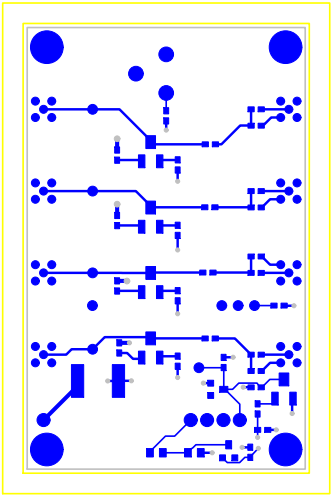

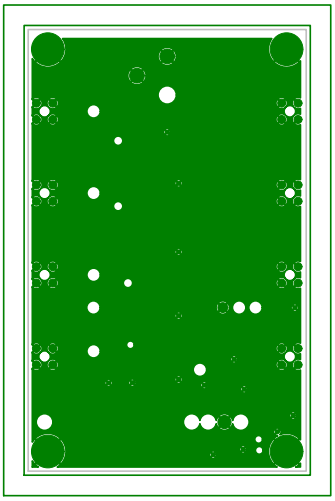

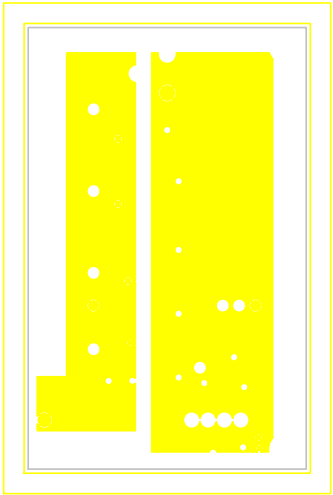

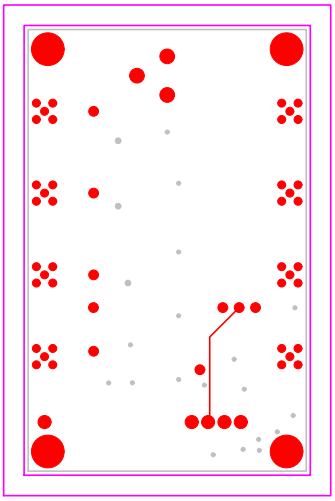

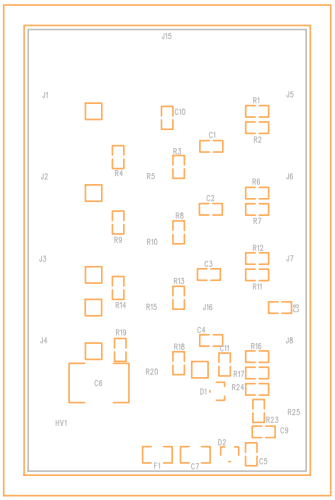
J15
J1
C10
R1
J5
C1
R2
R3
R4
R5
J2
R6
J6
C2
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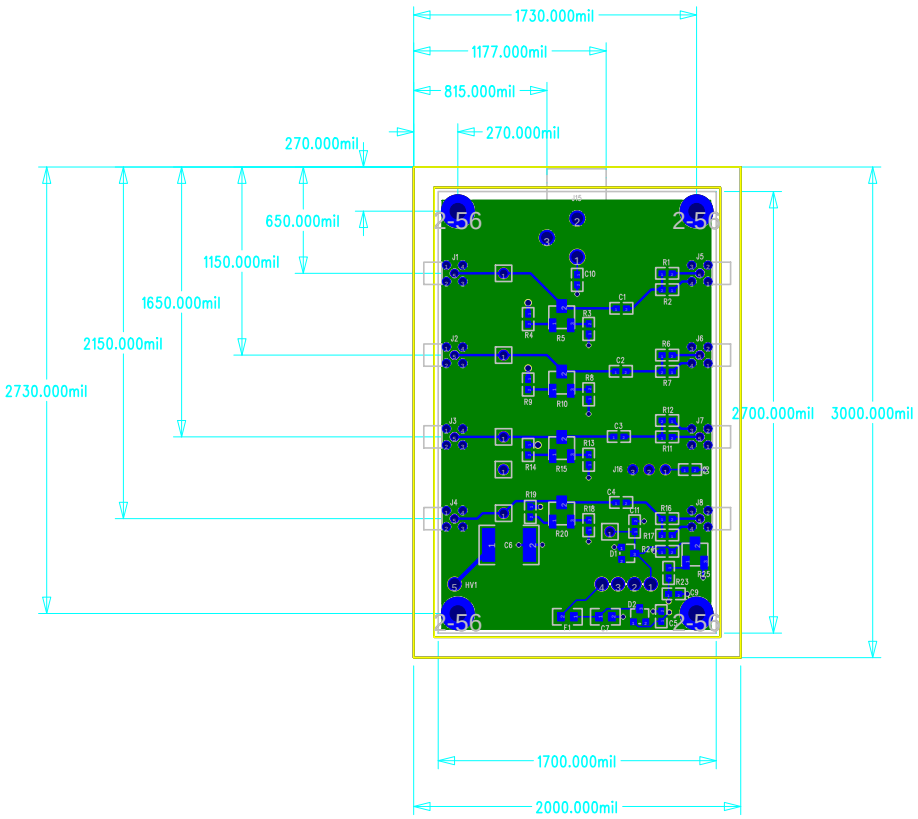
R8
R9
R10
R12
J3
C3
J7
R11
R13
R14
R15
J16
R5
C4
R19
J4
R18
CH1
R16
J8
R20
R17
C6
D1
R24
R25
HV1
R23
C9
D2
F1
C7
C5



Board Stack Up

Layers:	Thickness(mils):
Top	1.35 (1 oz copper)
Dielectric	9
GND	1.35 (1 oz copper)
Dielectric	38.6
PWR	1.35 (1 oz copper)
Dielectric	9
Bottom	1.35 (1 oz copper)

board material = FR4
overall board dimensions = 1.7 in * 2.7 in
solder mask color = green
slikscreen color = white
Total Board thickness = 62mils
Mounting holes are 2-56
notes:
Yellow box is outer case size (2000 X 3000 X 1000).
To enable/disable SIP100 (JUMPER 16):

- ON = 5V
- OFF = GND