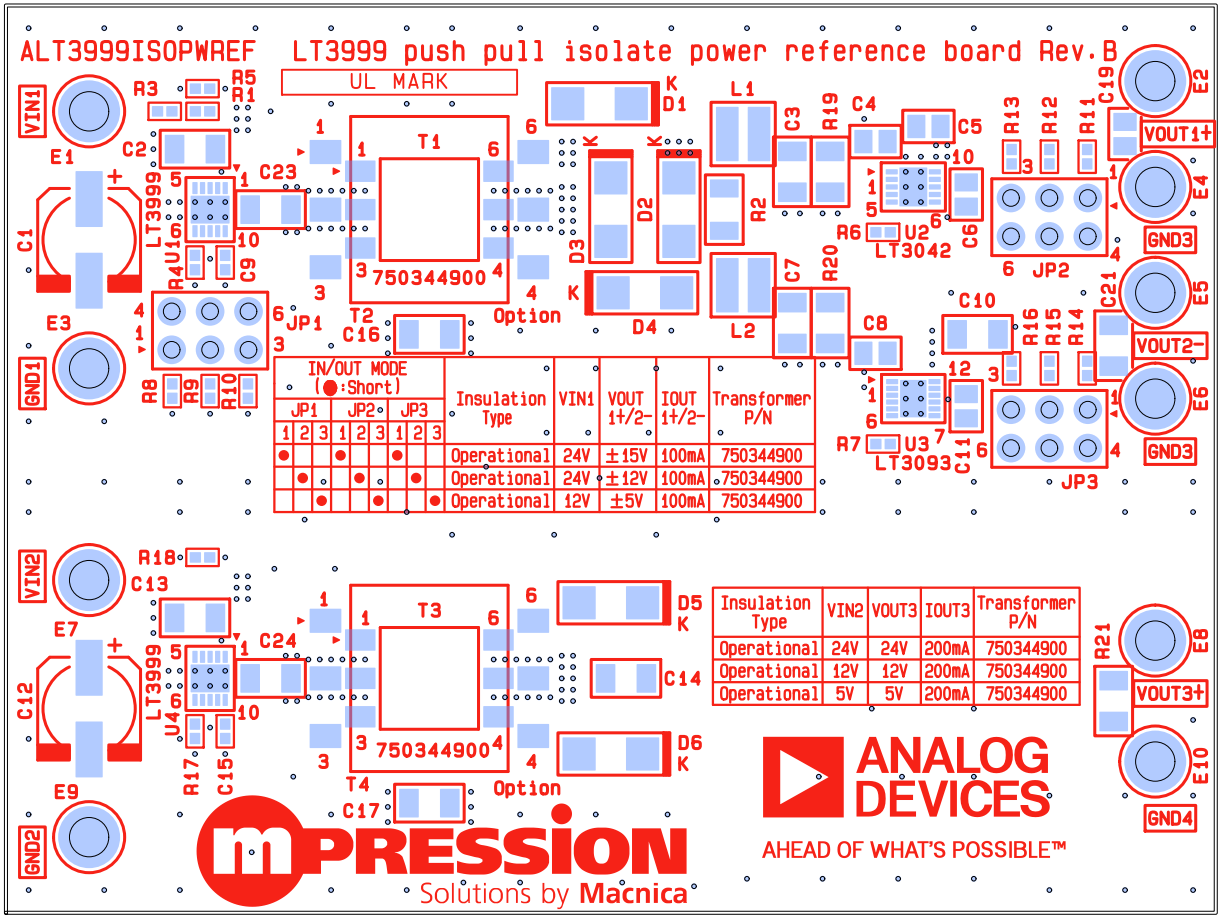
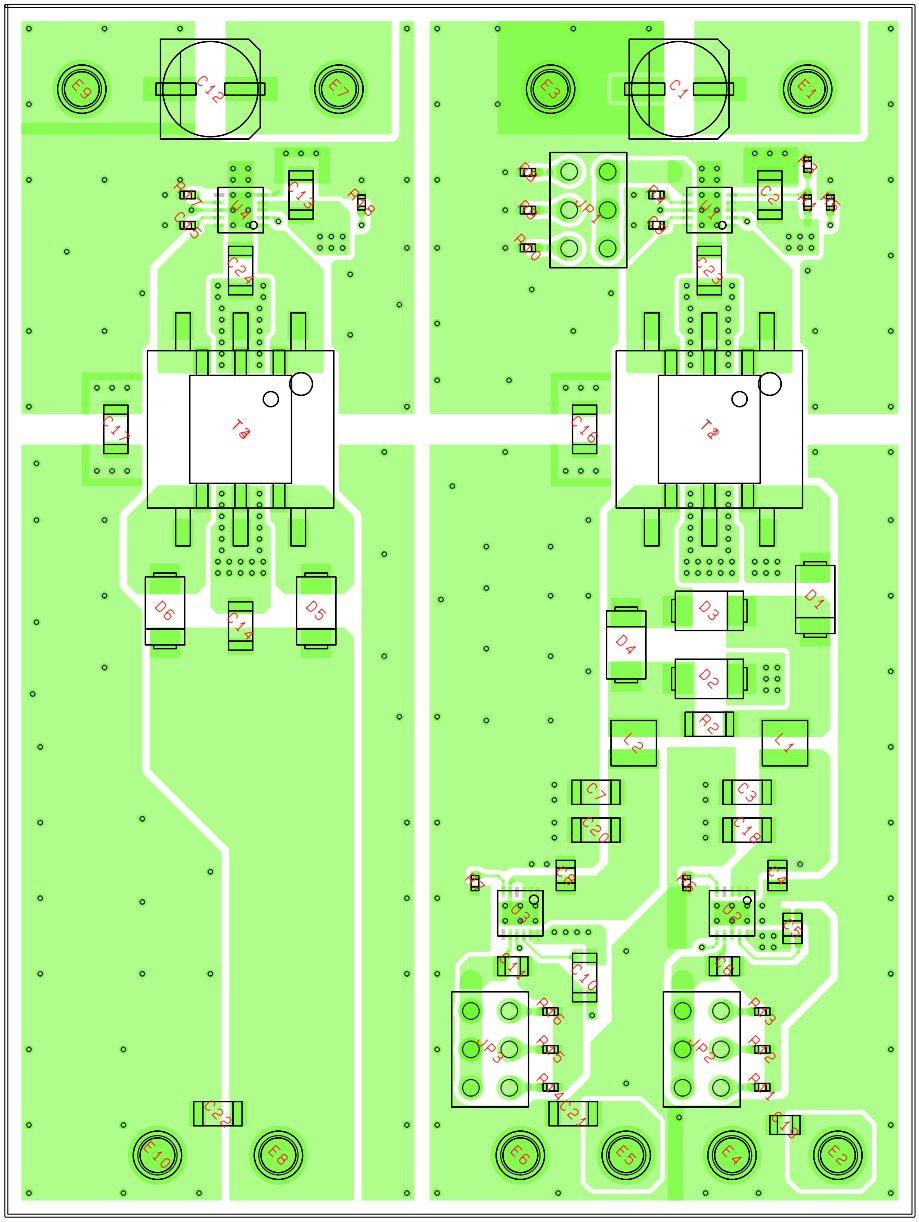
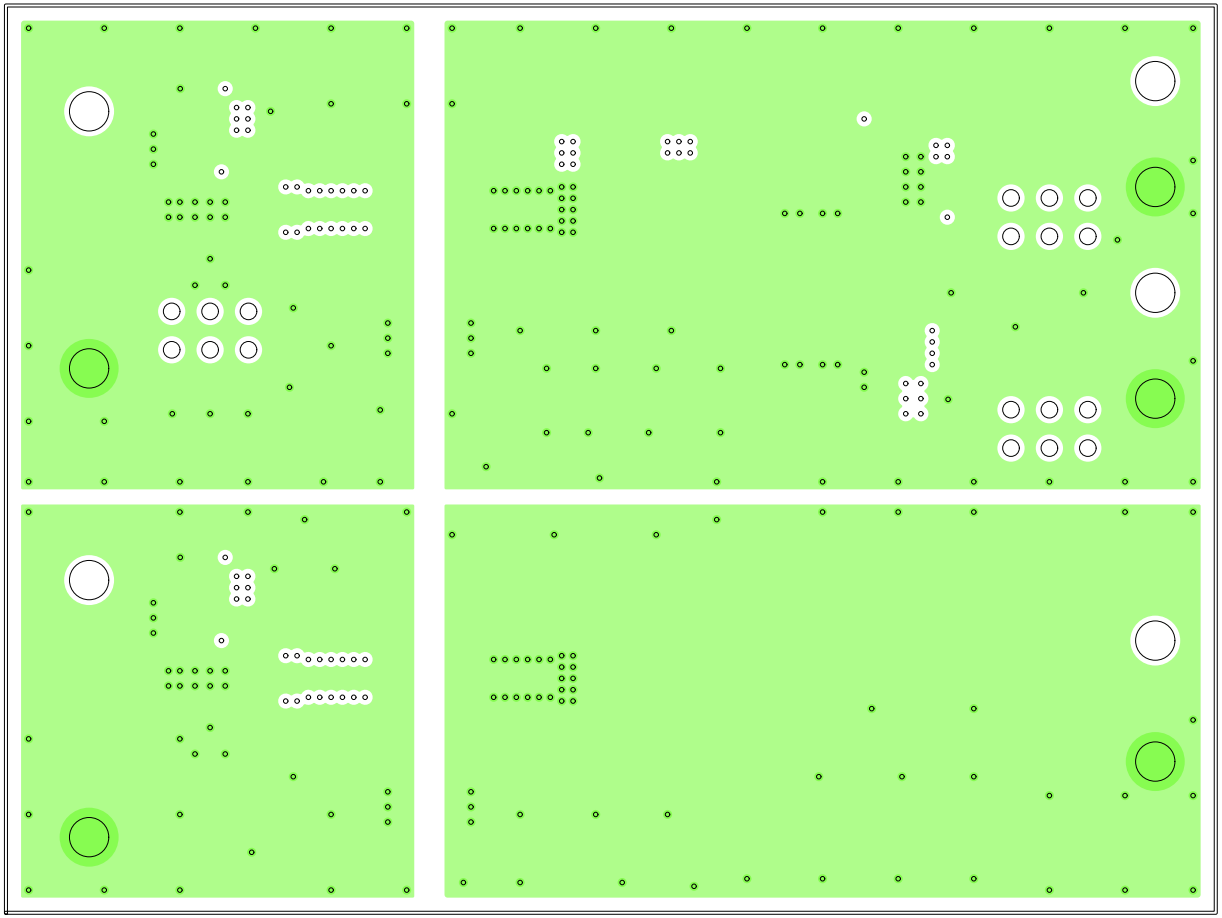
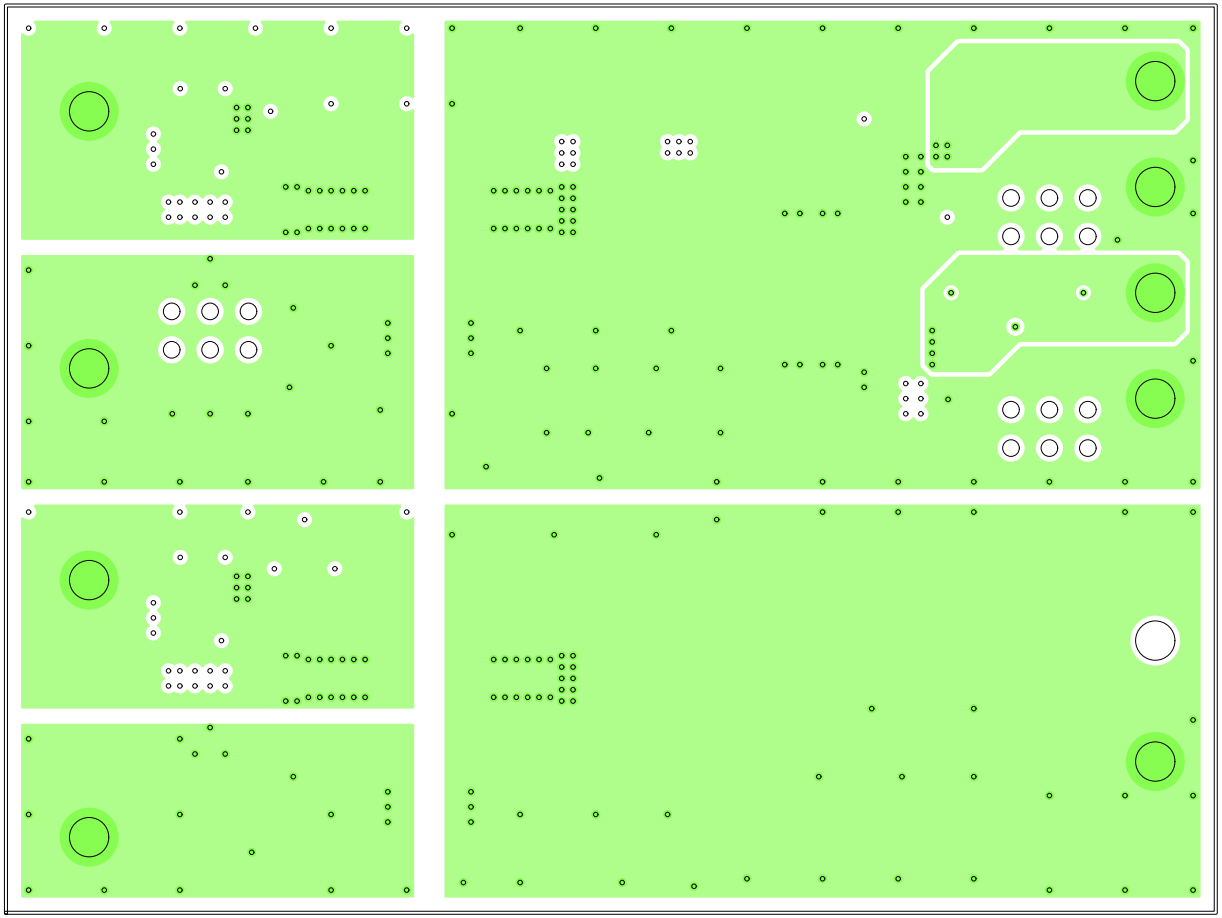
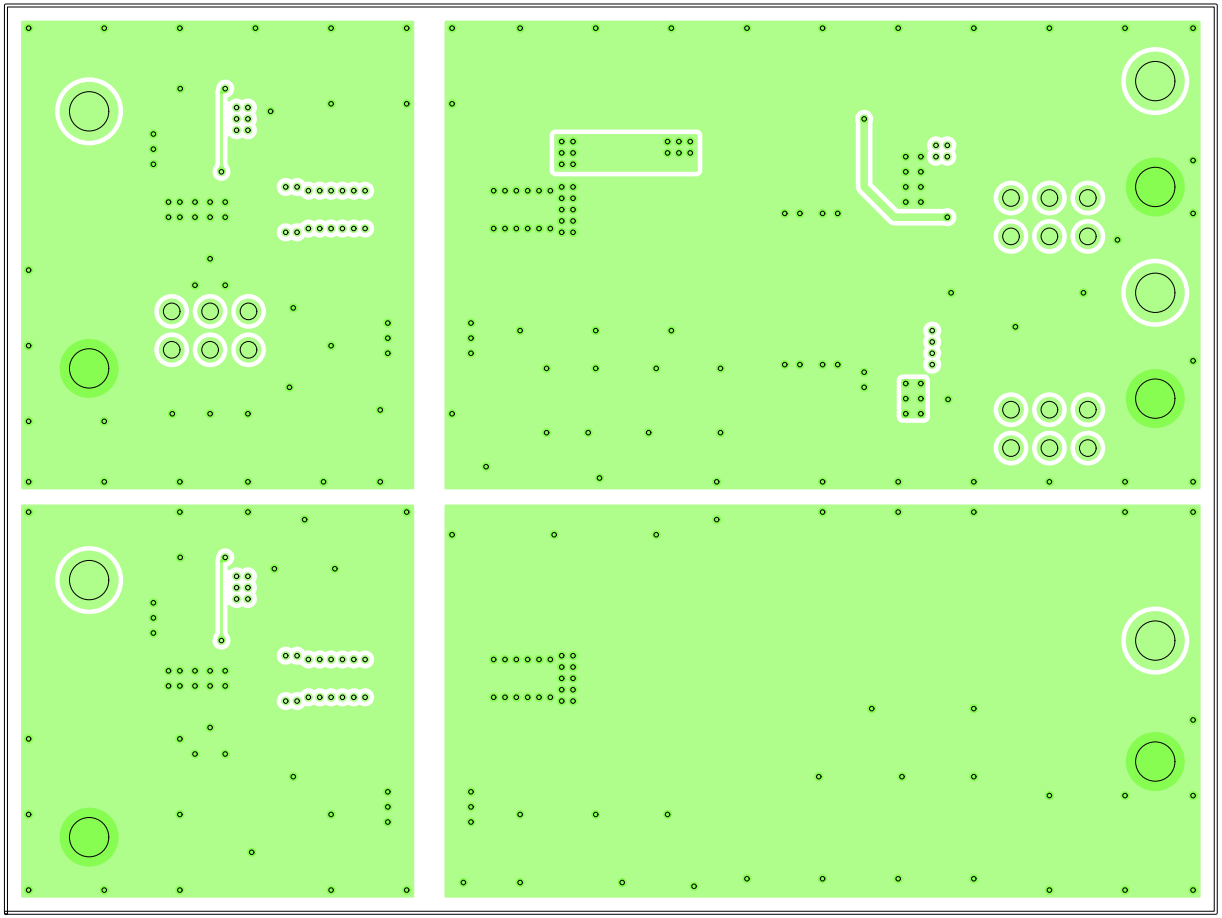
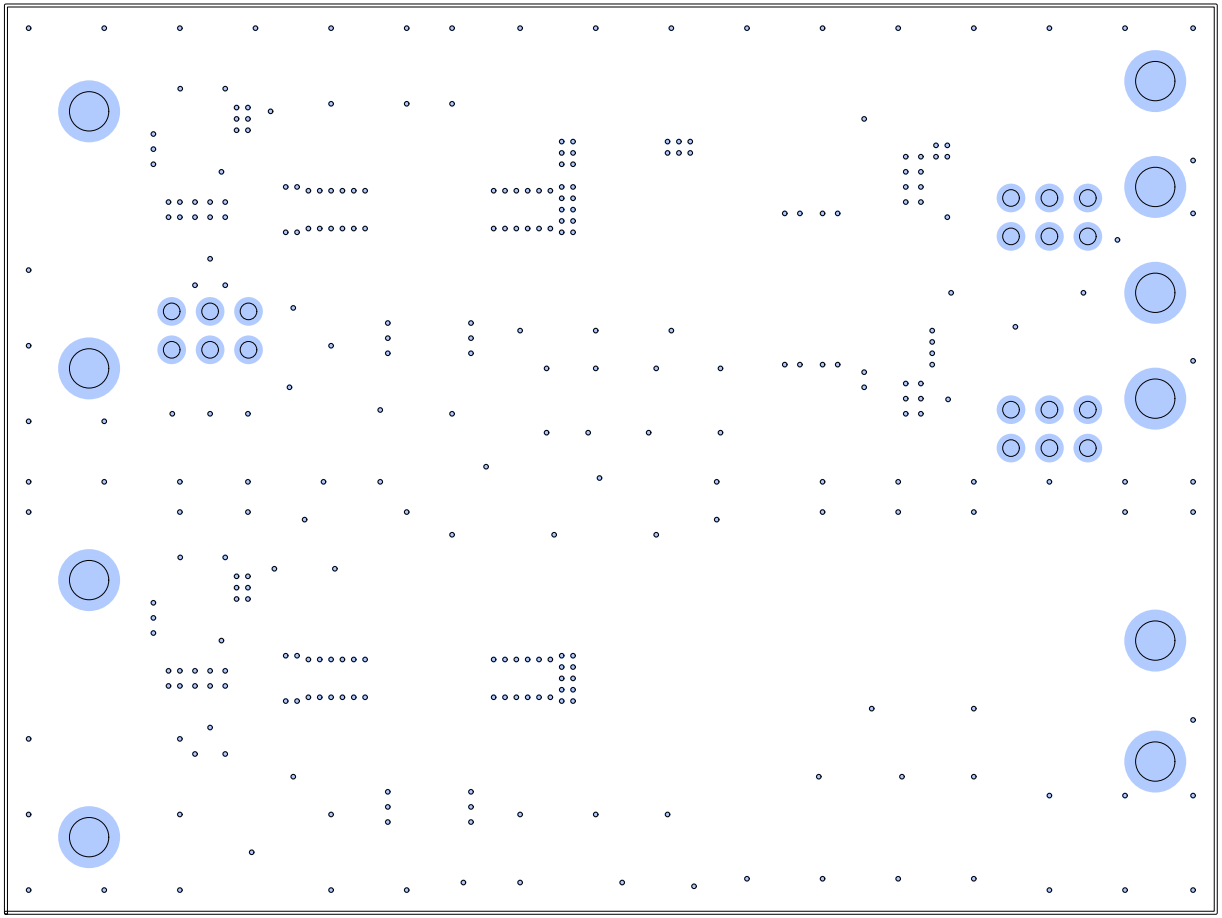

ALT3999ISOPWREF
LT3999 push pull isolate power reference board Rev.B
UL MARK
VIN1
E1
C1
E3
GND1
R3
R5
R1
C2
LT3999
U1
R4
C9
C23
JP1
R8
R9
R10
T1
750344900
T2
C16
Option
D1
D2
D3
D4
L1
L2
R2
C3
R19
C4
C5
C6
C7
R20
C8
R6
U2
LT3042
R13
R12
R11
C19
E2
VOUT1+
E4
GND3
JP2
C21
E5
VOUT2-
E6
GND3
C10
R16
R15
R14
R7
U3
LT3093
C11
JP3
IN/OUT MODE
(●:Short)
JP1 JP2 JP3
1 2 3 1 2 3 1 2 3
Insulation Type | VIN1 | VOUT 1+/2- | IOUT 1+/2- | Transformer P/N
Operational | 24V | ±15V | 100mA | 750344900
Operational | 24V | ±12V | 100mA | 750344900
Operational | 12V | ±5V | 100mA | 750344900
VIN2
E7
C12
E9
GND2
R18
C13
LT3999
U4
R17
C15
C24
T3
750344900
T4
C17
Option
D5
D6
C14
Insulation Type | VIN2 | VOUT3 | IOUT3 | Transformer P/N
Operational | 24V | 24V | 200mA | 750344900
Operational | 12V | 12V | 200mA | 750344900
Operational | 5V | 5V | 200mA | 750344900
R21
E8
VOUT3+
E10
GND4
ANALOG DEVICES
AHEAD OF WHAT'S POSSIBLE™
mPRESSION
Solutions by Macnica

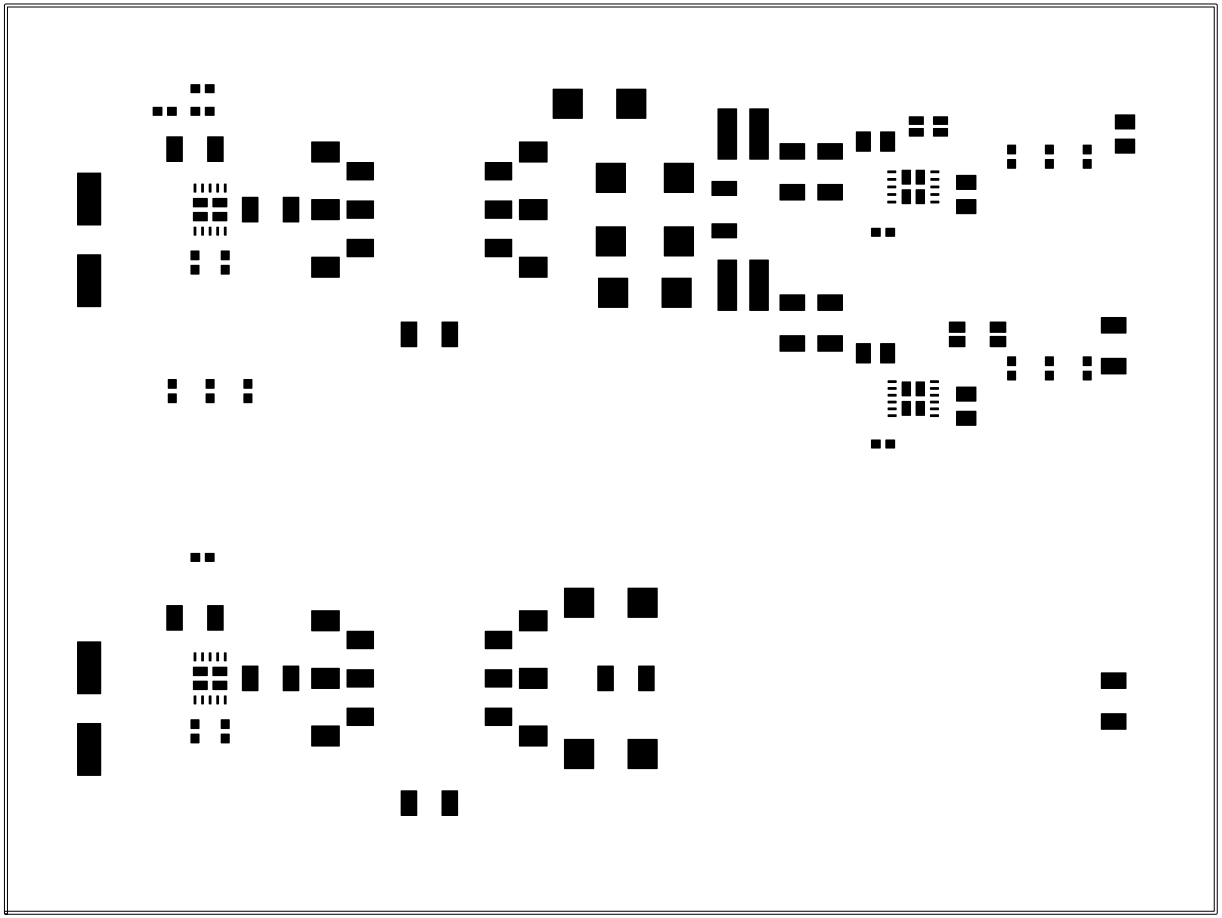

E9
C12
E7
E3
C1
E1
C13
R8
C24
C11
T3
C15
T2
D6
C16
D5
D1
D3
D4
D2
R2
L2
L1
C7
C20
C3
C18
C10
R6
R5
R4
J3
R3
R2
R1
J2
C22
C21
E10
E8
E6
E5
E4
E2

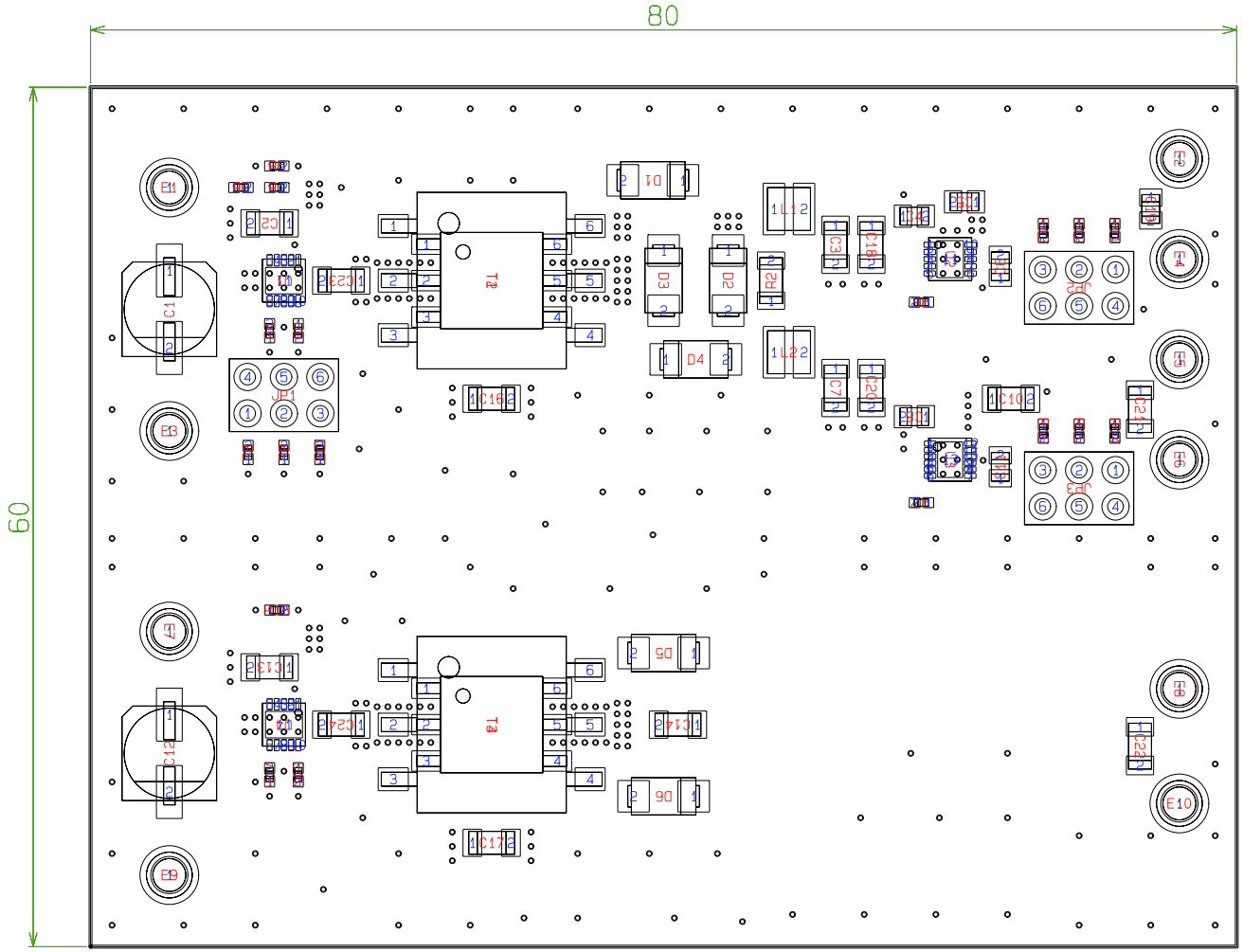











80
60
E1
E2
E3
E4
E5
E6
E7
E8
E9
E10
C1
C2
C3
C4
C5
C6
C7
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C24
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R22
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R24
L1
L2
L3
L4
T1
T2
T3
T4
Q1
Q2
Q3
Q4
JP1
JP2
JP3