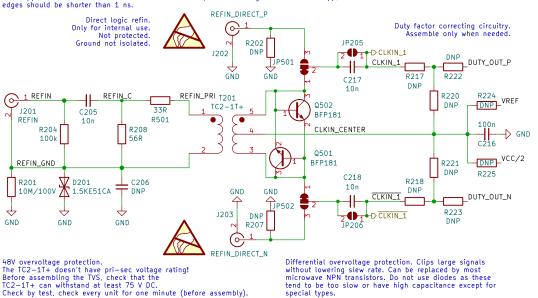
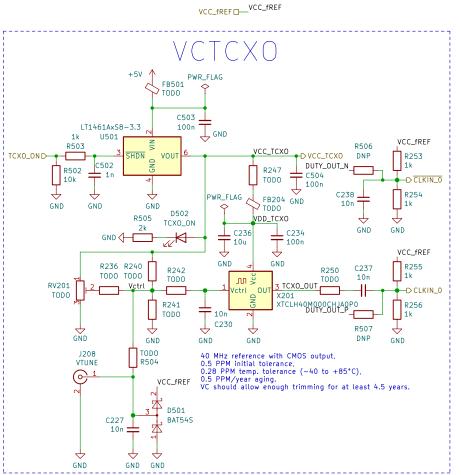




The Si53301 requires slew rate at least 750 V/us to meet 50 fs additive jitter. This would require 5.5 Vpk-pk ⊚ 10 MHz or 1.45 Vpk-pk at 40 MHz for sine wave. Therefore, clipped sine wave or rectangle is required for best jitter performance. The clipped sine should have slew rate at least 400 V/us and voltage at least 150 mVpp, edges should be shorter than 1 ns.





Dual channel symmetric outputs TCXO / external input, LMX2572/LMX2592 001, 2021-11-13 09:38

Petr Polasek

Sheet: /Clock reference/Input Clocks/

File: input_clocks.kicad_sch

Title: Generator 0.0125 - 6.4 GHz (0.02 - 9.8 GHz)

 Size: A4
 Date: 2021-11-13
 Rev: 211113-001

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