

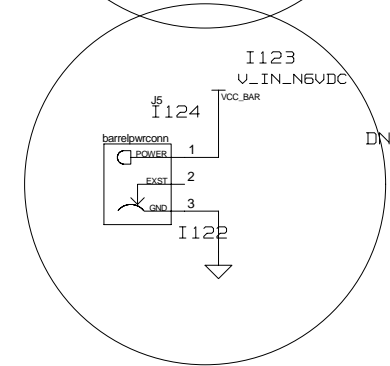
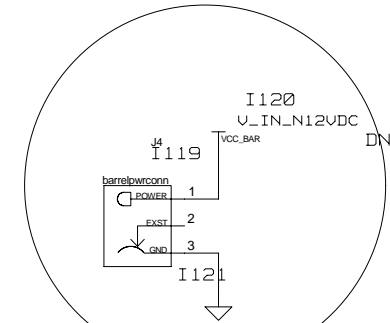
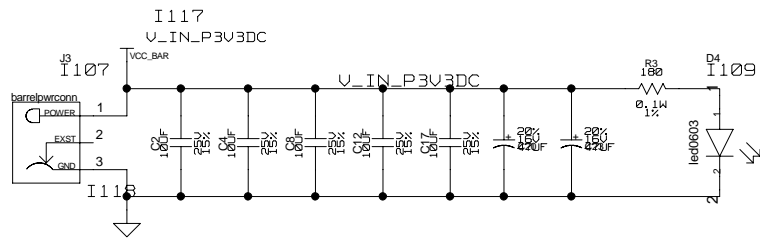
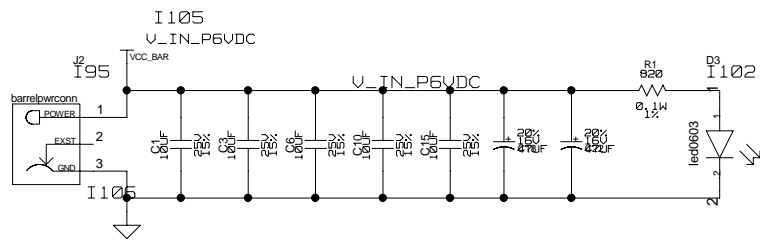
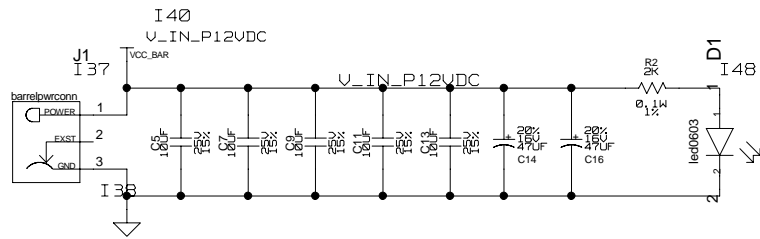
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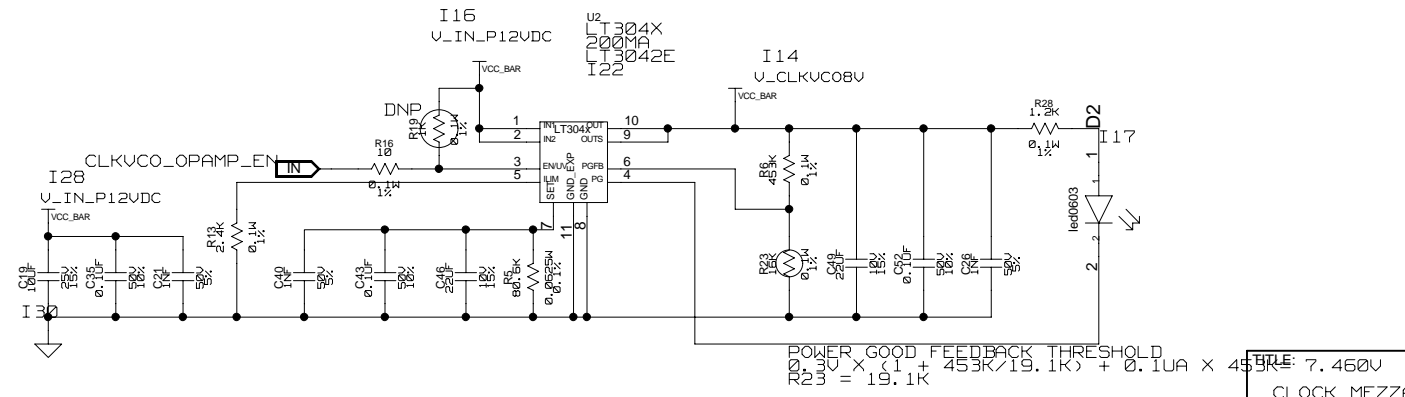
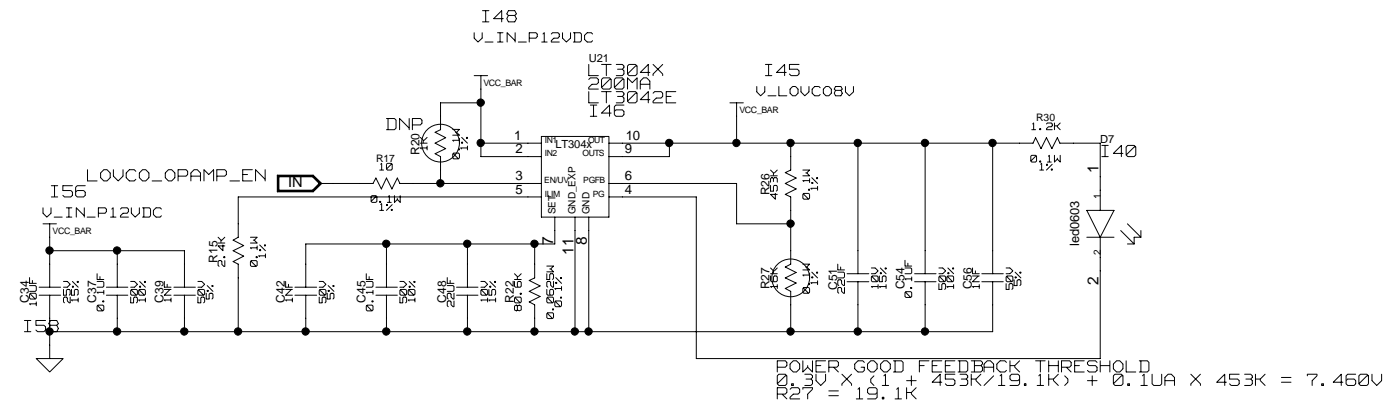
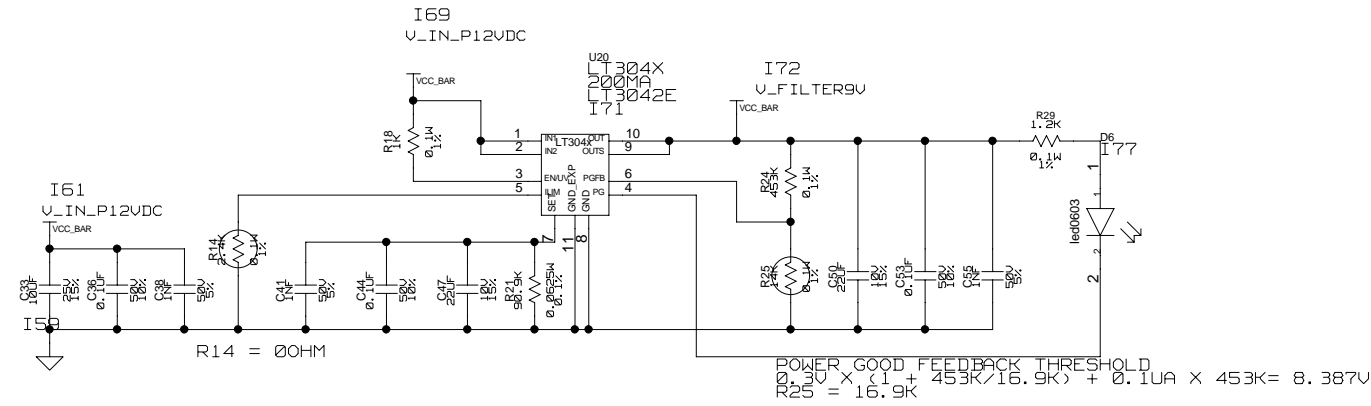
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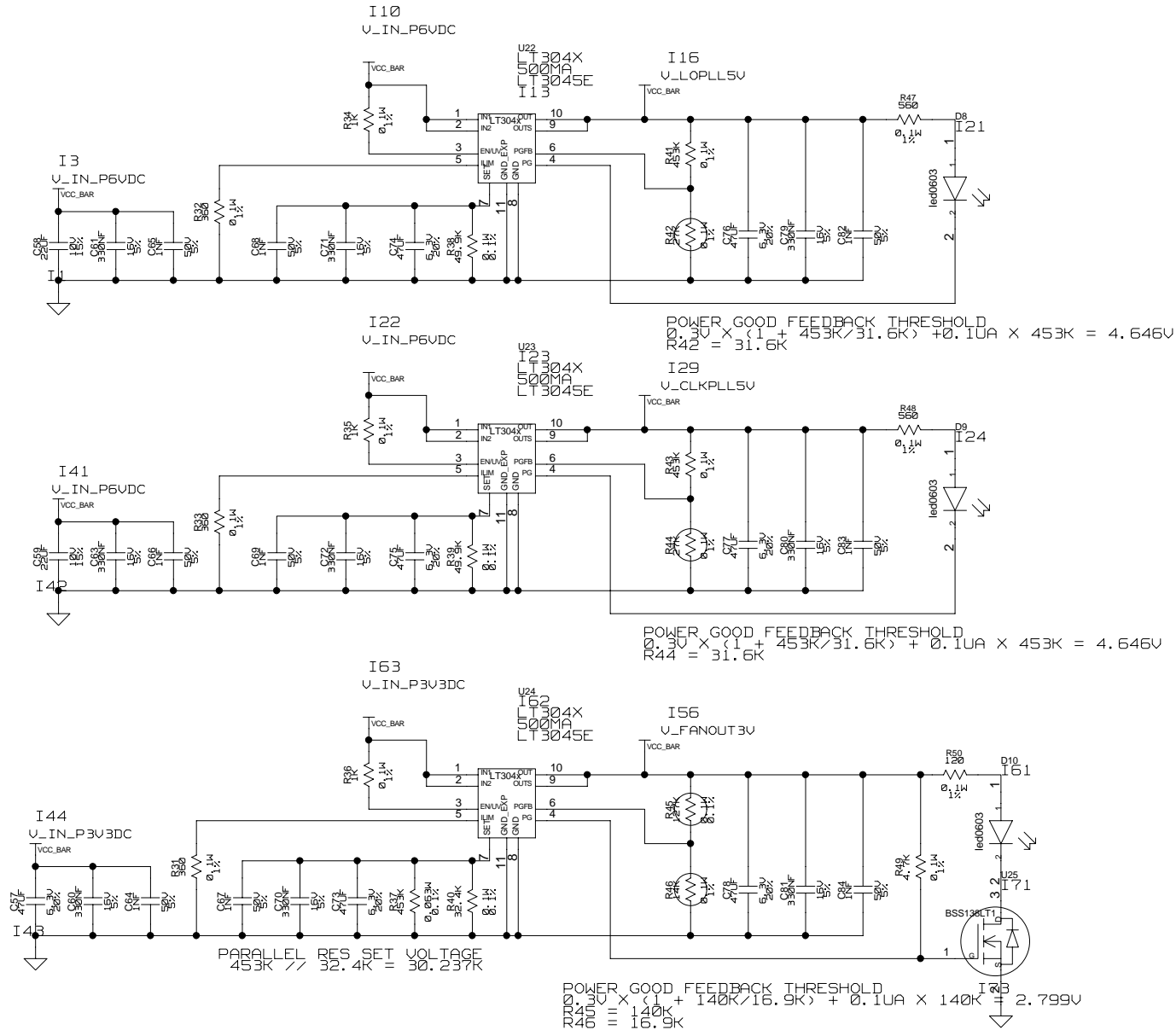
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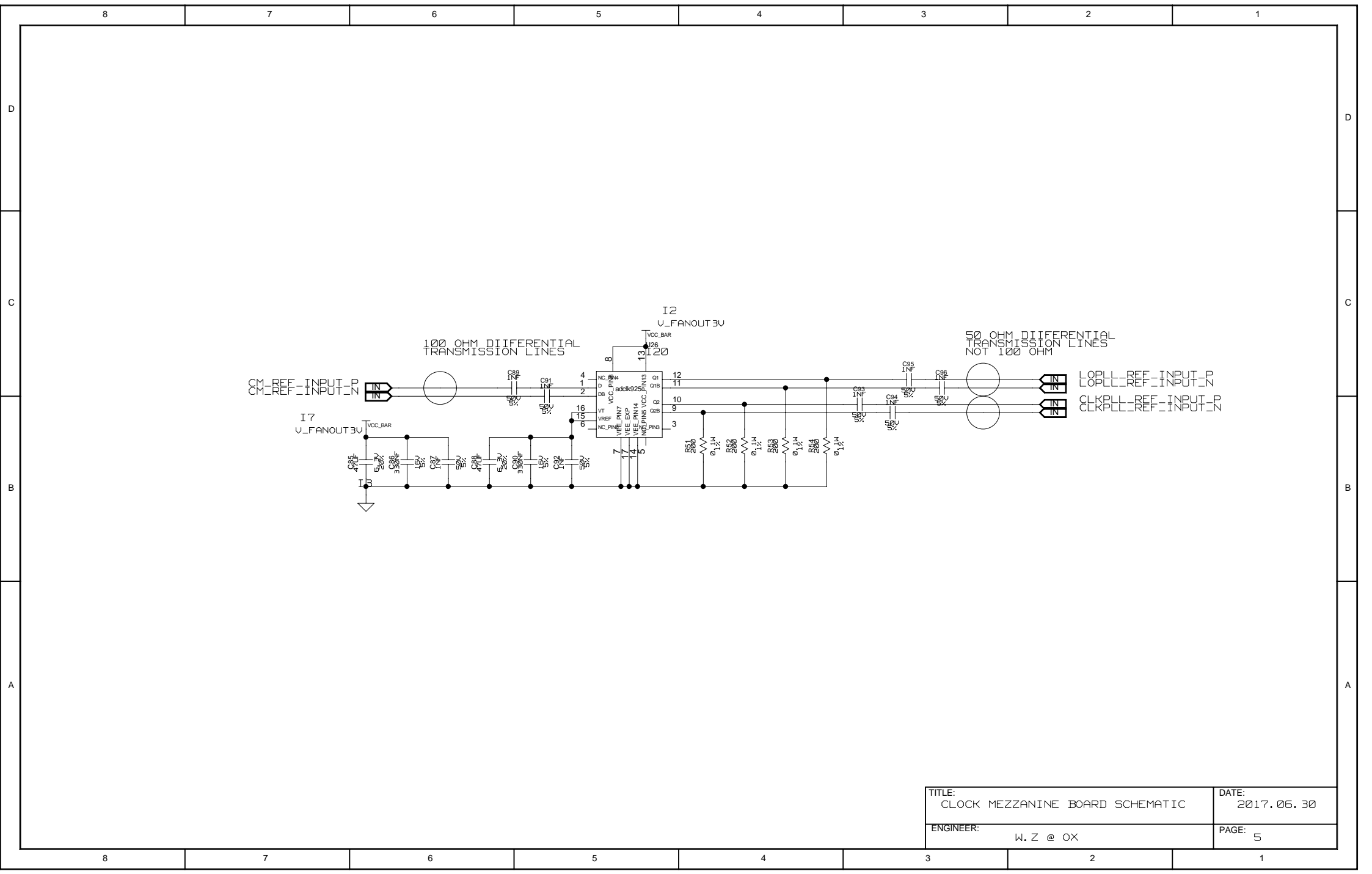
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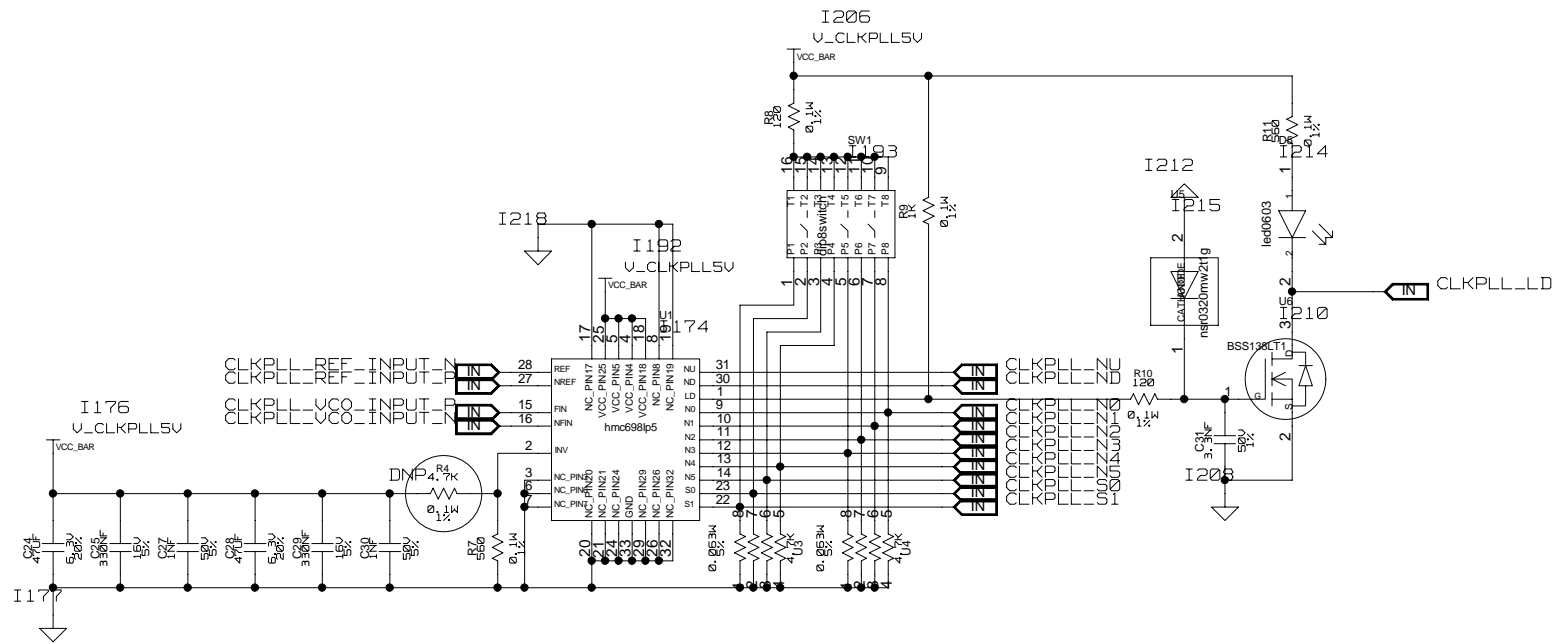
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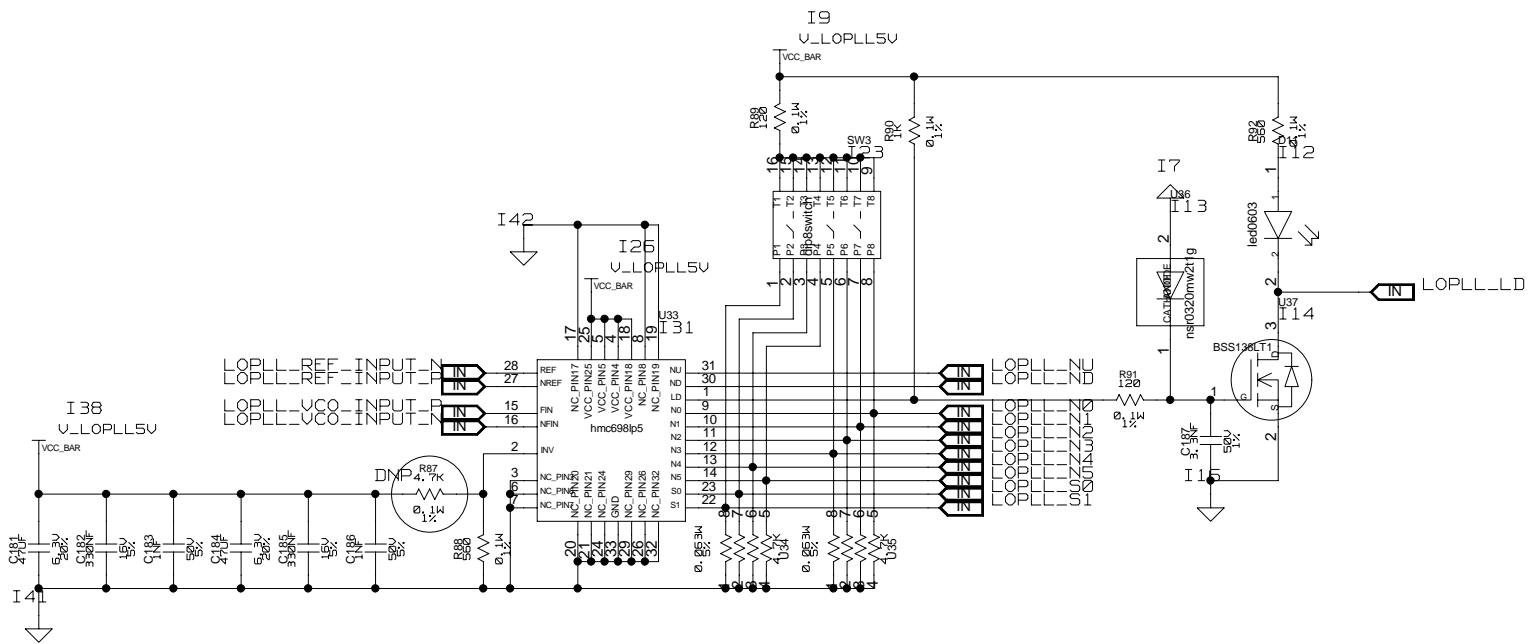
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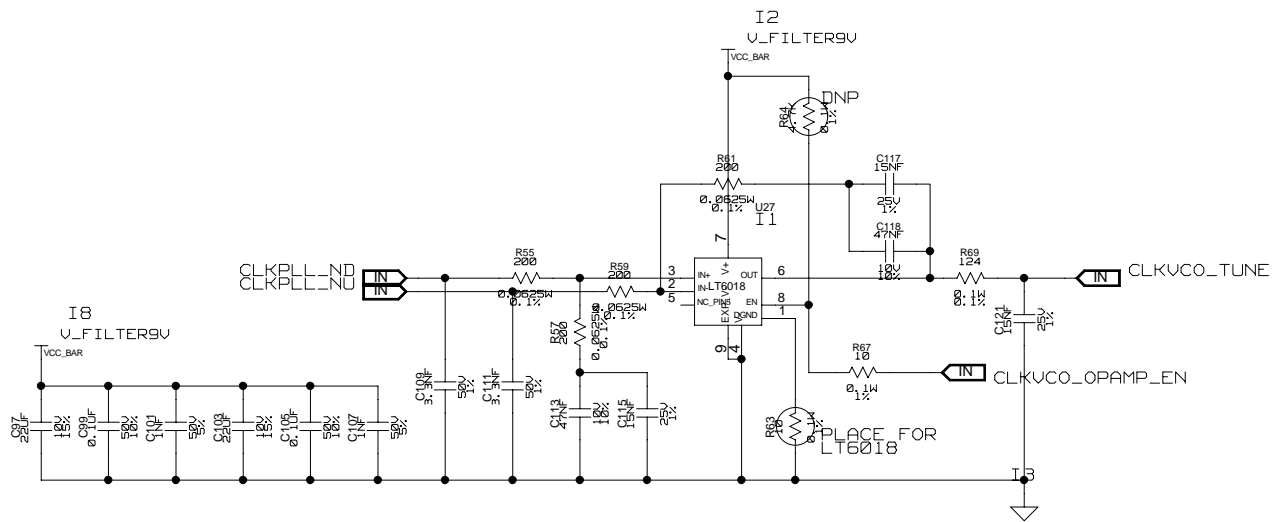
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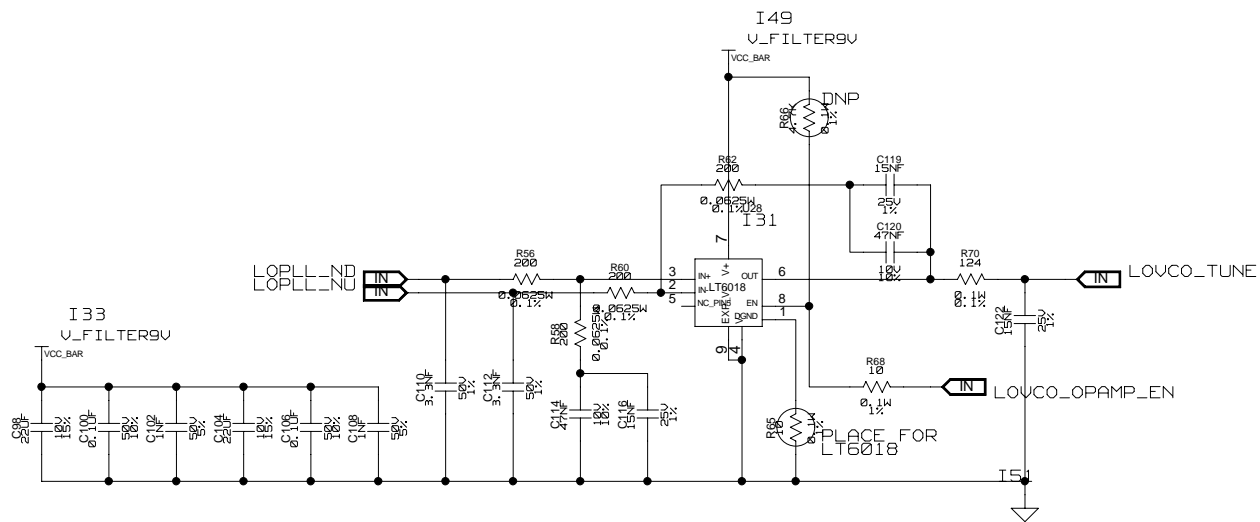
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CLKPLL	
C109	2200 pF
C111	2200 pF
R55	200 Ohm
R59	200 Ohm
R57	100 Ohm
C113	47 nF
C115	220 nF
R61	100 Ohm
C117	220 nF
C118	47 nF
R69	39 Ohm
C121	10 nF



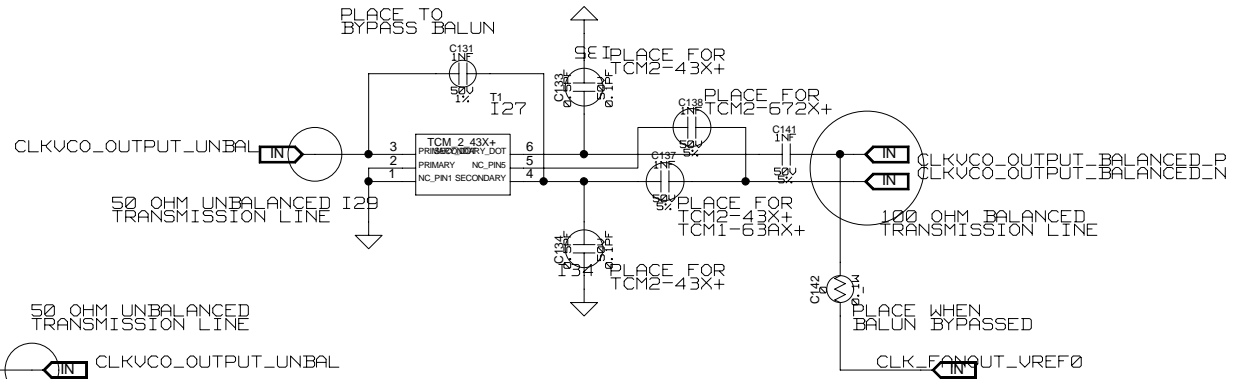
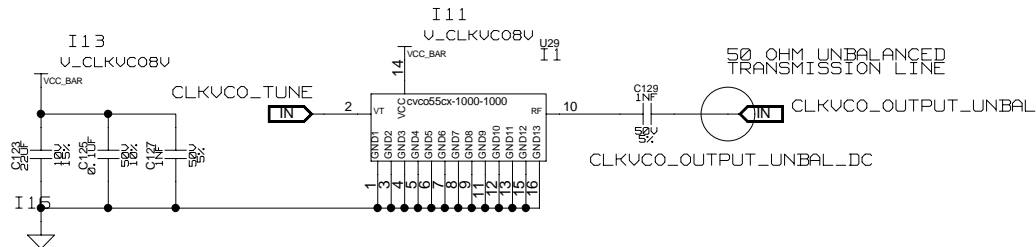
LOPLL	
C110	2200 pF
C112	2200 pF
R56	200 Ohm
R60	200 Ohm
R58	100 Ohm
C114	47 nF
C116	220 nF
R62	100 Ohm
C119	220 nF
C120	47 nF
R70	39 Ohm
C122	10 nF

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BY DEFAULT BALUN IS NOT PLACED.
 THE PLACED COMPONENTS ARE
 C131 = 1NF
 C142 = 0 OHM
 T1, C133, C134, C137, C138 AND C141 SHOULD BE DNP

WHEN VCO OUTPUT POWER IS HIGHER THAN ~5DBM
 BALUN SHOULD BE PLACED.
 FOR VCO FREQUENCIES BELOW 3GHZ, TCM2-43X+ IS SUGGESTED.
 THE PLACED COMPONENTS ARE
 C131 = 1NF
 C133 = 0.01UF
 C134 = 0.01UF
 C137 = 0.01UF
 C138 = 0.01UF
 C141 = 1NF
 C142 = 0 OHM

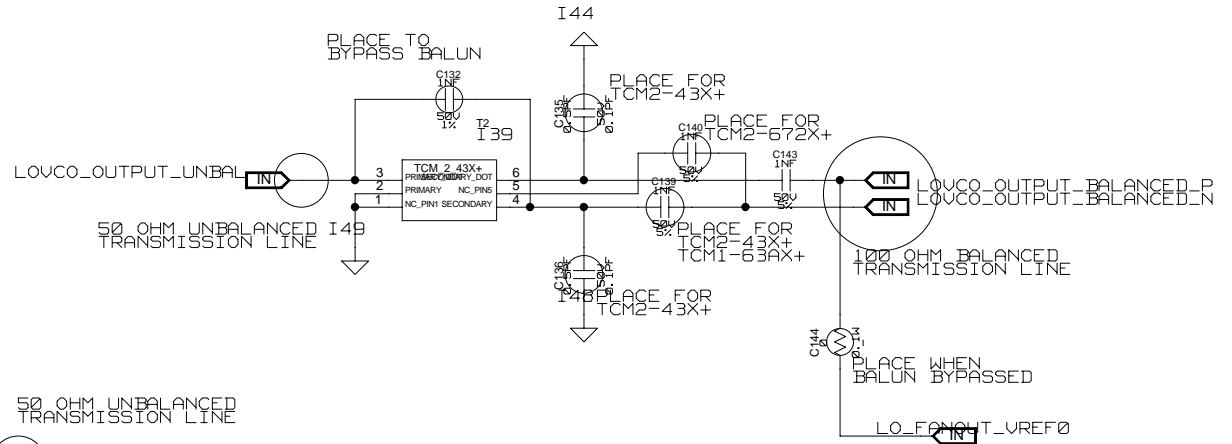
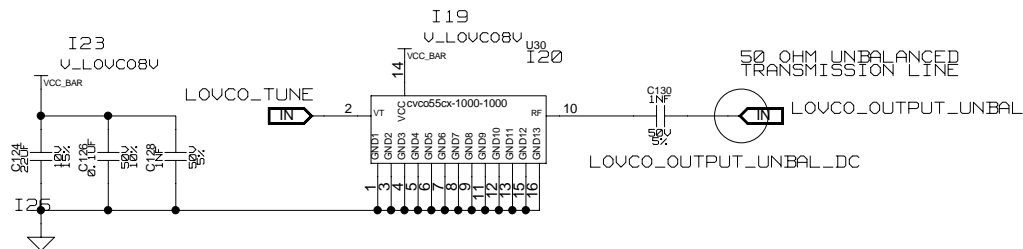
FOR VCO FREQUENCIES ABOVE 3GHZ, TCM2-672X+ IS SUGGESTED.
 THE PLACED COMPONENTS ARE
 C131 = 1NF
 C133 = 0.01UF
 C134 = 0.01UF
 C137 AND C142 SHOULD BE DNP



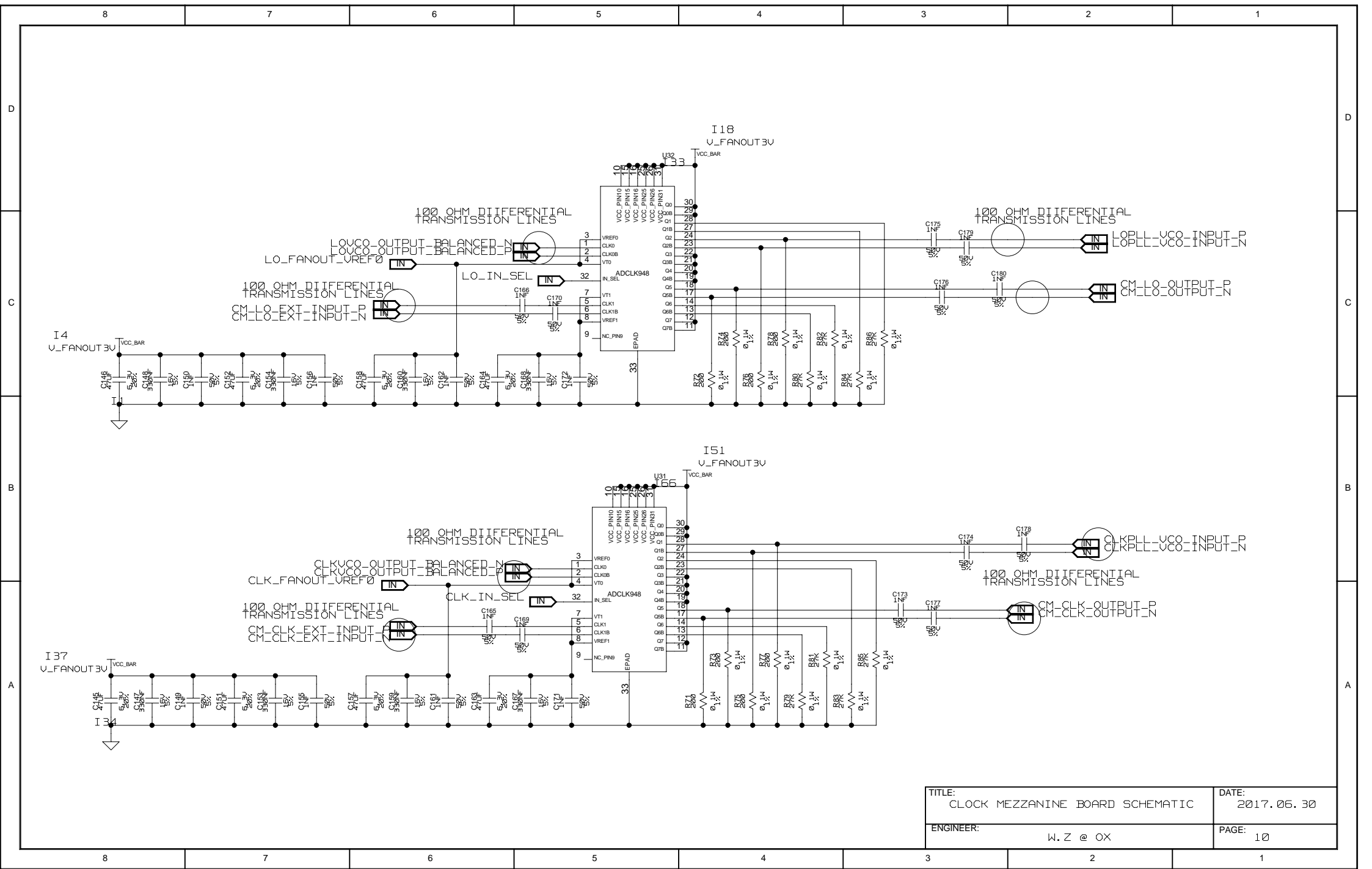
BY DEFAULT BALUN IS NOT PLACED.
 THE PLACED COMPONENTS ARE
 C135 = 1NF
 C143 = 0 OHM
 T2, C135, C136, C139, C140 AND C143 SHOULD BE DNP

WHEN VCO OUTPUT POWER IS HIGHER THAN ~5DBM
 BALUN SHOULD BE PLACED.
 FOR VCO FREQUENCIES BELOW 3GHZ, TCM2-43X+ IS SUGGESTED.
 THE PLACED COMPONENTS ARE
 C135 = 1NF
 C136 = 0.01UF
 C139 = 0.01UF
 C140 = 0.01UF
 C143 = 0 OHM

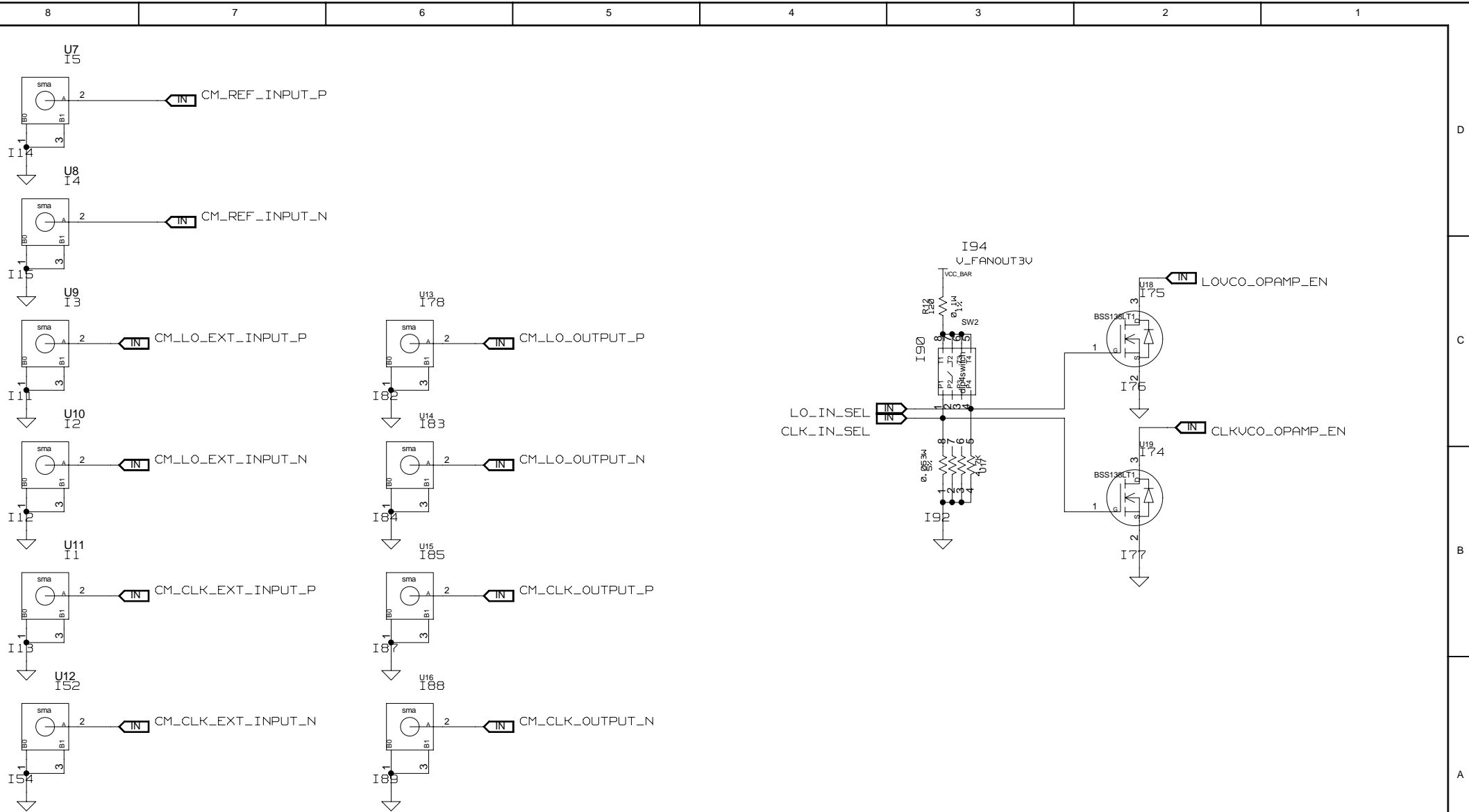
FOR VCO FREQUENCIES ABOVE 3GHZ, TCM2-672X+ IS SUGGESTED.
 THE PLACED COMPONENTS ARE
 C135 = 1NF
 C136 = 0.01UF
 C139 AND C144 SHOULD BE DNP



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