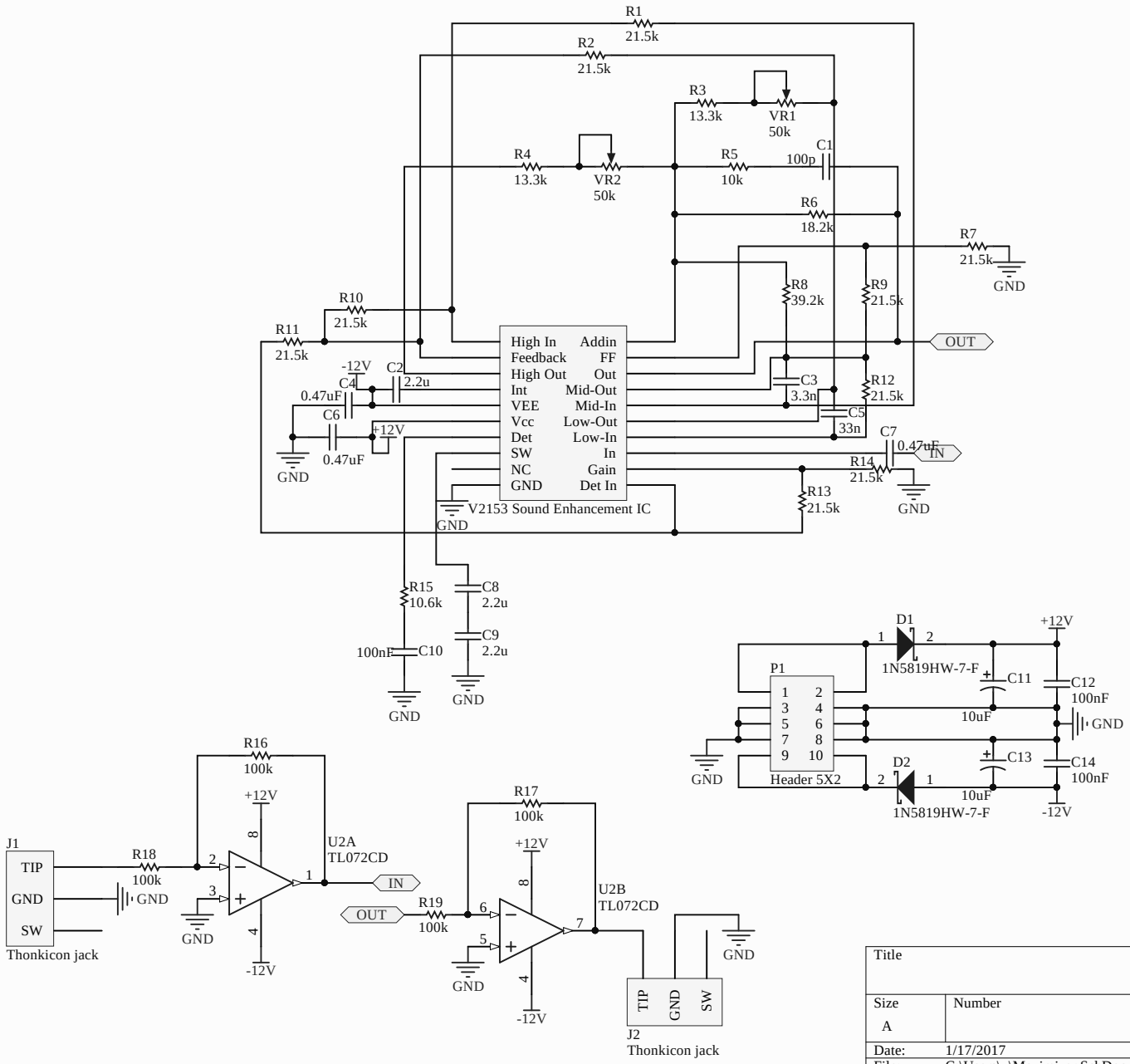
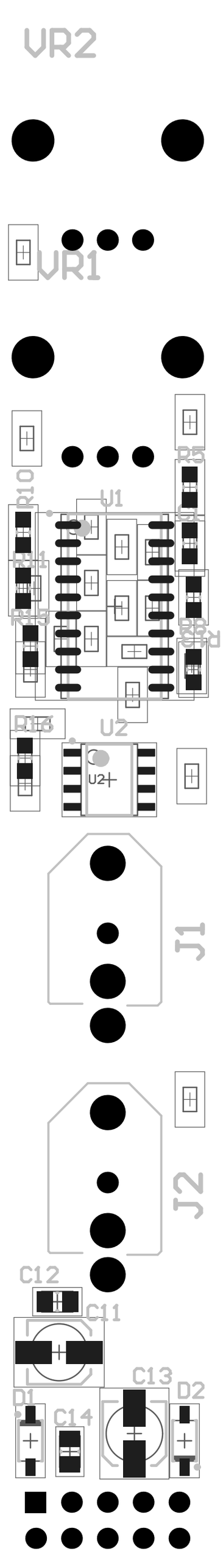

R1 21.5k
R2 21.5k
R3 13.3k
VR1 50k
R4 13.3k
VR2 50k
R5 10k
C1 100p
R6 18.2k
R7 21.5k
GND
R8 39.2k
R9 21.5k
R10 21.5k
R11 21.5k
High In
Feedback
High Out
Int
VEE
Vcc
Det
SW
NC
GND
Addin
FF
Out
Mid-Out
Mid-In
Low-Out
Low-In
In
Gain
Det In
V2153 Sound Enhancement IC
OUT
-12V
C2 2.2u
C4 0.47uF
C6 0.47uF
+12V
C3 3.3n
C5 33n
R12 21.5k
C7 0.47uF
IN
R14 21.5k
R13 21.5k
R15 10.6k
C8 2.2u
C9 2.2u
100nF C10
D1 1N5819HW-7-F
P1
Header 5X2
C11 10uF
C12 100nF
C13 10uF
C14 100nF
D2 1N5819HW-7-F
R16 100k
R17 100k
R18 100k
R19 100k
J1
TIP
GND
SW
Thonkicon jack
U2A TL072CD
U2B TL072CD
J2
Thonkicon jack
Title
Size A
Number
Revision
Date: 1/17/2017
Sheet of
File: C:\Users\..\Maximizer.SchDoc
Drawn By:


VR2
VR1
R5
R10
U1
C1
R11
R15
R8
C14
R16
U2
U2
J1
J2
C12
C11
C13
D2
D1
C14

R4
R2
R3
R1
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C4
C8
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C7
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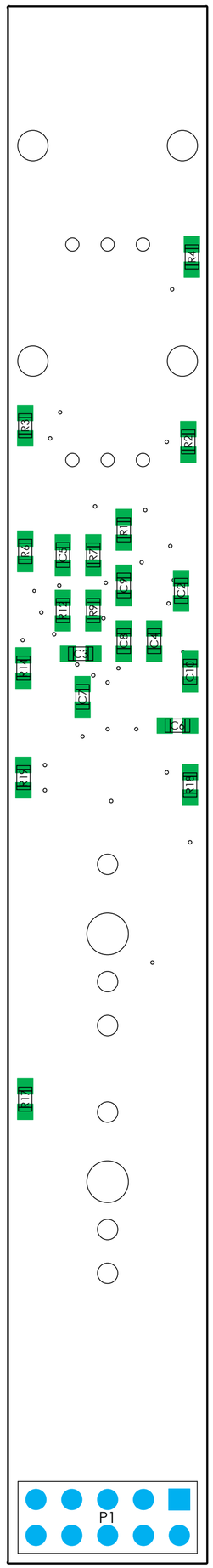
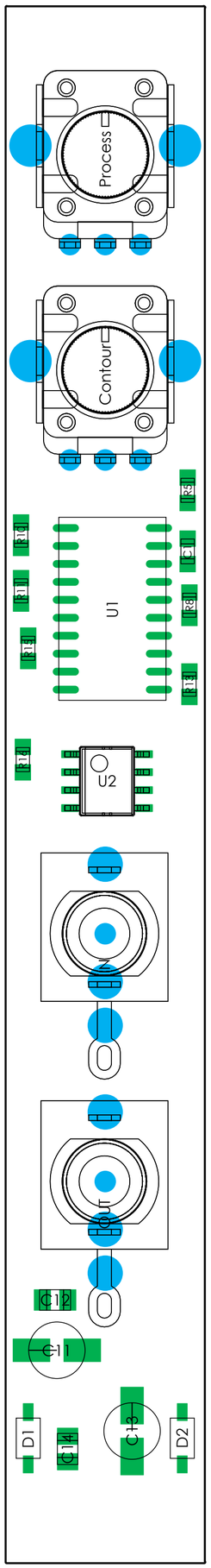
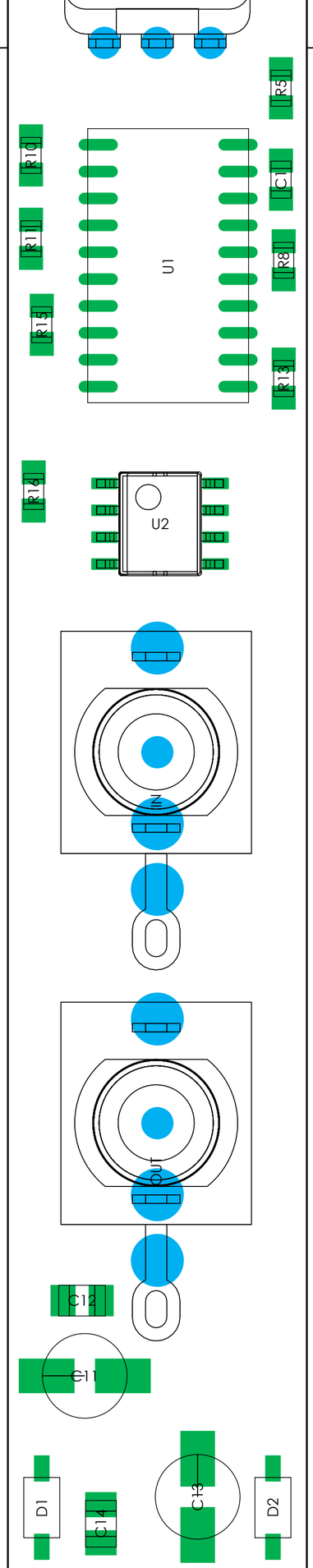
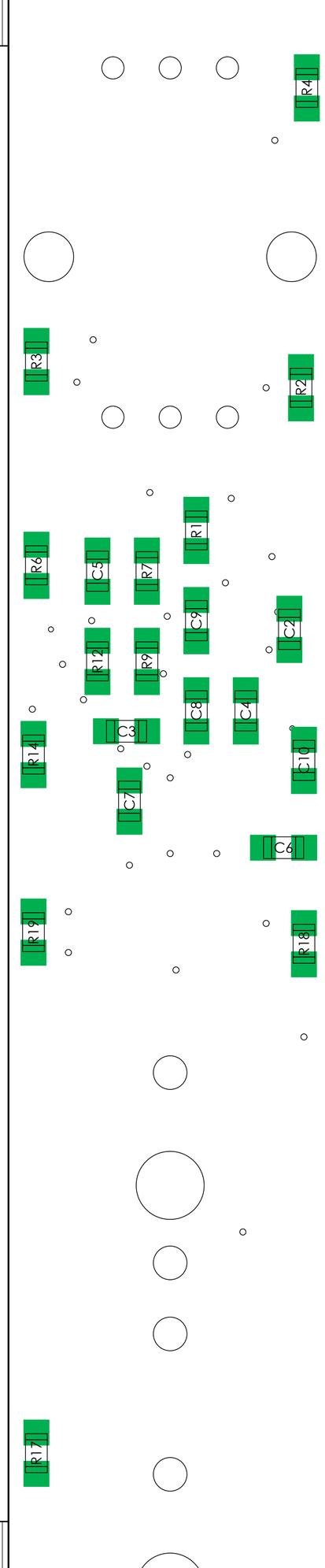
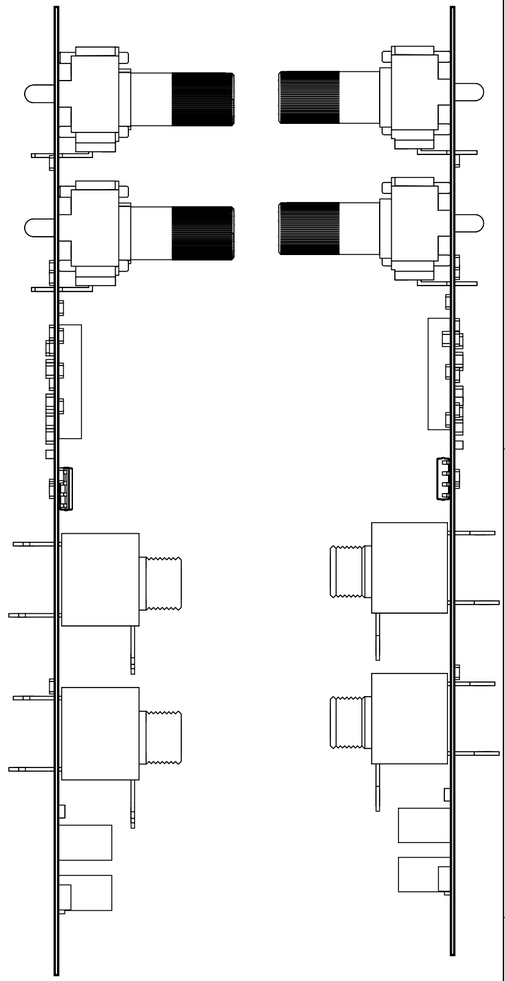
C5
R9
R14
R19
U2
R17
R18



ote:

1. Text element with square border.
2. Text element with no border
3. Text element with circle border

| | | | | |
|---|---|---|---|---|
| UNLESS OTHERWISE SPECIFIED: | | NAME | DATE | |
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL±<br>ANGULAR: MACH± BEND ±<br>TWO PLACE DECIMAL ±<br>THREE PLACE DECIMAL ± | DRAWN | | 1/17/2017 | TITLE |
| | CHECKED | | | |
| | ENG APPR. | | | |
| | MFG APPR. | | | |
| INTERPRET GEOMETRIC TOLERANCING PER: | Q.A. | | | |
| MATERIAL | COMMENTS: | | | SIZE / DWG. NO. |
| FINISH<br>DO NOT SCALE DRAWING | | | | SCALE: 1:1 / WEIGHT: / SHEET 1 OF 1 |
| USED ON<br>ICATION | | | | |