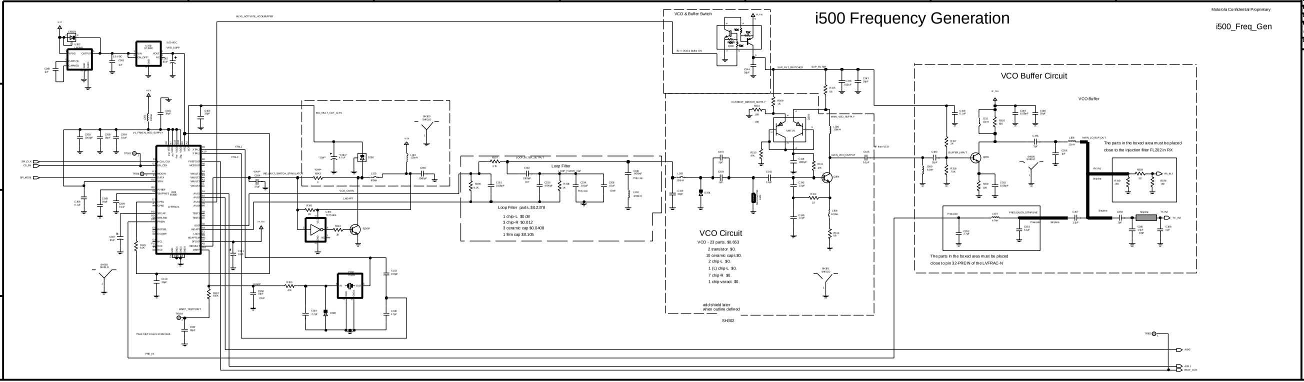
i500 Frequency Generation

Motorola Confidential Proprietary

i500_Freq_Gen



The parts in the boxed area must be placed close to the injection filter FL202 in RX

The parts in the boxed area must be placed close to pin 32-PREIN of the LVFRAC-N

Loop Filter parts, $0.2378

1 chip-L $0.08
3 chip-R $0.012
3 ceramic cap $0.0408
1 film cap $0.105

VCO Circuit

VCO - 23 parts, $0.653
2 transistor $0.
10 ceramic caps $0.
2 chip-L $0.
1 (L) chip-L $0.
7 chip-R $0.
1 chip-varact $0.

add shield later
when outline defined

SH302

Engineer:	MOTOROLA INC
Drawn by: Thomas Voor	TITLE: i500_Freq_Gen_Block
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