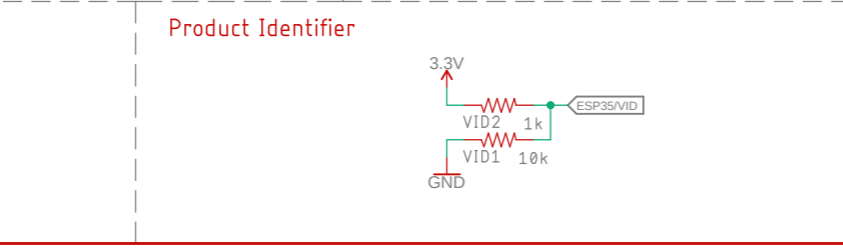


USB Track Impedance: Differential Pair
<https://saturnpcb.com/saturn-pcb-toolkit/>
 Prepreg thickness: 0.2mm (7.87 mil), Er = 4.6
 10.5 mil track with 9.5 mil gap (20 mil center to center) = 90 Ohms

RF Track Impedance: Coplanar Waveguide with Ground Calculations
 Ground is on layer 2. Prepreg thickness: 0.2mm, Er = 4.6
 13.74 mil track with 8 mil gap = 50 Ohms
<https://saturnpcb.com/saturn-pcb-toolkit/>



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TITLE: SparkFun_RTK_EVK

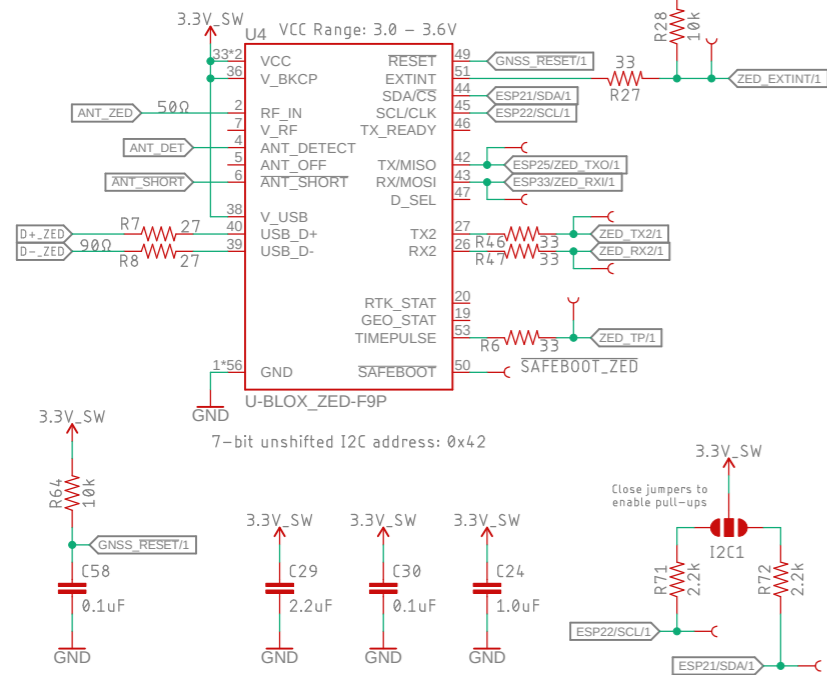
Design by: Paul Clark

Date: 09/02/2024 08:53

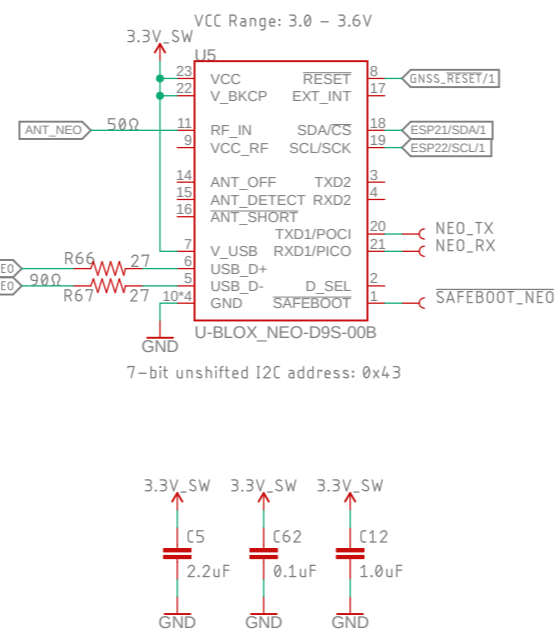
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REV: v11

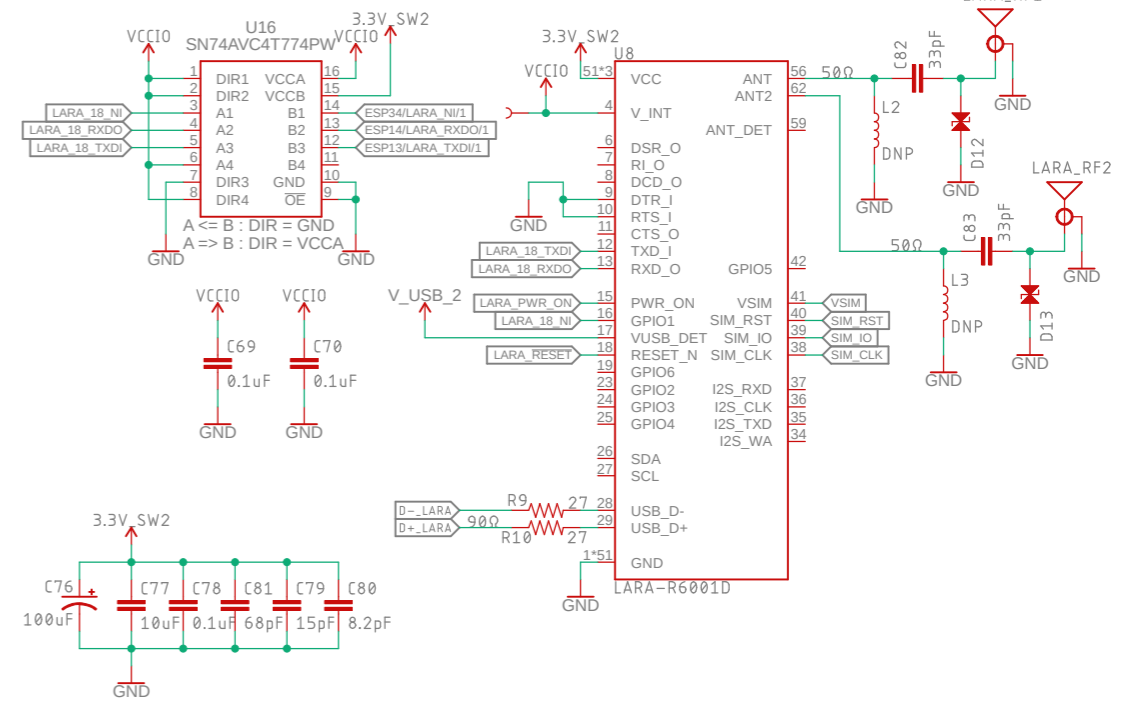
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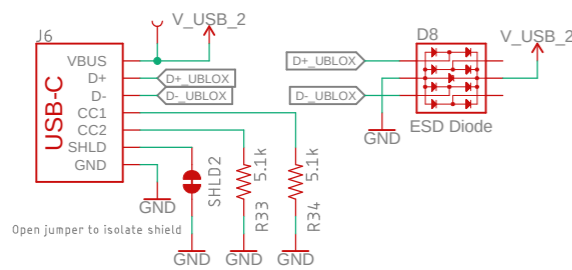
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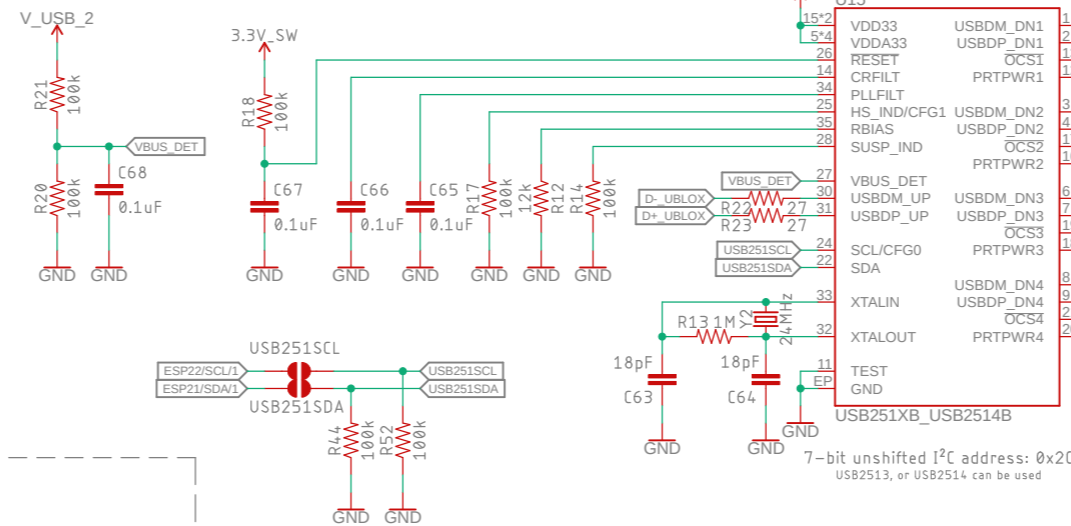
u-blox LARA-R6001



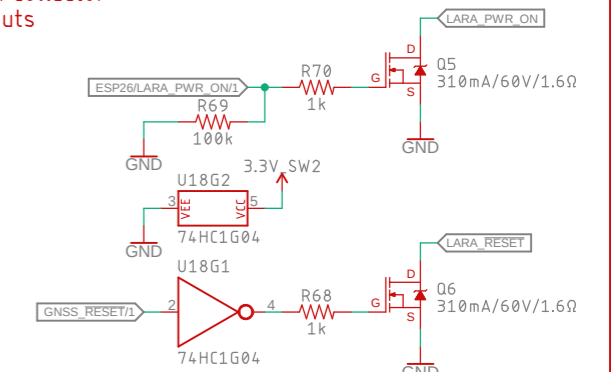
USB Hub USB-C



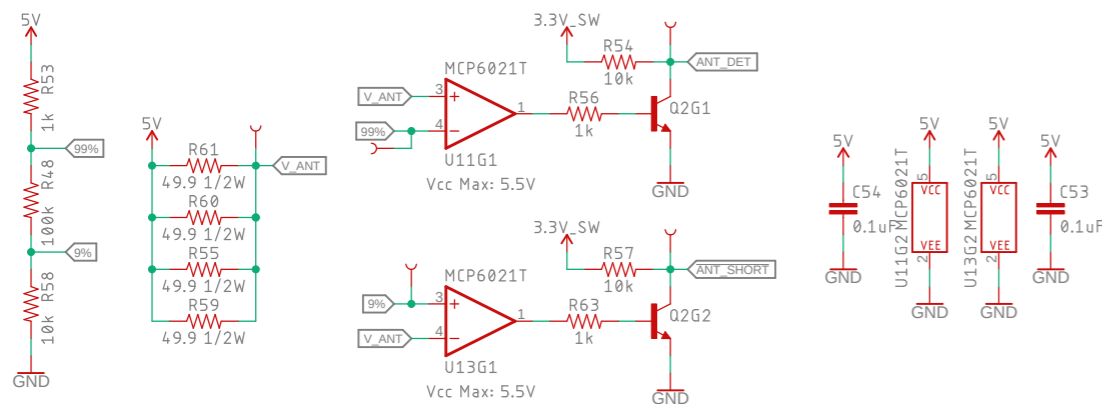
USB Hub



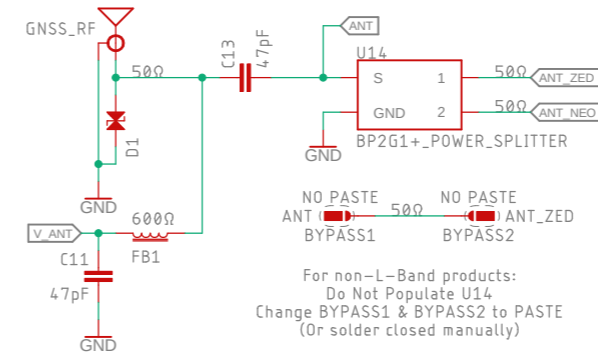
Open Collector Outputs



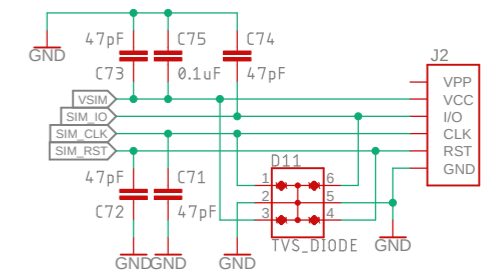
Antenna Power



Antenna Splitter



SIM



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TITLE: SparkFun_RTK_EVK

Design by: Paul Clark

REV: v11

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Sheet: 2/2