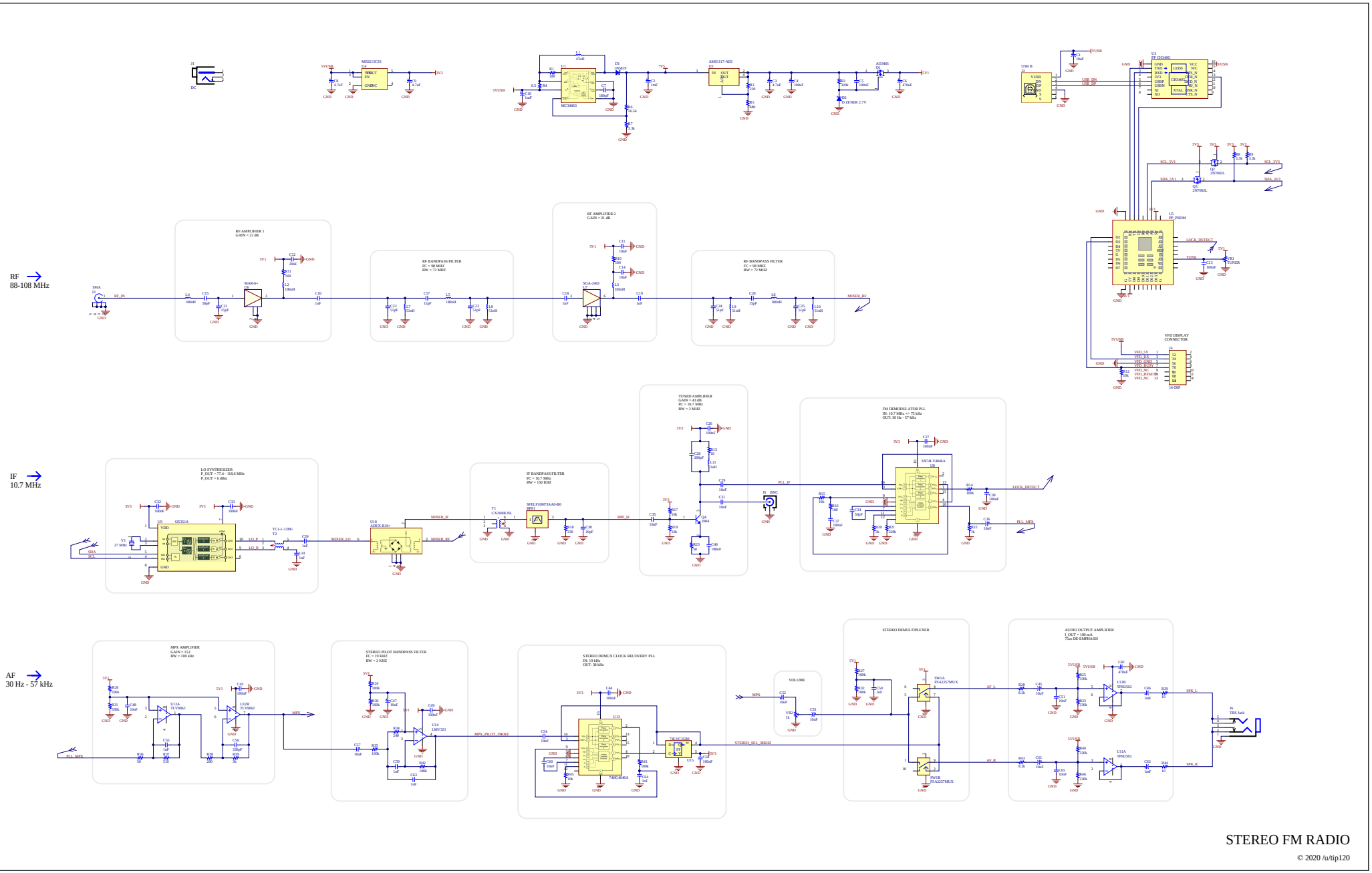
RF
88-108 MHz
IF
10.7 MHz
AF
30 Hz - 57 kHz
RF AMPLIFIER 1
GAIN = 22 dB
RF BANDPASS FILTER
FC = 98 MHZ
BW = 72 MHZ
RF AMPLIFIER 2
GAIN = 21 dB
RF BANDPASS FILTER
FC = 98 MHZ
BW = 72 MHZ
LO SYNTHESIZER
F_OUT = 77.4 - 118.6 MHz
P_OUT = 6 dBm
IF BANDPASS FILTER
FC = 10.7 MHz
BW = 150 KHZ
TUNED AMPLIFIER
GAIN = 43 dB
FC = 10.7 MHz
BW = 3 MHZ
FM DEMODULATOR PLL
IN: 10.7 MHz +/- 75 kHz
OUT: 30 Hz - 57 kHz
MPX AMPLIFIER
GAIN = 153
BW = 100 kHz
STEREO PILOT BANDPASS FILTER
FC = 19 KHZ
BW = 2 KHZ
STEREO DEMUX CLOCK RECOVERY PLL
IN: 19 kHz
OUT: 38 kHz
VOLUME
STEREO DEMULTIPLEXER
AUDIO OUTPUT AMPLIFIER
I_OUT = 100 mA
75ωω DE-EMPHASIS
STEREO FM RADIO
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