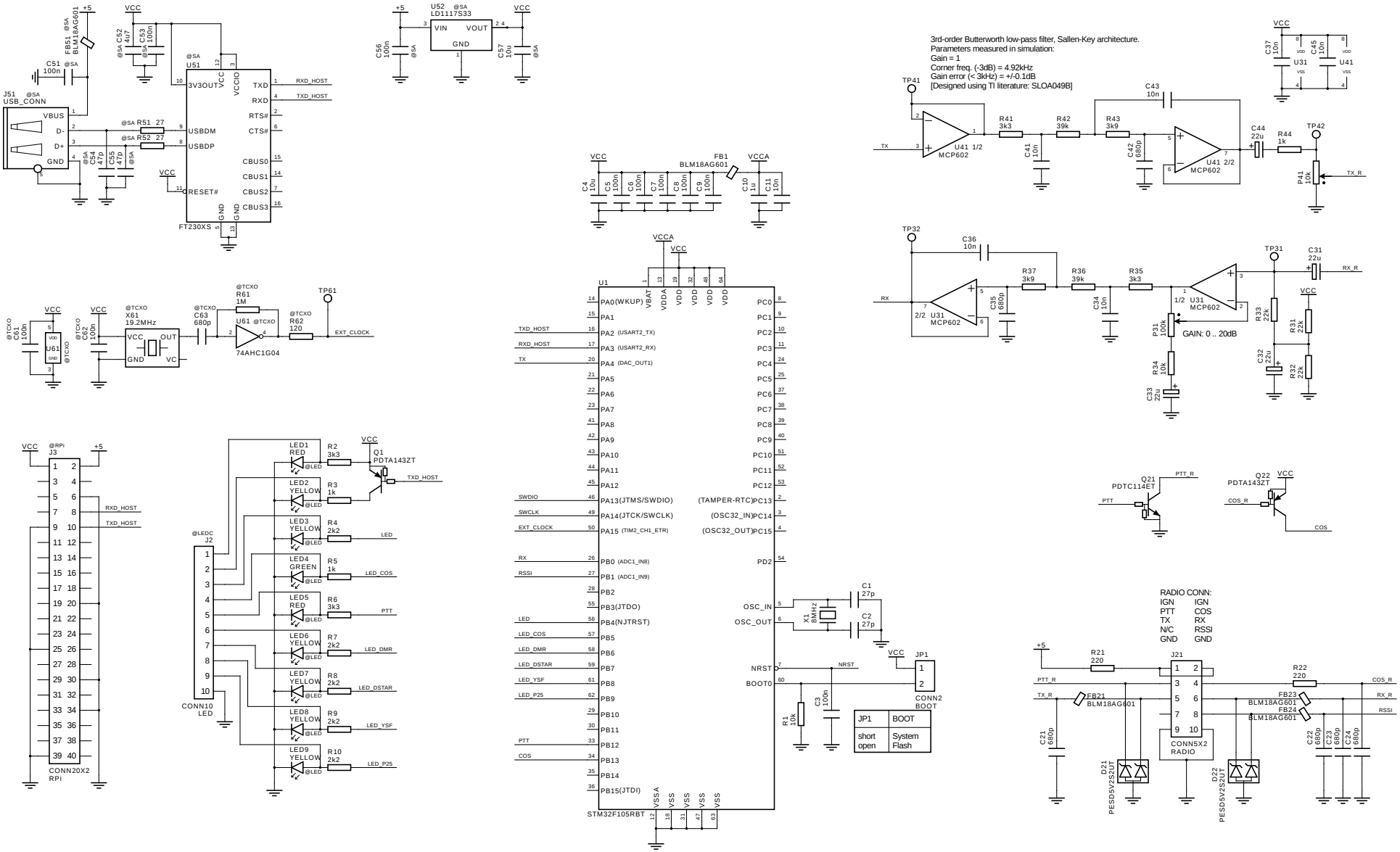
3rd-order Butterworth low-pass filter, Sallen-Key architecture.
Parameters measured in simulation:
Gain = 1
Corner freq. (-3dB) = 4.92kHz
Gain error (< 3kHz) = +/-0.1dB
[Designed using TI literature: SLOA049B]
GAIN: 0 .. 20dB
RADIO CONN:
IGN IGN
PTT COS
TX RX
N/C RSSI
GND GND
JP1 BOOT
short System
open Flash
STM32F105RBT
FT230XS
CONN20X2 RPi
CONN10 LED
CONN5X2 RADIO
CONN2 BOOT
CONN3x2 ST-LINK
USB_CONN
Board configurations:
@SA: Stand Alone
@RPi: Raspberry Pi connected
@TCXO: With TCXO
@LED: On-board LEDs
@LEDC: LED connector
TITLE
MMDVM Board
(SQ6POG's concept)
REV. 0.2
DATE 28-03-2017
SIZE A3
FILE mmdvm_pog.sch
DRAWN BY Wojciech Krutnik
PROJECT MMDVM_pog
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