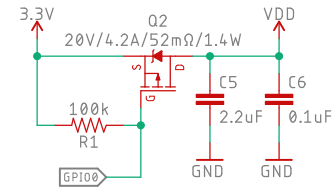
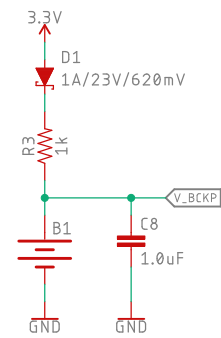


Power Switching



Back-Up Voltage

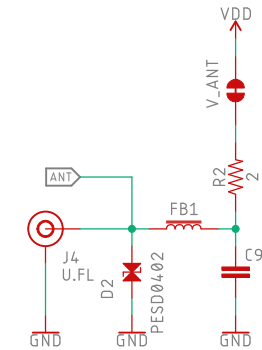


Antenna

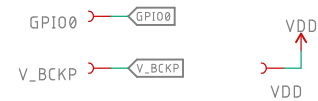
RF Track Impedance: Coplanar Waveguide with Ground Calculations
<https://chemandy.com/calculators/coplanar-waveguide-with-ground-calculator.htm>

JLCPCB JLC7628 4-Layer 0.8mm Impedance Control Stackup ($\epsilon_r = 4.6$)

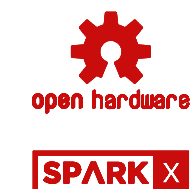
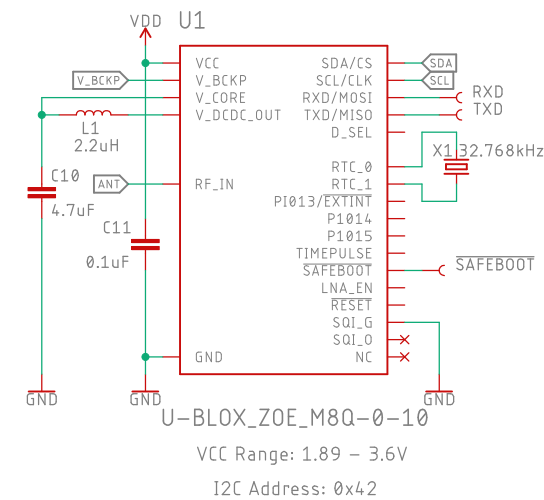
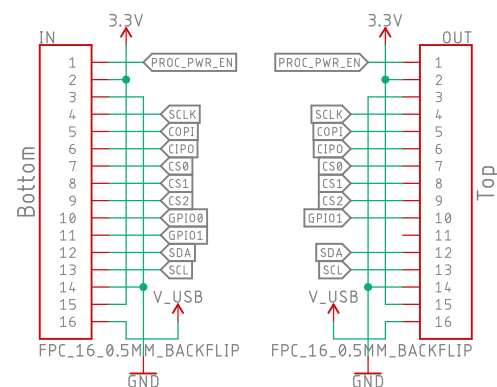
Ground is on layer 2.
Prepreg thickness: 0.2mm
12 mil track with 4 mil gap = 49.5 Ohms



Test Points



EZ Connectors



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TITLE: SparkX_EZ_ZOE-M8Q

Design by: Paul Clark

Date: 04/05/2021 08:40

Special Instructions

REV:
X01

Sheet: 1/1