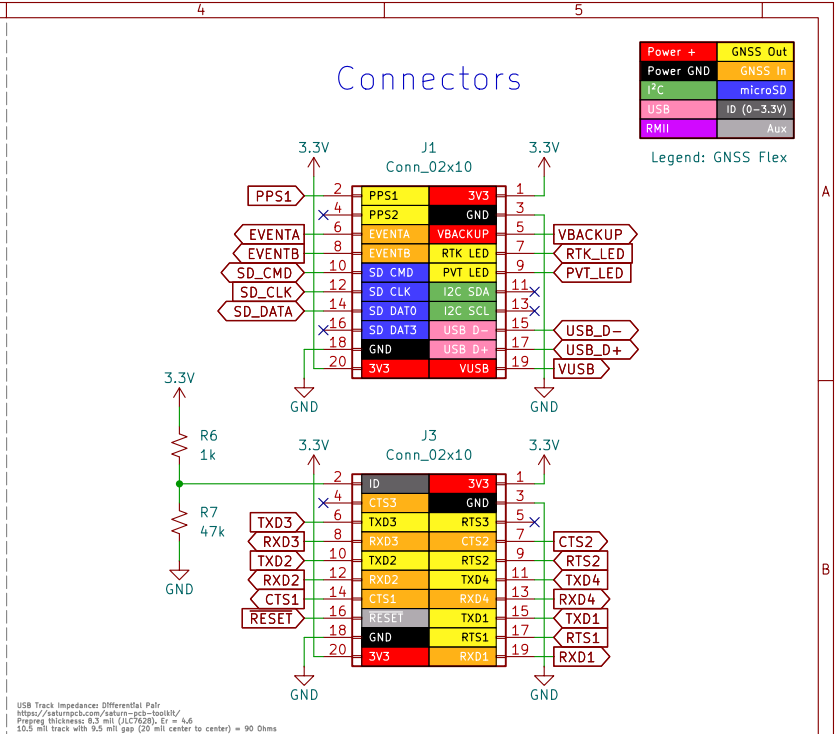


[illegible]

Antenna

J4
U.F.L

ANT1

D1
PESD0402
14VWM/40VC

GND

J5

ANT2

D2
PESD0402
14VWM/40VC

GND

L3
120 Ohm
100MHz

L2
120 Ohm
100MHz

C5
100pF
50V
10%

R5
0

GND

GND

Microstrip Calculation:
Copper thickness (1oz): 1.4mil/0.035mm
Board thickness: 1.6mm
Dielectric thickness (layer 1 to 2): 0.2mm
Etc. n.d.
Polygon isolation: 6mil/0.152mm
of Trace Width: 1.3mil/0.33mm
<https://citemandy.com/calculators/coplanar-waveguide-with-ground-calculator.htm>

Level Shifting – 74LVC2T45



Id: 1/1