```
ANT1 64.33 27.94 180 U.FL
    C1 17.46 36.83 270 100nf C0402
3
    C2 17.46 35.56 270 NC C0402
    C3 17.46 31.75 270 NC C0402
5
    C4 18.10 30.16 90 4.7uf C0805
6
    C5 17.46 28.26 90 100nf C0402
7
    C6 24.45 29.53
                    0 100nf C0402
8
    C7 20.64 36.83 90 100nf C0402
9
    C8 26.51 29.53 180 4.7uf C0805
10
    C9 23.81 43.50 180 100nf C0402
11
     C10 24.45 39.37
                     0 100nf C0402
12
     C11 39.05 45.40 90 100nf C0402
13
    C12 36.83 41.59 270 100nf C0402
14
    C13 36.83 40.32 270 100nf C0402
    C14 40.32 42.55 90 100nf C0402
15
                     90 4.7uf C0805
16
    C15 40.32 40.96
17
    C16 40.32 38.73
                     90 4.7uf C0805
18
    C17 41.27 36.83
                     90 100nf C0402
19
    C18 41.27 35.56 90 100nf C0402
20
    C19 38.42 29.85 270 10pf C0402
21
    C20 36.20 26.19 180 10pf C0402
22
    C21 32.70 27.30 270 100nf C0402
23
    C22 32.70 25.72 270 4.7uf C0805
    C23 12.70 27.62
                     0 100nf C0402
24
25
    C24 12.70 23.50 180 4.7uf C0805
26
    C25 14.61 23.18 180 100nf C0402
27
    C26 10.16 19.69 270 4.7uf C0805
28
    C27 11.75 17.46
                     0 100nf C0402
29
    C28 13.34 17.46
                     0 4.7uf C0805
30
    C29 17.14 17.46 180 4.7uf C0805
31
    C30 11.91 14.45
                     0 100nf C0402
32
    C31 29.21 24.77
                     0 100nf C0402
33
    C32 29.21 19.69 180 4.7uf C0805
34
    C33 21.91 9.84 180 100nf C0402
35
    C34 23.18 9.84 180 100nf C0402
36
    C35 31.43 15.24 270 4.7uf C0805
37
    C36 32.07 13.65 270 100nf C0402
38
    C37 31.27 21.75
                      0 4.7uf C0805
39
    C38 33.02 21.59
                      0 100nf C0402
40
    C39 38.73 21.59 270 4.7uf C0805
41
    C40 40.64 20.00 270 100nf C0402
42
    C41 38.73 15.24
                     0 100nf C0402
43
    C42 40.01 15.24
                      0 100nf C0402
44
    C43 17.78 5.08 270 100nf C0402
    C44 25.40 5.08 90 100nf C0402
45
    C45 27.94 5.08 90 100nf C0402
46
    C46 33.66 5.08 90 100nf C0402
47
    C47 40.01 5.08 270 100nf C0402
48
49
    C48 43.82 5.08 90 100nf C0402
50
    C49 48.26
               7.30 90 4.7uf C0805
51
    C50 53.02 8.26 180 100nf C0402
52
    C51 54.29 8.26 180 100nf C0402
53
    C52 55.56 8.26 180 100nf C0402
    C53 54.45 11.59 270 100nf C0402
54
55
    C54 56.20 13.65 180 100nf C0402
    C55 59.05 10.79 180 100nf C0402
56
57
    C56 60.64 11.43 180 4.7uf C0805
58
    C57 64.77 12.07
                     90 TE-D-7343
59
    C58 60.64 14.29
                      0 100nf C0402
60
    C59 60.64 19.69
                     0 100nf C0402
61
    C60 60.33 27.94 270 100pf C0402
62
    D1 21.27 24.13 180 PMEG4050EP,115 SODFL4725X110N
63
    D2 21.27 20.96 180 PMEG4050EP,115 SODFL4725X110N
64
     D3 21.27 17.78
                     0 PMEG4050EP,115 SODFL4725X110N
65
     D4 27.30 39.37 270 1N4148 SOD-323
     D5 23.50 13.65 270 LL-34
66
     D6 57.15 8.89 90 LL-34
67
        4.45 19.69
                    0 SMD1206R500SF F1206
68
     F1
       5.80 11.43 90 4P-SMD-2.0-90D HW4-SMD-2.0-90D
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70
     K1 6.35 49.28 180 SKHM SKHM
 71
     K2 6.35 2.64 90 MK-12C02 SW7-SMD-L6.7X2.7X3.2MM
 72
     L1 61.28 25.88 90 47nH L0603
 73
     LED1 27.94 44.77 180 BLUE-0603 LED-0603
 74
     LED2 27.94 42.16 180 YELLOW-0603 LED-0603
 75
     Q1 31.07 43.50 90 220mA/50V/3.5? SOT23-3
     Q2 26.35 24.13 90 DMG2305UX-7 SOT91P240X110-3N_DMG2305UX-7
 76
     Q3 26.35 19.69 90 DMG2305UX-7 SOT91P240X110-3N_DMG2305UX-7
 77
 78
     Q4 26.35 15.24 90 DMG2305UX-7 SOT91P240X110-3N_DMG2305UX-7
 79
     Q5 54.29 13.65 0 DTC044TMT2L SOTFL40P120X55-3N
 80
    R1 6.03 45.09 270 5.1K R0402
 81
     R2 6.03 31.12 270 5.1K R0402
 82
     R3 17.46 34.29 90 OR R0402
 83
     R4 17.46 33.02 90 OR R0402
     R5 20.64 29.53
                    0 24K R0402
 84
     R6 21.91 29.53
                    0 47K R0402
 85
 86
     R7 23.18 29.53 180 12K R0402
 87
     R8 25.40 43.82 90 2.2K R0402
 88
    R9 25.40 42.23 90 2.2K R0402
 89 R10 33.34 44.13 180 2.2K R0402
 90 R11 33.34 41.91 180 100K R0402
 91 R12 25.72 39.37 180 12K R0402
 92 R13 21.91 14.92 0 100K R0402
 93 R14 34.93 21.59 180 100K R0402
     R15 36.20 21.59 180 100K R0402
 94
     R16 34.93 15.24
                     0 100K R0402
 95
                     0 100K R0402
 96
     R17 36.20 15.24
 97
     R18 37.47 15.24 180 100K R0402
 98
    R19 43.82 14.29 180 0 R0402
    R20 45.09 14.29 180 0 R0402
99
100
    R21 57.47 13.65 0 12K R0402
101
    R22 62.23 27.94 270 0 R0402
     U1 32.70 33.66 90 ATMEGA328PB-AU QFP80P900X900X120-32N
102
103
    U2 21.91 33.66 0 CP2104-F03-GMR CP2104-F03-GMR
104
     U3 6.35 25.40 90 SOT223
105
     U4 16.83 11.43 90 SOT223
     U5 14.61 46.36 90 ESDA6V1W5 SOT65P210X110-5N
106
107
     U6 35.56 18.41 0 PCA9517ADP,118 SOP65P490X110-8N
     U7 52.56 22.51 0 WSSFM10RWSSFM10R2R4 WSSFM10R
108
109 USB1 7.25 38.10 270 105450-0101 105450-0101
110 X1 38.42 27.30 90 16MHZ CRYSTAL-SMD-3.2X2.5MM
111 ZFC1 10.16 49.53 0 FIDUCIAL1X2 FIDUCIAL-1X2
     ZFC2 58.42 45.72 0 FIDUCIAL1X2 FIDUCIAL-1X2
113 ZFC3 58.42 39.69 0 FIDUCIAL1X2 FIDUCIAL-1X2
114 ZFD1 69.85 68.58 0 FIDUCIAL1X2 FIDUCIAL-1X2
     ZFD2 -1.27 -15.24 0 FIDUCIAL1X2 FIDUCIAL-1X2
115
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ZFD3 69.85 -15.24 0 FIDUCIAL1X2 FIDUCIAL-1X2

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