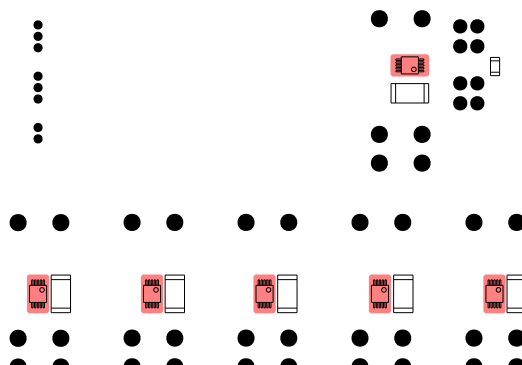
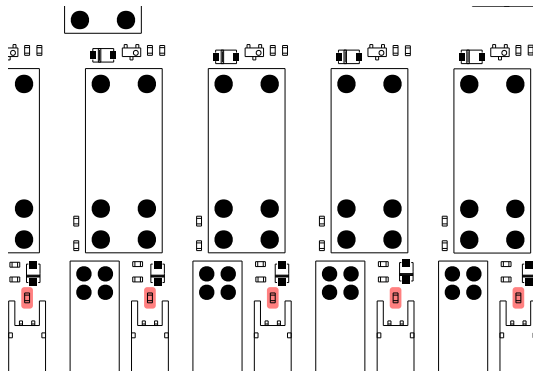


**IC3 IC4 IC1 IC5 IC2 IC6**

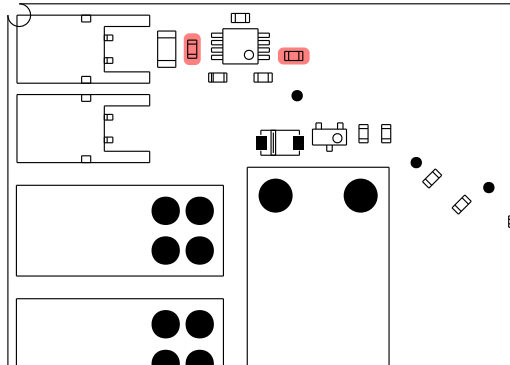
6x LTC4151 MSOP-10  
Digikey LTC4151CMS-1#PBF-ND

**R1 R4 R12 R17 R24**

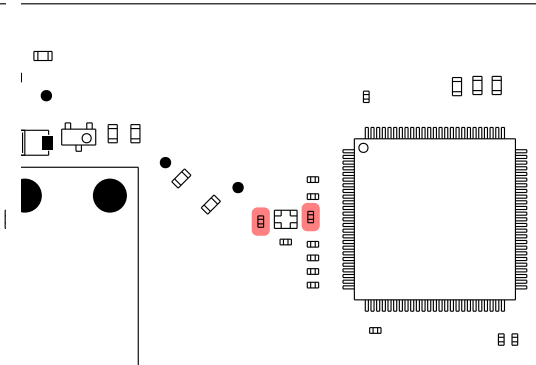
5x 56R 0603  
Farnell 2447400

**C3 C5**

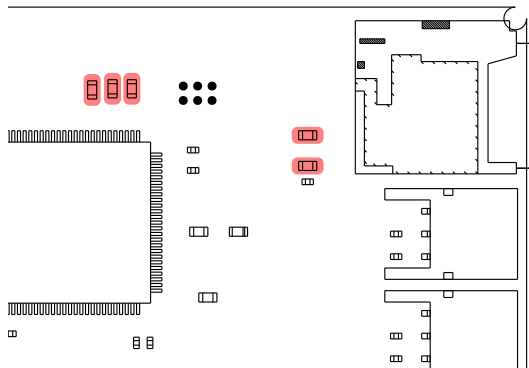
2x 1u 0603-L  
Farnell 1865556

**C7 C6**

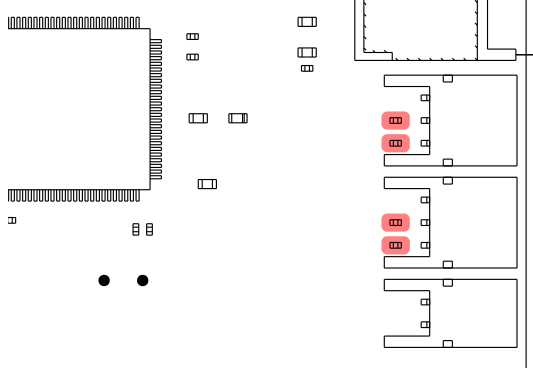
2x 10p 0402  
Farnell 2496790

**R55 R56 R57 R58 R59**

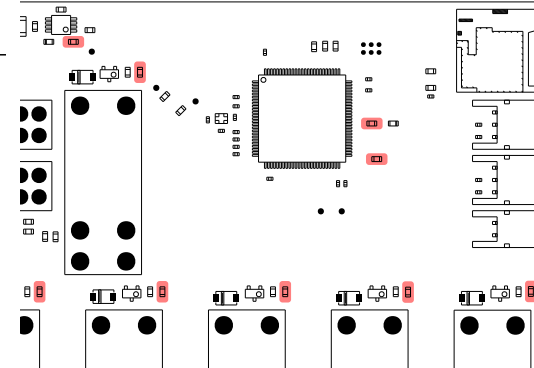
5x 47k 0603-L  
Farnell 9238689

**D14 D15 D16 D17**

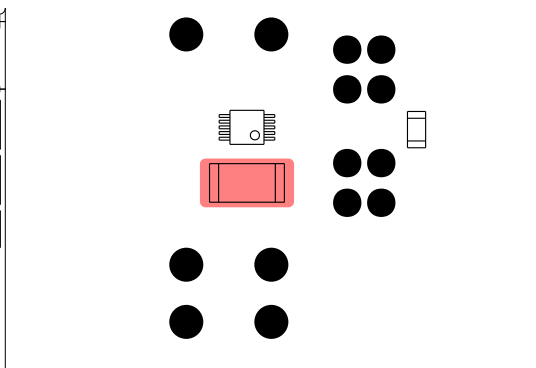
4x ESD DIODE 0402  
Farnell 2368169

**R42 R21 R18 R43 R19 R44 R27 R37 R46**

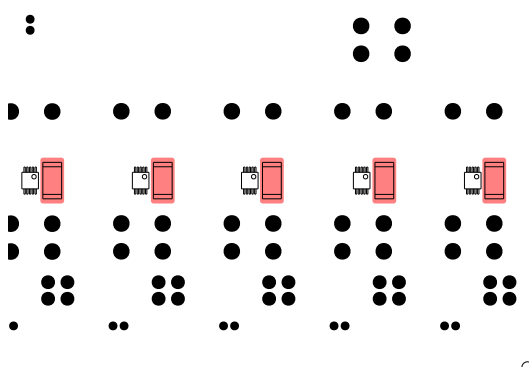
9x 100R 0603  
Farnell 2616742

**R13**

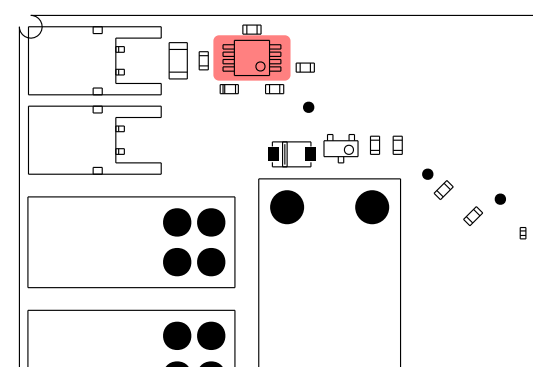
1x 0.01R 2512  
Farnell 1107429

**R31 R7 R32 R8 R33**

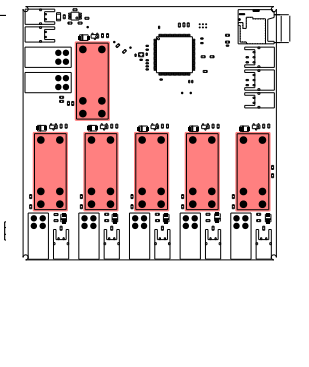
5x 0.05R 2512  
Farnell 1435950

**IC7**

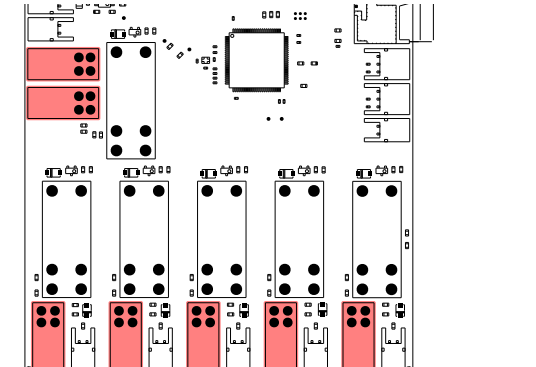
1x ADP3335 MSOP-8  
Farnell 2067775

**K4 K3 K1 K5 K2 K6**

6x 16A SPST RT33L024  
Farnell 1770616

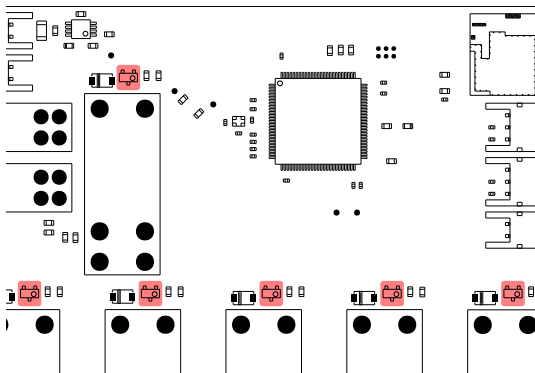
**J1 J3 J10 J15 J16 J11 J17**

7x CH5 172316-1104  
Farnell 172316-1104

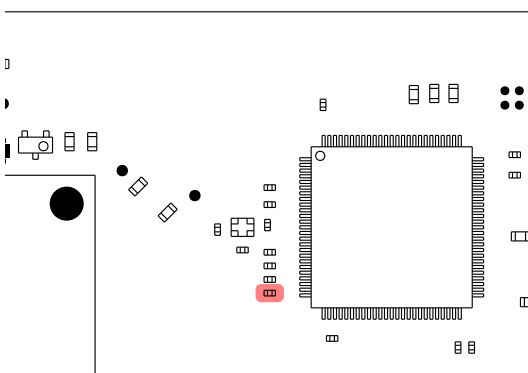


**Q4 Q3 Q1 Q5 Q2 Q6**

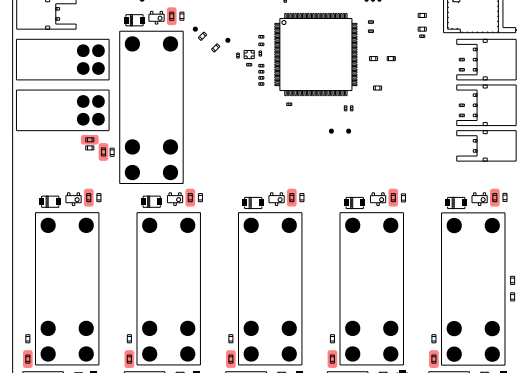
6x NFET SOT-23  
Farnell 2053833

**C12**

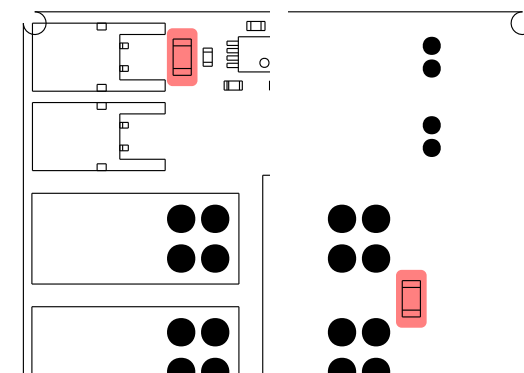
1x 1u 0402  
Farnell 2496814

**R38 R34 R20 R14 R15 R9 R39 R35 R16 F**

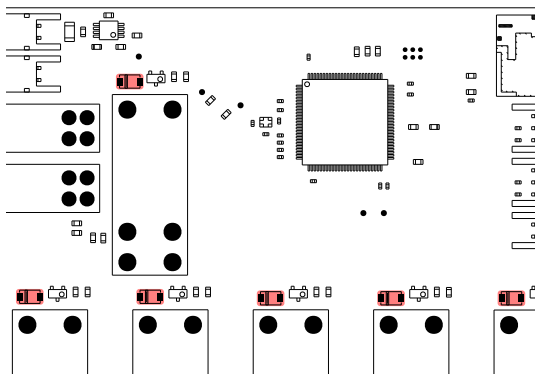
13x 110k 0603  
Farnell 2138501

**C1 C2**

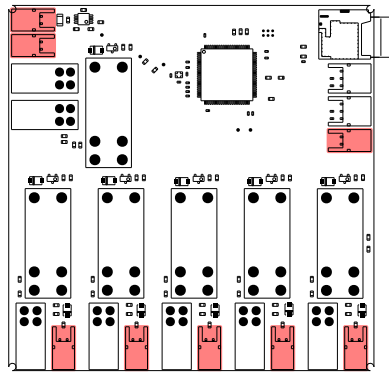
2x 10u 1206  
Farnell 2408407

**D6 D3 D1 D7 D2 D8**

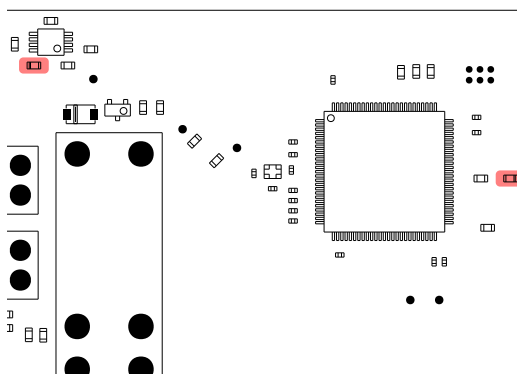
6x SCHOTTKY SOD-123FL  
Farnell 2452032

**J2 J4 J7 J8 J9 J12 J5 J6**

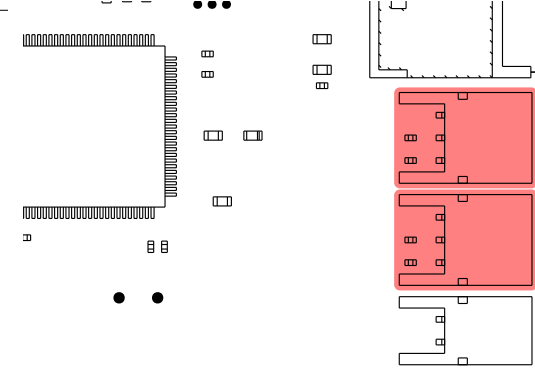
8x 5v Out S02B-PASK-2  
Farnell 1830747

**D9 D10**

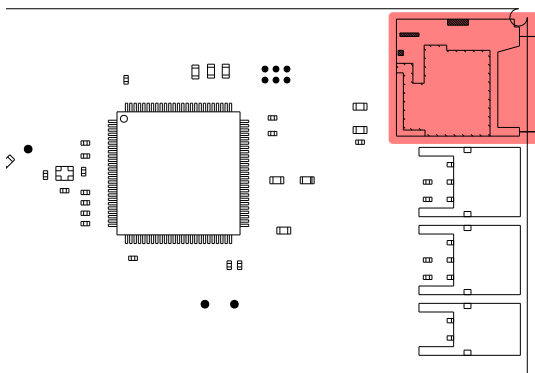
2x LED 0603-LED  
Farnell 2290328

**J13 J14**

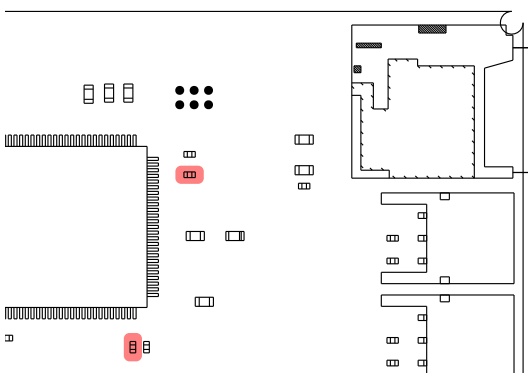
2x UART2 S03B-PASK-2  
Farnell 1830748

**U1**

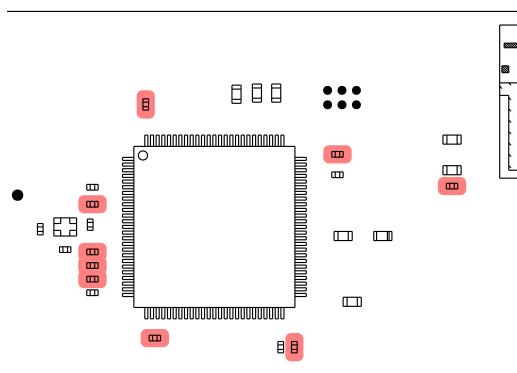
1x MICROSD MICROSD\_MOLEX\_503398-189  
Farnell 2358234

**C18 C17**

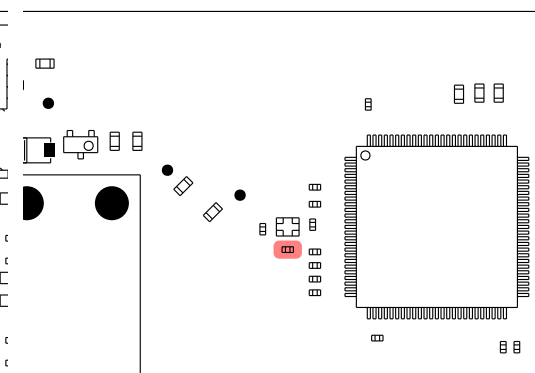
2x 2u2 0402  
Farnell 2362088

**C16 C11 C15 C10 C14 C9 C13 C20 C19**

9x 100n 0402  
Farnell 2496771

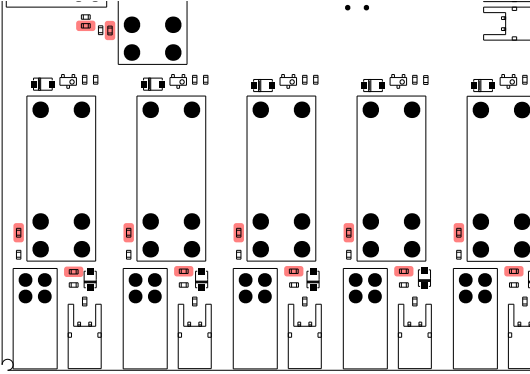
**R60**

1x 100 0402  
Farnell 9239111



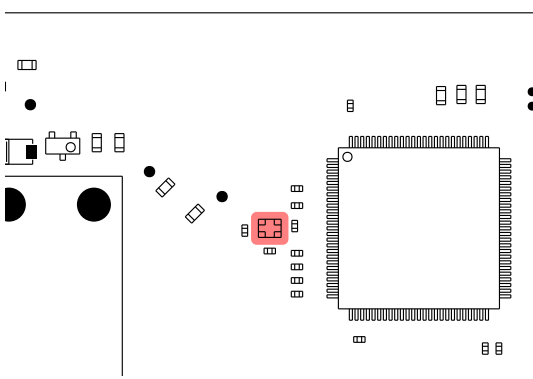
**R28 R52 R11 R5 R25 R29 R53 R6 R26 R3**

12x 10k 0603  
Farnell 2332016



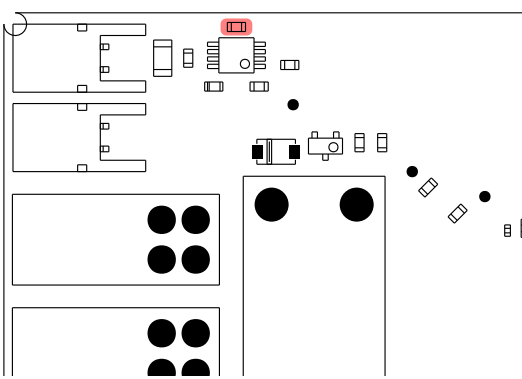
**Y1**

1x 26M XTAL-20x16  
Farnell 2506952



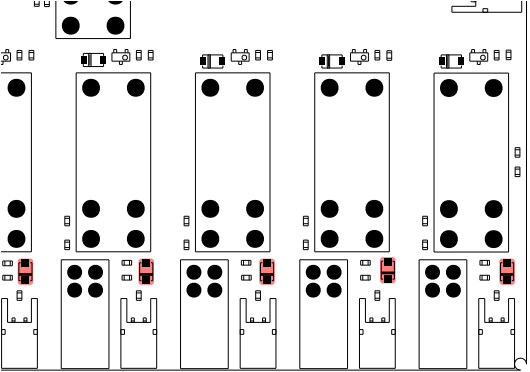
**C4**

1x 10n 0603-L  
Farnell 2496825



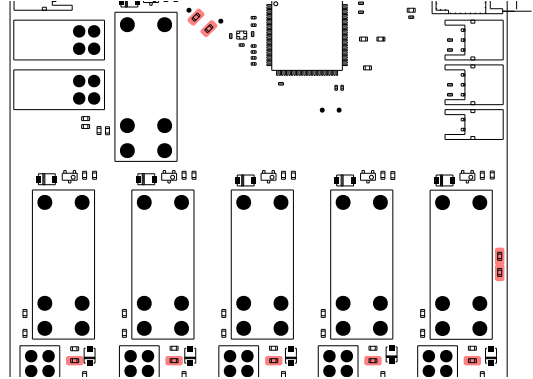
**D11 D4 D12 D5 D13**

5x D SOD-123F  
Farnell 1510671



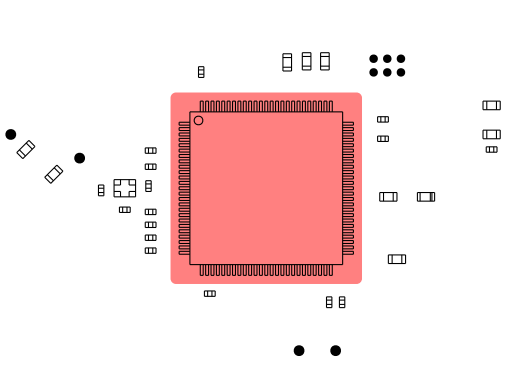
**R49 R22 R50 R23 R51 R45 R47 R48 R41**

9x 1k 0603  
Farnell 1469740



**IC8**

1x STM32F437VIT6 LQFP-100  
Farnell 2333377



**C8**

1x 4u7 0402  
Farnell 2426952

