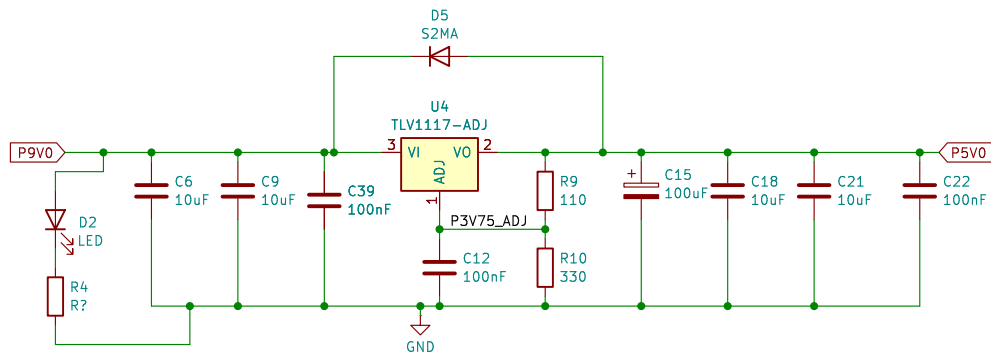
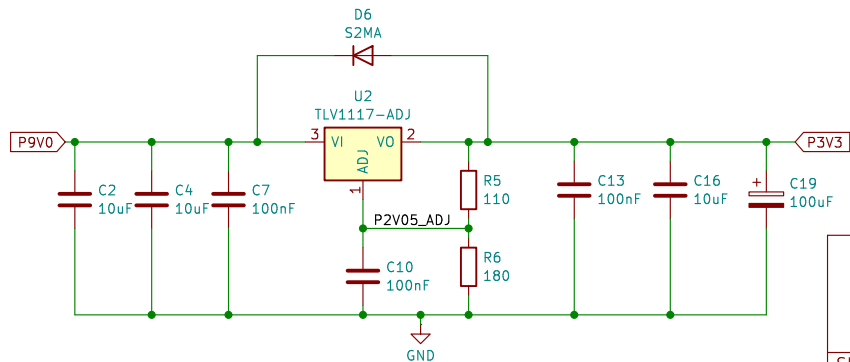


INPUT POLARITY PROTECTION

11mA through ADJ feedback resistors, min 1.7mA load
 $V_{ADJ} = 9 \cdot R2 / (R2 + R3) = 9 \cdot 680 / (110 + 680) = 7.75V$
 <1.3 V dropout



11mA through ADJ feedback resistors, min 1.7mA load
 $V_{ADJ} = 5.0 \cdot R2 / (R2 + R3) = 5.0 \cdot 330 / (330 + 110) = 3.75V$
 <1.3 V dropout



11mA through ADJ feedback resistors, min 1.7mA load
 $V_{ADJ} = 3.3 \cdot R2 / (R2 + R3) = 3.3 \cdot 180 / (110 + 180) = 2.05V$
 <1.3 V dropout

VCXO - 3.3V 28mA = 92mW
 LEE-59+ - 9V 65mA = 585mW
 LEE-59+ - 9V 65mA = 585mW
 PMA2-123LN5+ - 5.0V 30mA = 150 mW
 SUM: useful energy 1412 mW
 Total 12V current: 188 mA - 2256 mW

Sheet: /InputPower/
 File: InputPower.kicad_sch

Title:

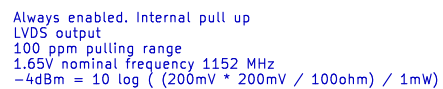
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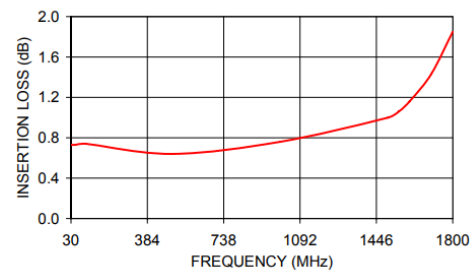
KiCad E.D.A. 8.0.2

Rev:

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INSERTION LOSS



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