

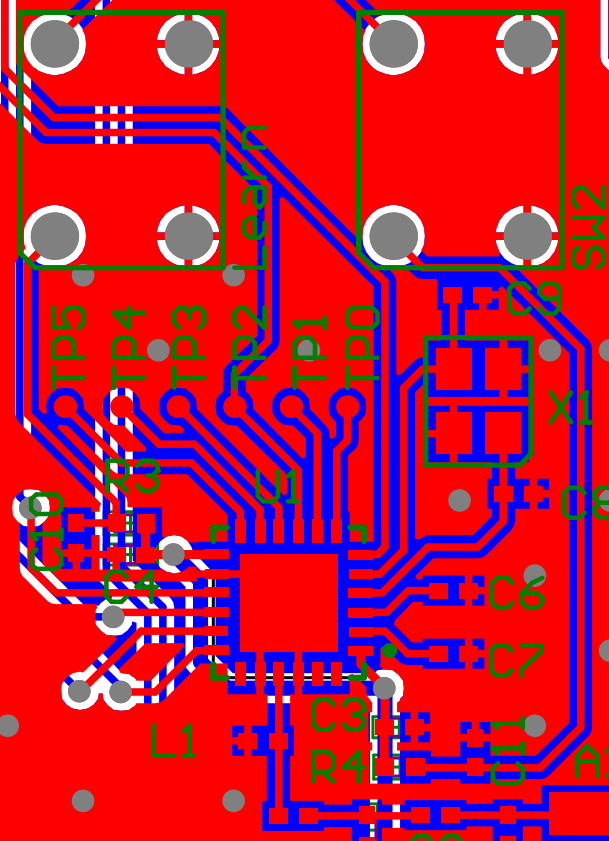


Keeloq Shield v1.1

Digital

41 15  
40 14  
39 13  
38 12  
37 11  
36 10  
35 9  
34 8

33 7  
32 6  
31 5  
30 4  
29 3  
28 2  
27 1  
26 0



R1 R2 R3 U3 5v Gnd Vin  
USR1 USR2  
Power

A0 A6  
A1 A7  
A2 A8  
A3 A9  
A4 A10  
A5 A11  
Analog In

# Bill of Materials

<Parameter Title not found>

Source Data From: Receiver.PrjPCB  
 Project: Receiver.PrjPCB  
 Variant: None

Creation Date: 5/13/2013 8:01:25 PM  
 Print Date: 41407 41407.83435

| Footprint                        | Comment                | LibRef                 | Designator               | Description                    | Quantity |
|----------------------------------|------------------------|------------------------|--------------------------|--------------------------------|----------|
| Wire Antenna                     | Wire Antenna           | Wire Antenna           | A1                       |                                | 1        |
| CAPC1005L                        | GRM1555C1H2<br>20JZ01D | GRM1555C1H2<br>20JZ01D | C1, C5                   | CAP 22pF 50V CERAMIC 0402 SMD  | 2        |
| CAPC1005L                        | GRM1555C1H1<br>R2CZ01D | GRM1555C1H1<br>R2CZ01D | C2                       | CAP 1.2pF 50V CERAMIC 0402 SMD | 1        |
| CAPC1005L                        | GRM155R71C1<br>04KA88D | GRM155R71C1<br>04KA88D | C3, C4, C6, C7, C10, C11 | CAP 0.1uF 16V CERAMIC 0402 SMD | 6        |
| CAPC1005L                        | GRM1555C1H1<br>50JZ01D | GRM1555C1H1<br>50JZ01D | C8, C9                   | CAP 15pF 50V CERAMIC 0402 SMD  | 2        |
| LEDC1608L<br>Blue                | Blue LED               | LTST-<br>C193TBKT-5A   | D1                       | LED Blue 0603 SMD              | 1        |
| LEDC1608L<br>RED                 | Red LED                | LS Q976-NR-1           | D2                       | LED RED 0603 SMD               | 1        |
| CAPC1005L                        | LQG15HS12NJ0<br>2D     | LQG15HS12NJ0<br>2D     | L1                       | INDUCTOR 12NH 300MA 0402       | 1        |
| CAPC1005L                        | LQW15AN68NJ<br>00D     | LQW15AN68NJ<br>00D     | L2                       | INDUCTOR 68NH 140MA 0402       | 1        |
| HDR2X8                           | Digital Headers        | Digital Headers        | P1, P3                   | Header, 8-Pin, Dual row        | 2        |
| HDR1X6                           | Power Header           | Power Header           | P2                       | Header, 6-Pin                  | 1        |
| HDR2X6                           | Analog Header          | Analog Header          | P4                       | Header, 6-Pin, Dual row        | 1        |
| RESC1005L                        | RC0402JR-<br>07100RL   | RC0402JR-<br>07100RL   | R1                       | 100 Ohms 0402                  | 1        |
| RESC1005L                        | RC0402JR-<br>07470RL   | RC0402JR-<br>07470RL   | R2                       | 470 Ohms 0402                  | 1        |
| RESC1005L                        | RC0402JR-<br>0710KL    | RC0402JR-<br>0710KL    | R3, R4                   | 10K Ohms 0402                  | 2        |
| B3W-1002<br>BY OMZ               | B3W-1002 BY<br>OMZ     | B3W-1002 BY<br>OMZ     | SW1, SW2                 |                                | 2        |
| SX1239IMLT<br>RT                 | SX1239IMLT<br>RT       | SX1239IMLT<br>RT       | U1                       | Receiver Chip                  | 1        |
| ABM8G-<br>26.000MHZ-<br>18-D2Y-T | 7M-<br>32.000MEEQ-T    | 7M-<br>32.000MEEQ-T    | X1                       | Crystal 36.000 Mhz             | 1        |

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| Approved | Notes |
|----------|-------|
|          |       |
|          |       |
|          |       |