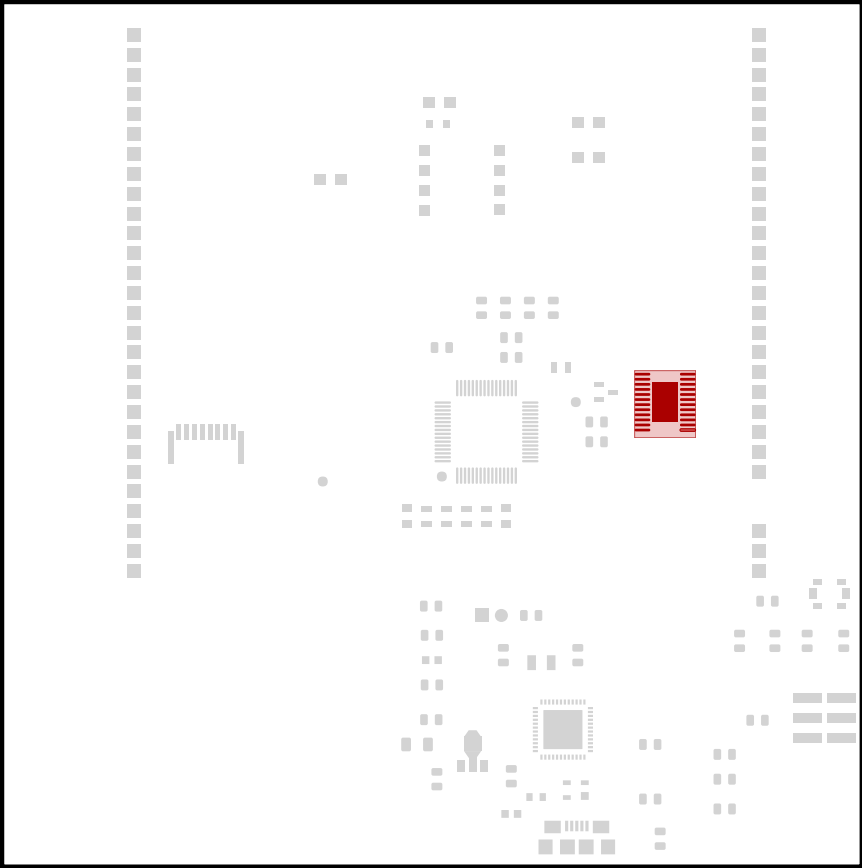
U\$1

1x MICROCHIP\_MCP1700T-2502E-TT  
MICROCHIP\_MCP1700T-2502E-TT\_0\_0,  
MICROCHIP\_MCP1700T-2502E-TT\_0



U5

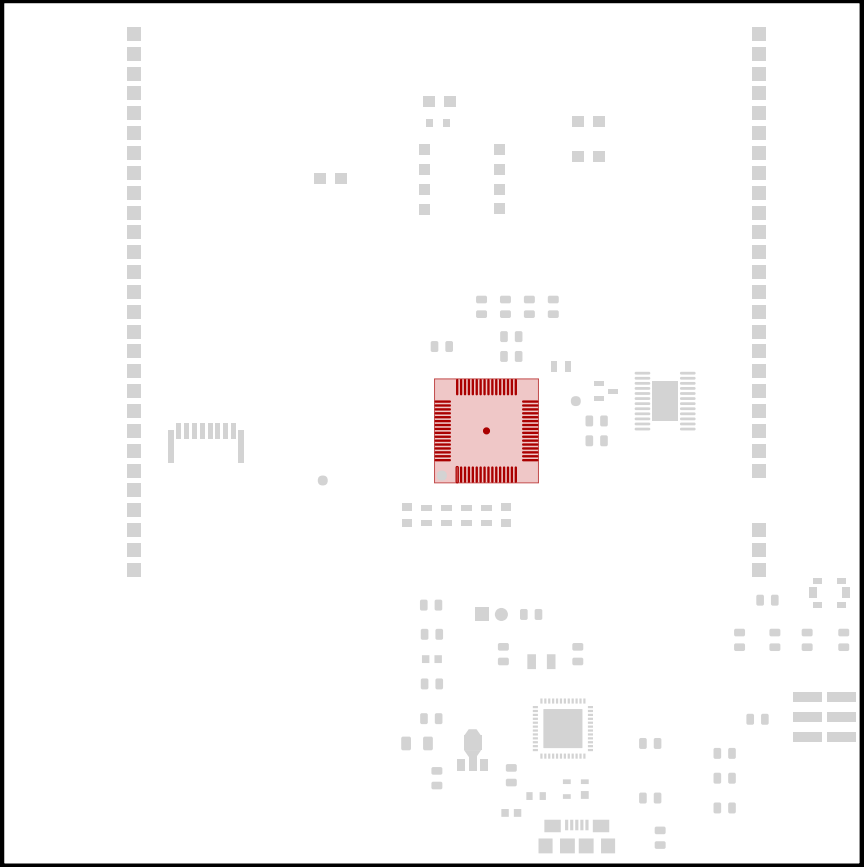
1x ANALOG\_DEVICES\_AD5754BREZANALOG\_DEVICES\_AD5754BREZ\_0\_2,  
ANALOG\_DEVICES\_AD5754BREZ\_2



U4

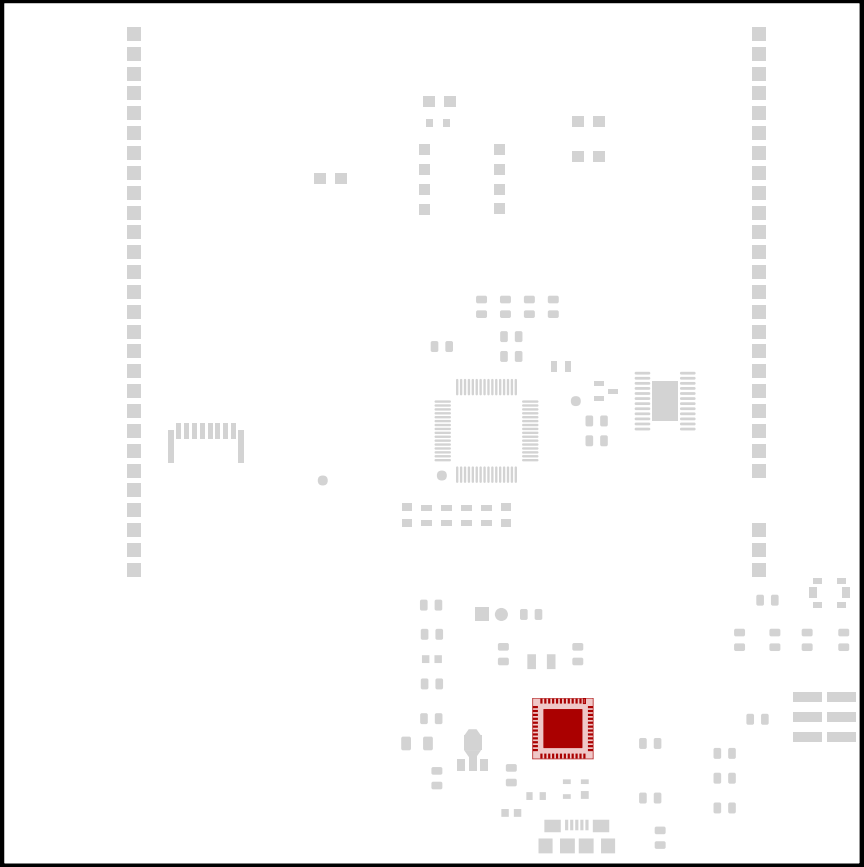


1x ANALOG\_DEVICES\_AD7606BSTZANALOG\_DEVICES\_AD7606BSTZ\_0\_2,  
ANALOG\_DEVICES\_AD7606BSTZ\_2



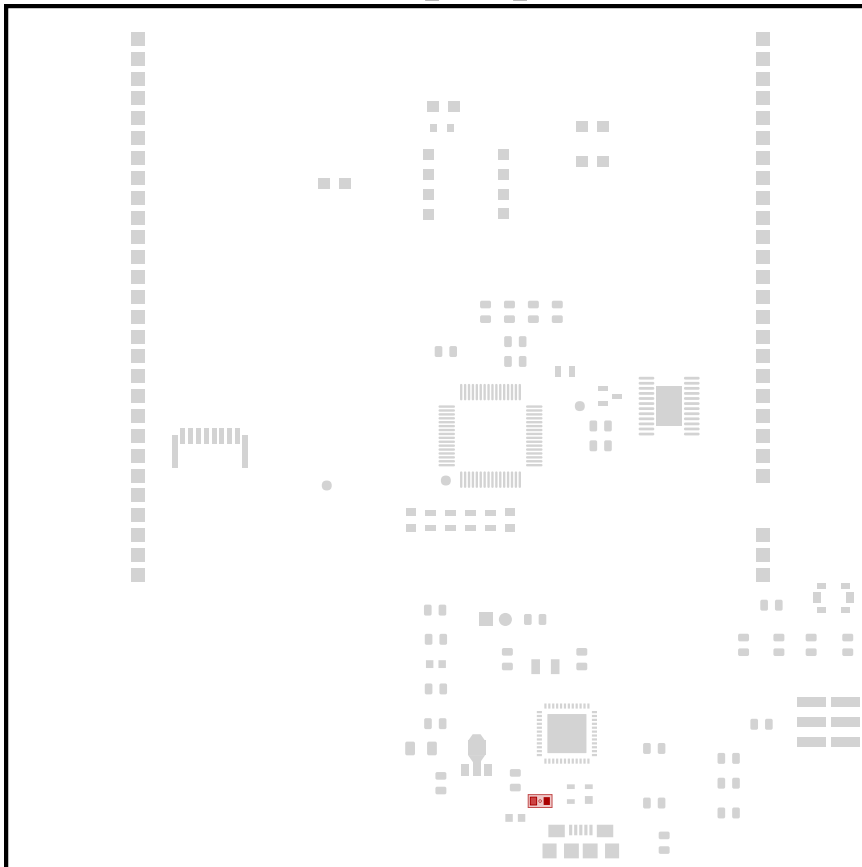
U3

1x ATSAMD21G18A-48, MK1\_ZERO\_QFN50P700X700X90-49XN-EPSQ515



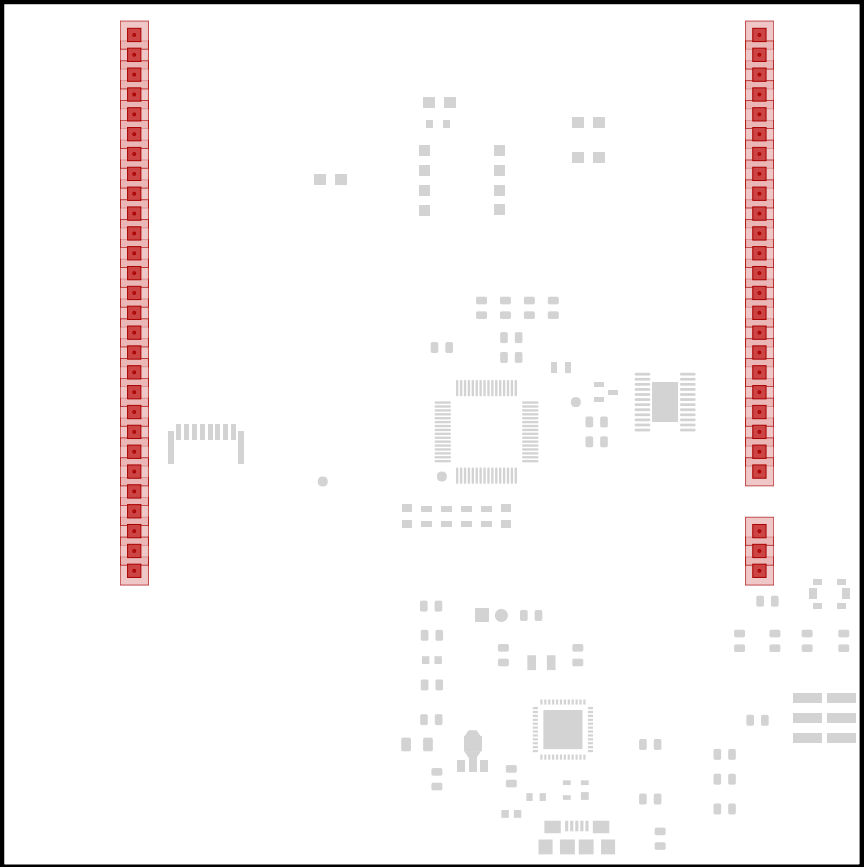
U1

1x MF-FSMF050X-2, MK1\_ZERO\_0603-F1608X100N



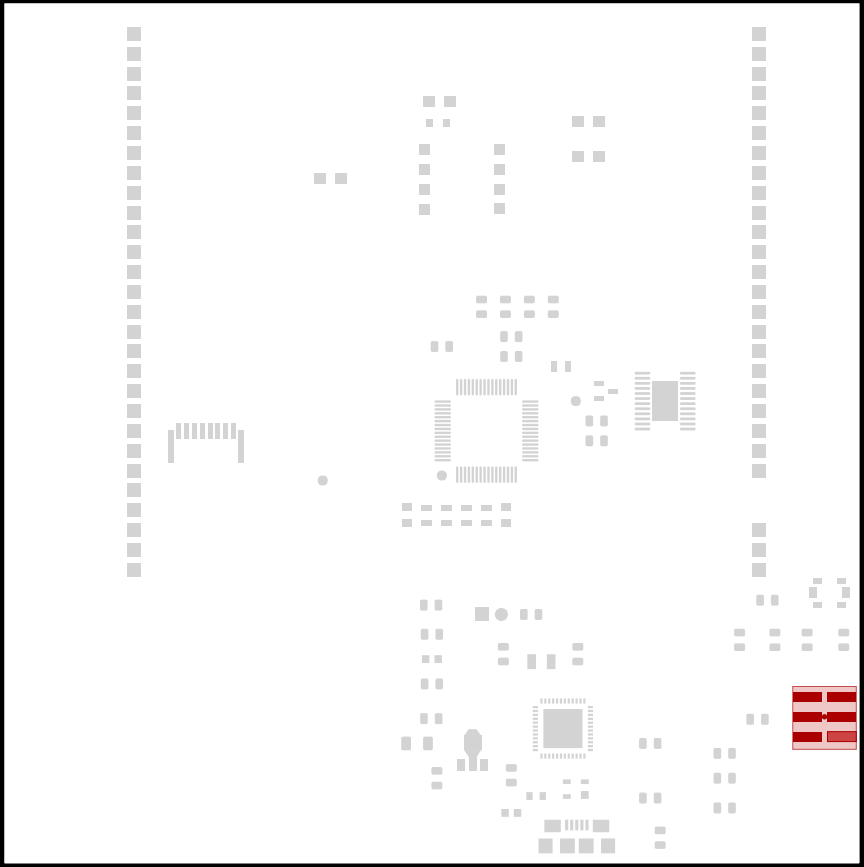
F1

54x Conn\_01x01\_Female, PinSocket\_1x01\_P2.54mm\_Vertical



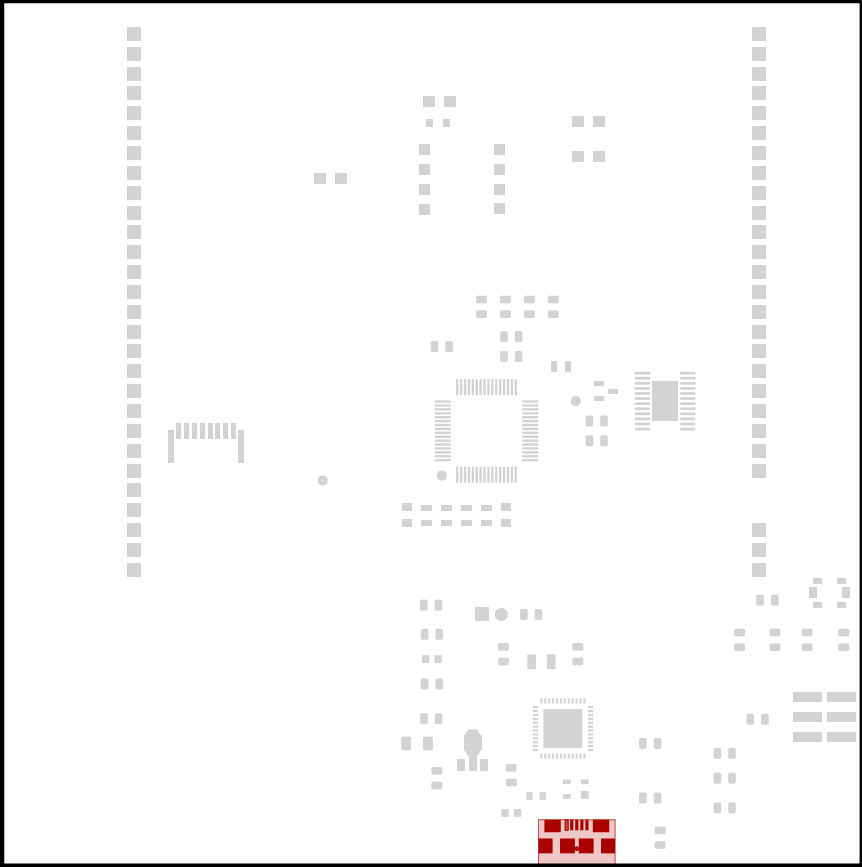
J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28, J29, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46, J47, J48, J49, J50, J51, J52, J53, J54, J55, J56

1x 2X3\_SMD\_MALE, 2X3\_SMT



J2

1x ZX62-AB-5PA(31) , MK1\_ZERO\_USBMICRO-ZX62-AB-5PA



J1