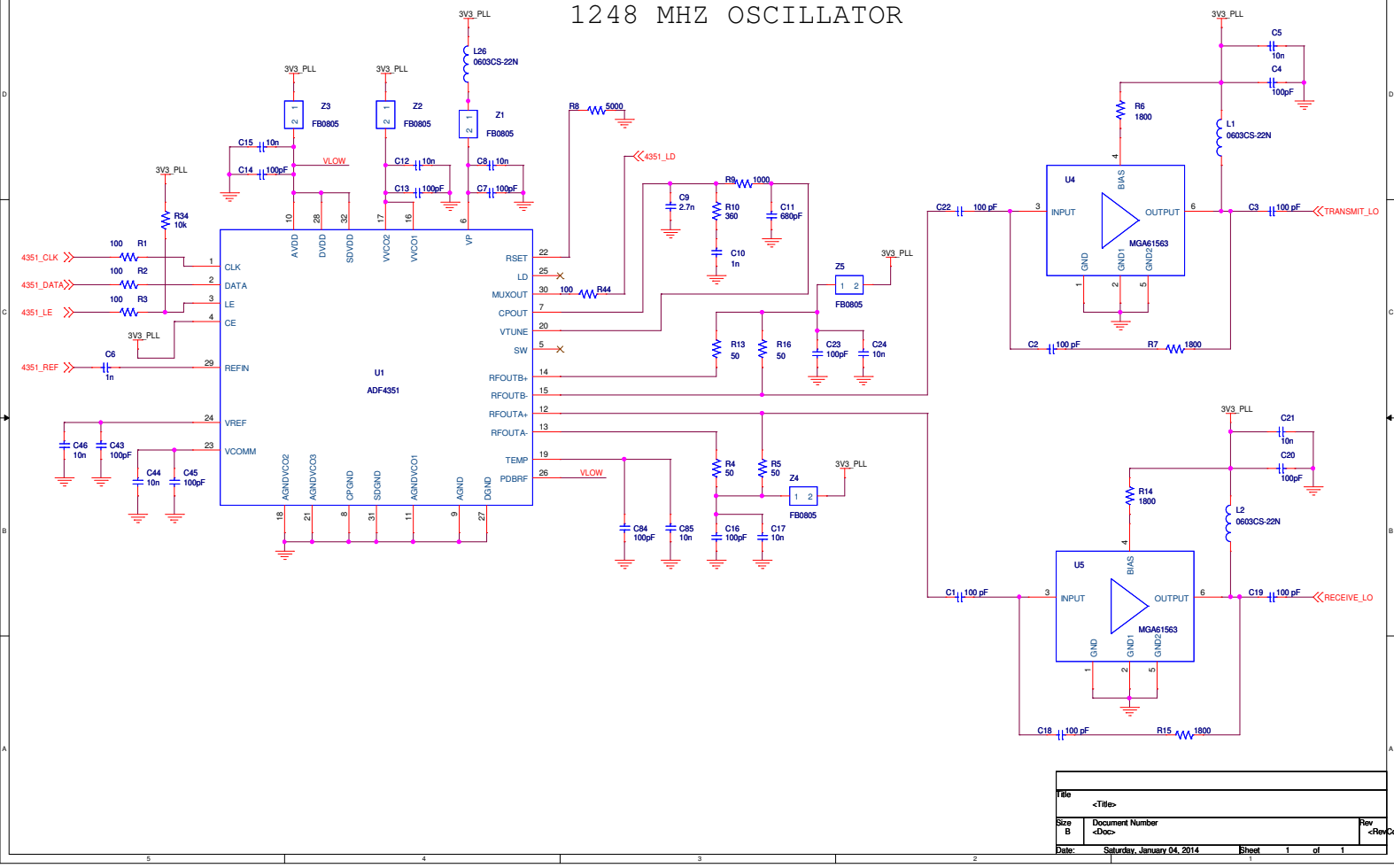
1248 MHZ OSCILLATOR



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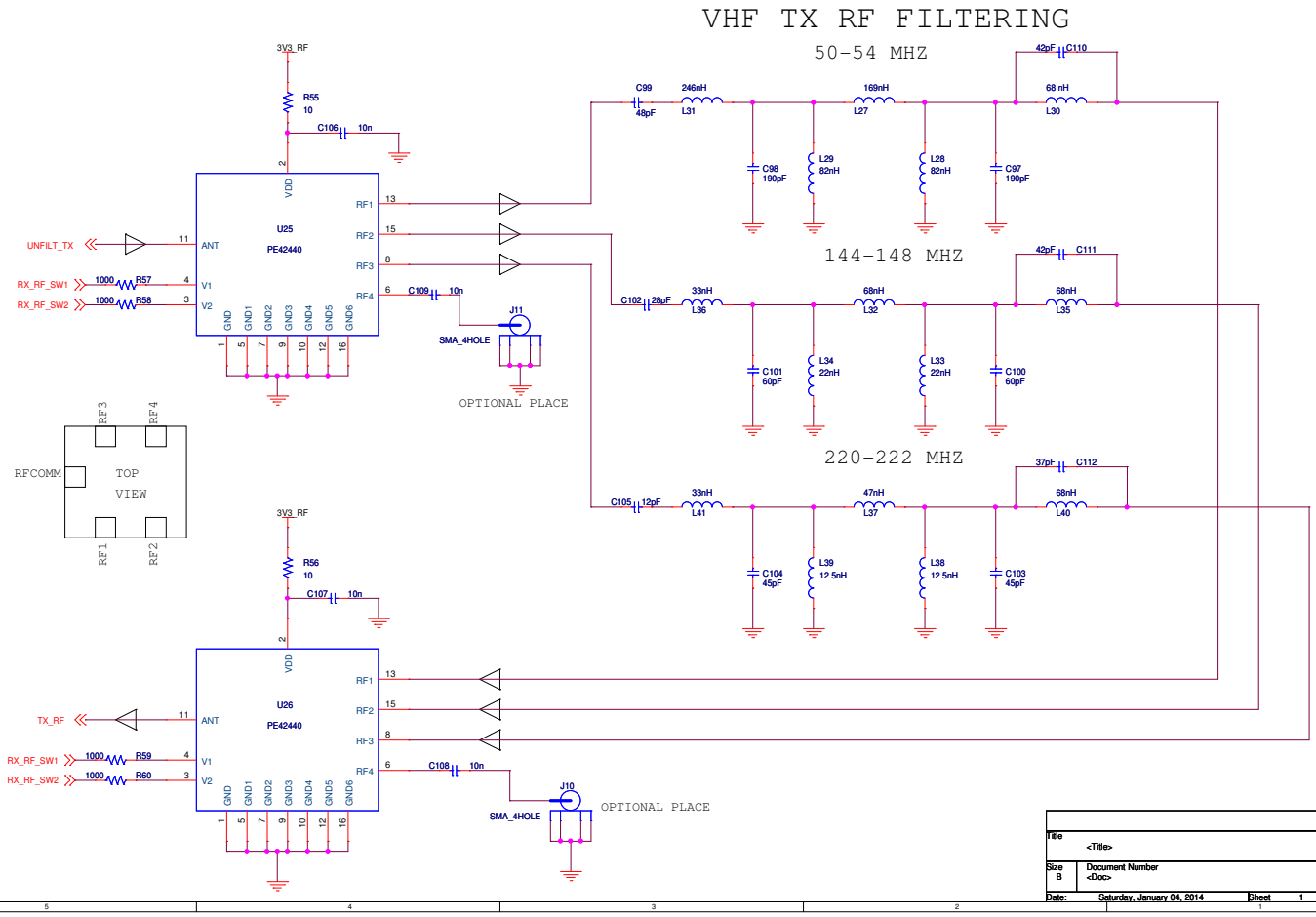

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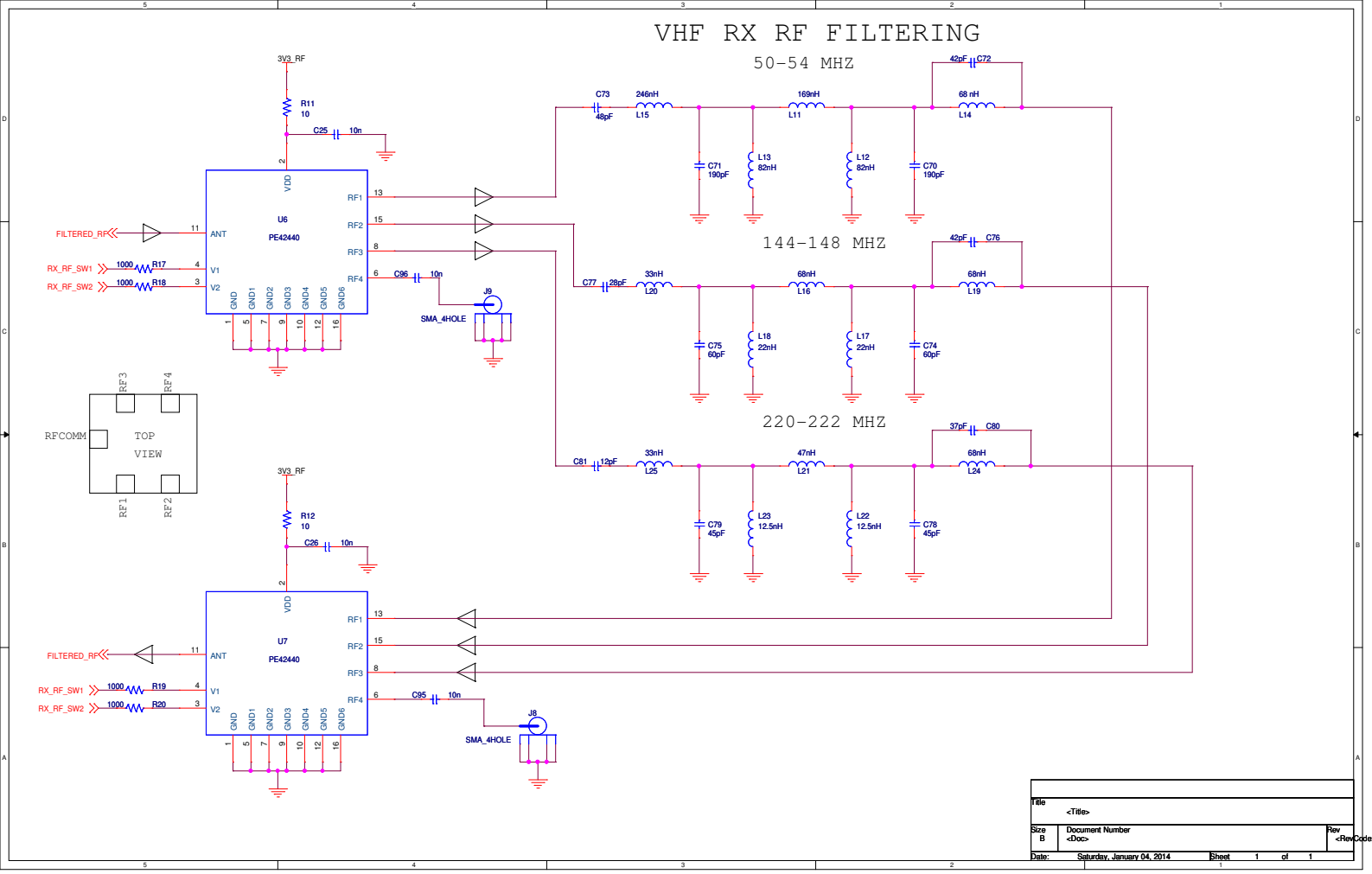
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144-148 MHZ
220-222 MHZ
3V3_RF
R11
10
C25
10n
U6
PE42440
VDD
ANT
V1
V2
RF1
RF2
RF3
RF4
GND
GND1
GND2
GND3
GND4
GND5
GND6
FILTERED_RF
RX_RF_SW1
RX_RF_SW2
R17
R18
1000
C96
10n
J9
SMA_4HOLE
C73
48pF
246nH
L15
169nH
L11
42pF
C72
68 nH
L14
C71
190pF
L13
82nH
L12
82nH
C70
190pF
C77
28pF
33nH
L20
68nH
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42pF
C76
68nH
L19
C75
60pF
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22nH
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C81
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L21
37pF
C80
68nH
L24
C79
45pF
L23
12.5nH
L22
12.5nH
C78
45pF
RFCOMM
TOP
VIEW
R12
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C26
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J8
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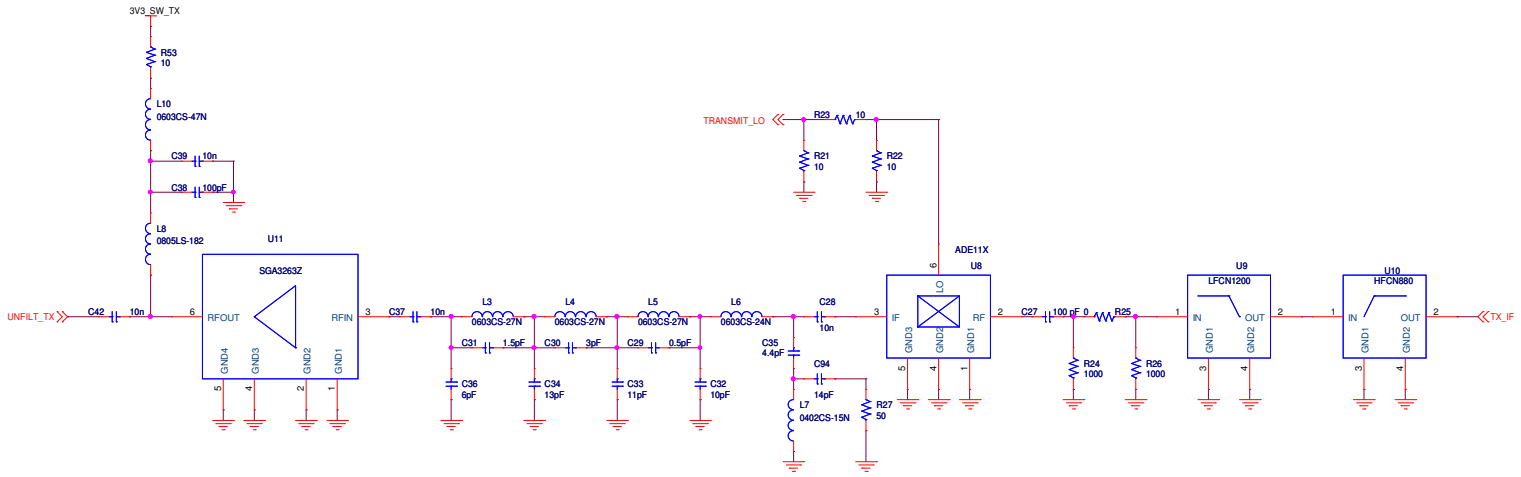
30-300 MHZ TRANSMIT CONVERTER



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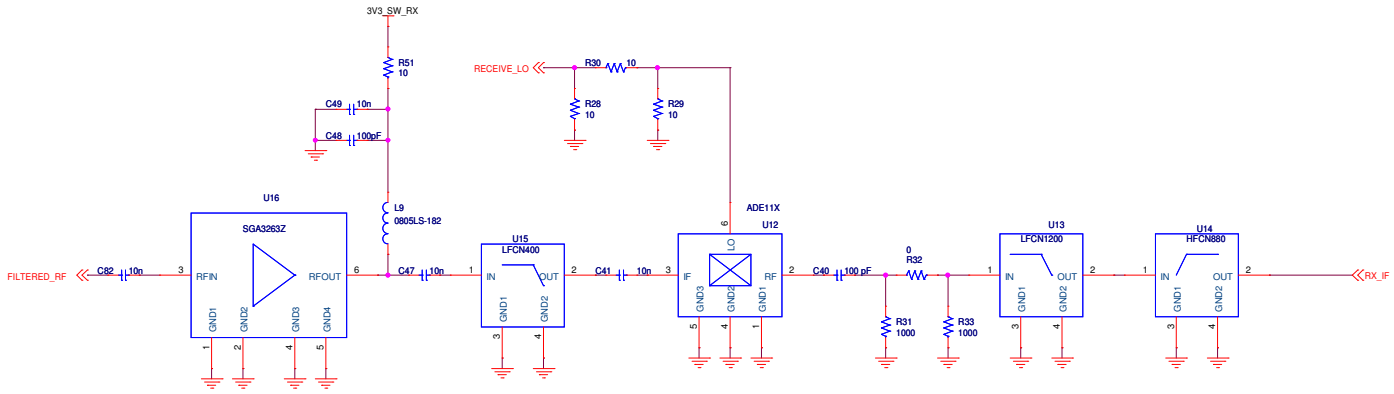
30-300 MHZ RECEIVE CONVERTER



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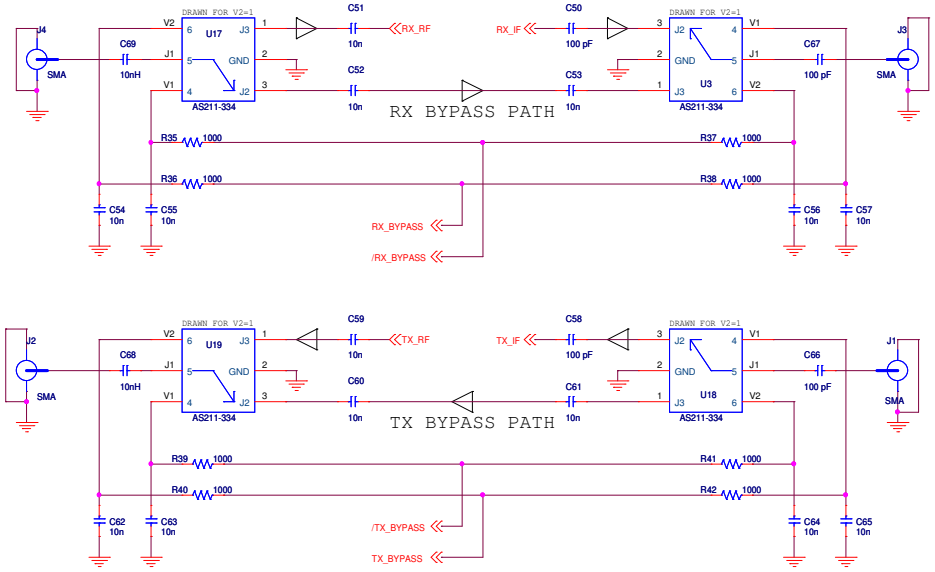
BYPASS SWITCHING



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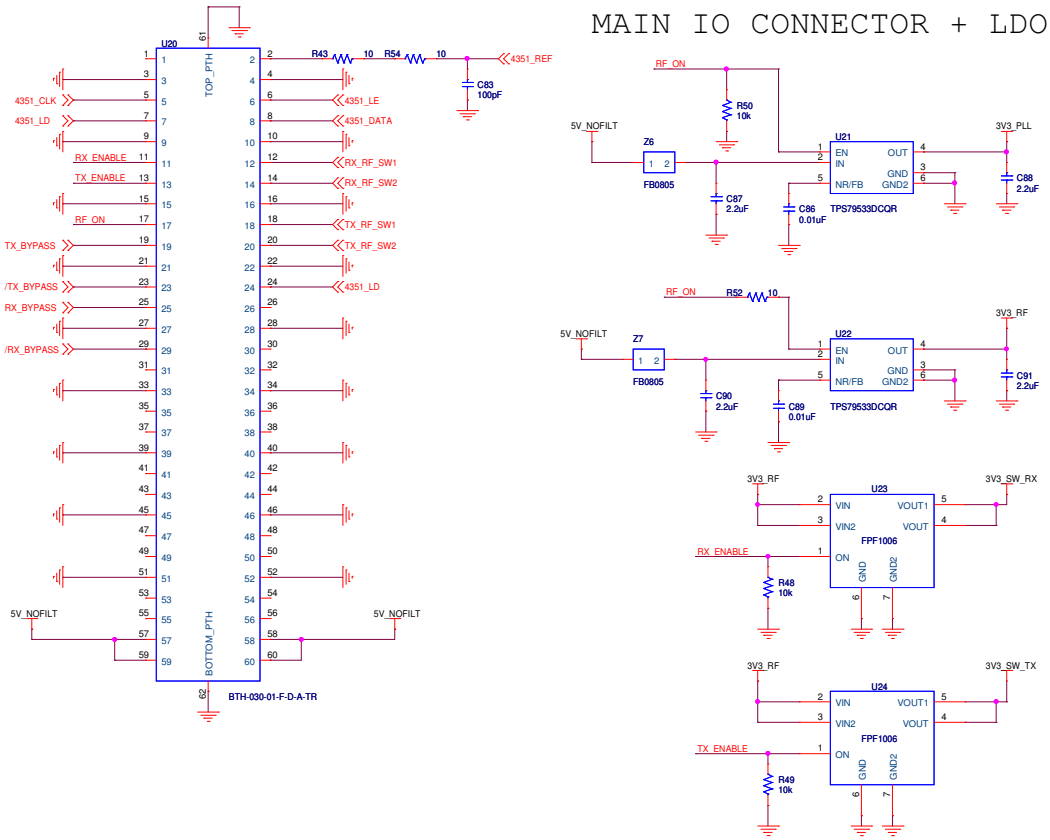
MAIN IO CONNECTOR + LDO'S



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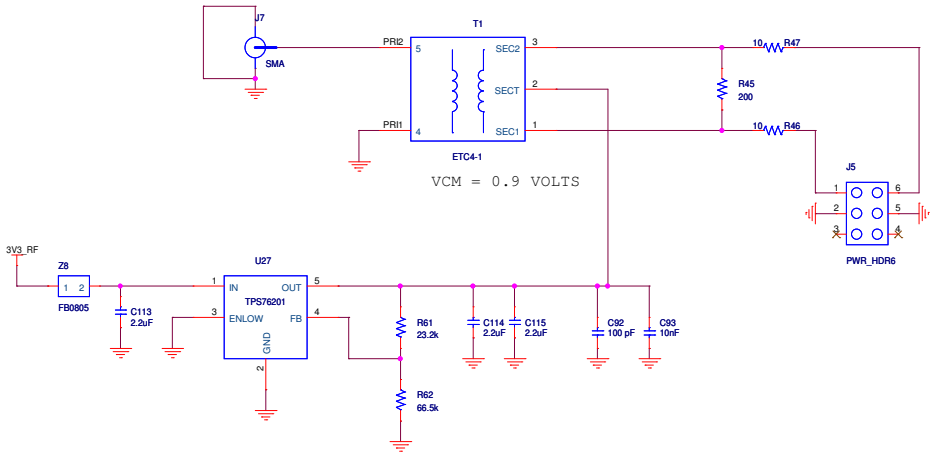
DIRECT CONNECTION TO ADC



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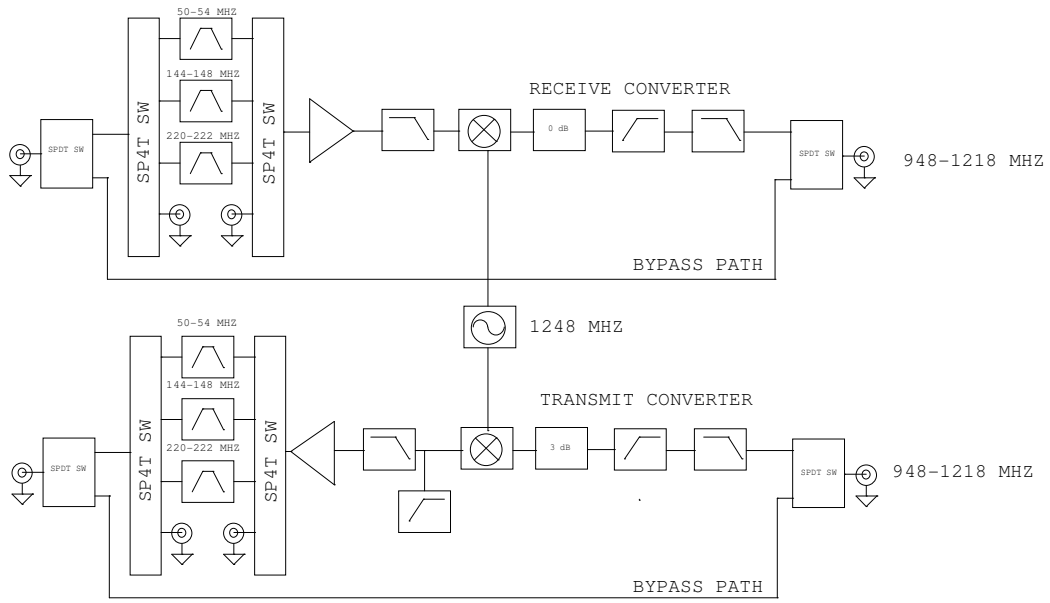
BLOCK DIAGRAM



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