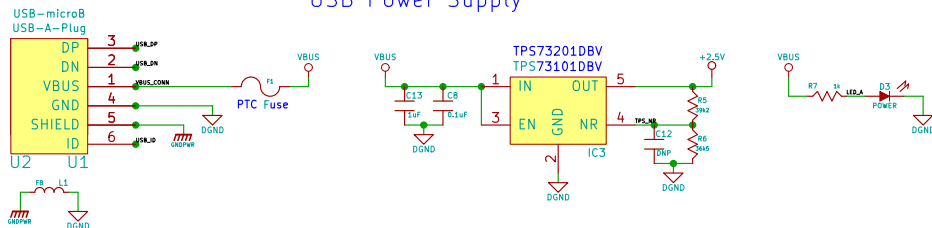
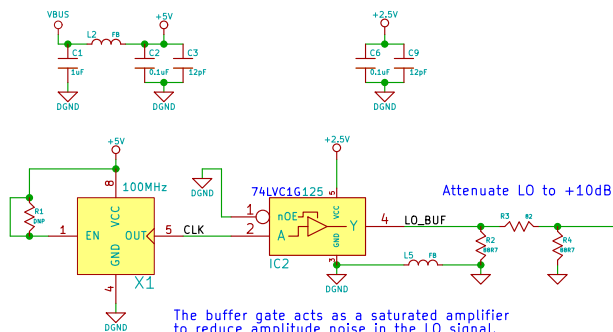


USB Power Supply

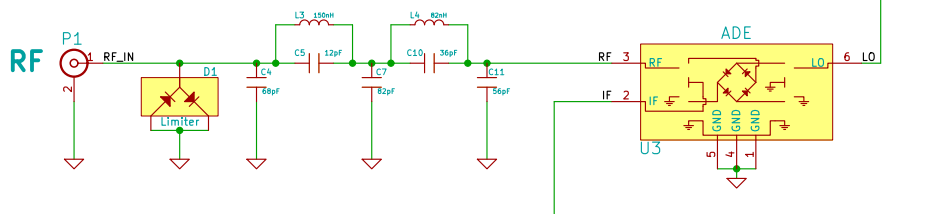


Oscillator



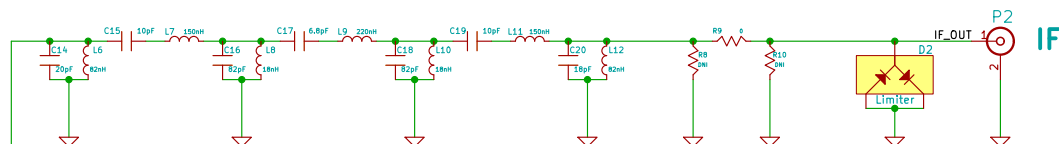
Elliptic Lowpass Filter

<0.3dB ripple below 46MHz
<1.5dB ripple below 67MHz
-3dB cutoff at 69MHz
>40dB attenuation at >88MHz

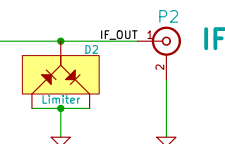


Butterworth Bandpass Filter

Minimum -1dB outside 102MHz to 168MHz
Minimum -3dB outside 100MHz to 171MHz
Minimum -30dB outside 85MHz to 198MHz



Attenuator



For more information visit www.opendous.org/Upconverter
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File: Upconverter-100MHz-ADE.sch

Sheet: /

Title: Upconverter-100MHz-ADE

Size: A4

Date: 23 jul 2012

Rev: 1.0

KiCad E.D.A.

Id: 1/1