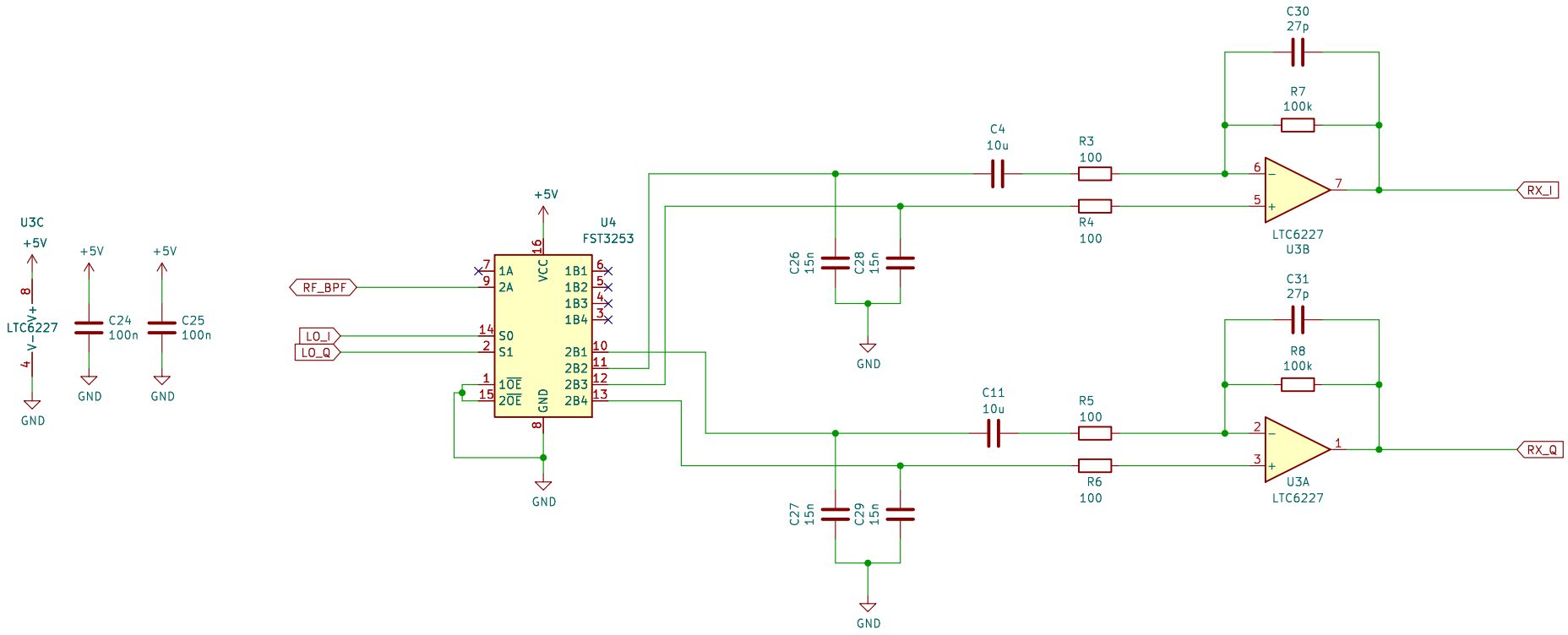
R, C values determine LPF cutoff
1/(2 * pi * 27e-9 * 100) ~= 59kHz

R, values determine gain
100k/100 = 1000x
20*log10(100k/100) = 60dB




Sheet: /Quadrature Sampling Detector/
File: qsd.kicad_sch

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