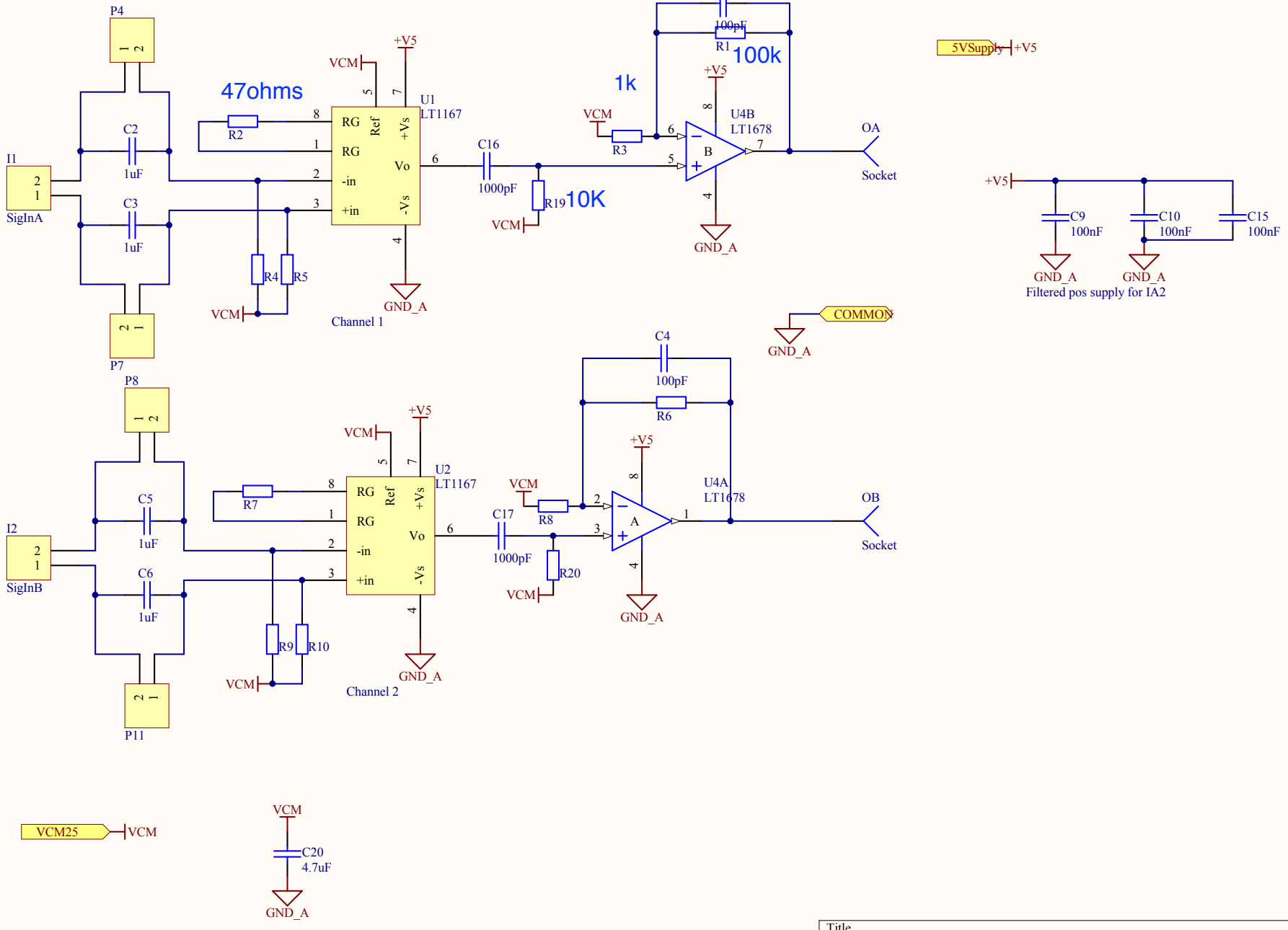
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SigInA
C2
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C3
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47ohms
R2
U1
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RG
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-in
+in
Ref
+Vs
Vo
-Vs
VCM
+V5
R4
R5
GND_A
Channel 1
C16
1000pF
R19
10K
C1
100pF
R1
100k
1k
R3
U4B
LT1678
B
OA
Socket
5VSupply
+V5
C9
100nF
C10
100nF
C15
100nF
Filtered pos supply for IA2
COMMON
P8
I2
SigInB
C5
1uF
C6
1uF
P11
R7
U2
LT1167
R9
R10
Channel 2
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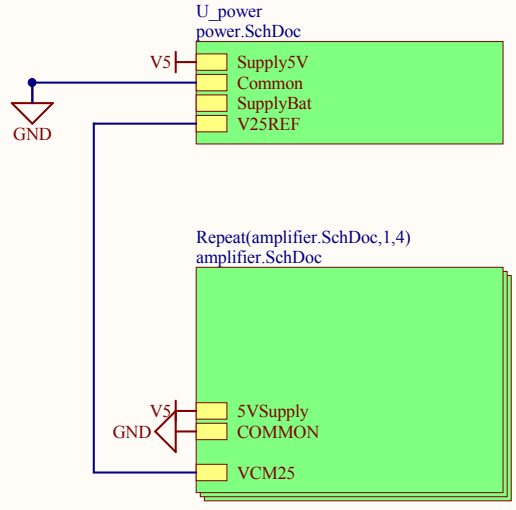

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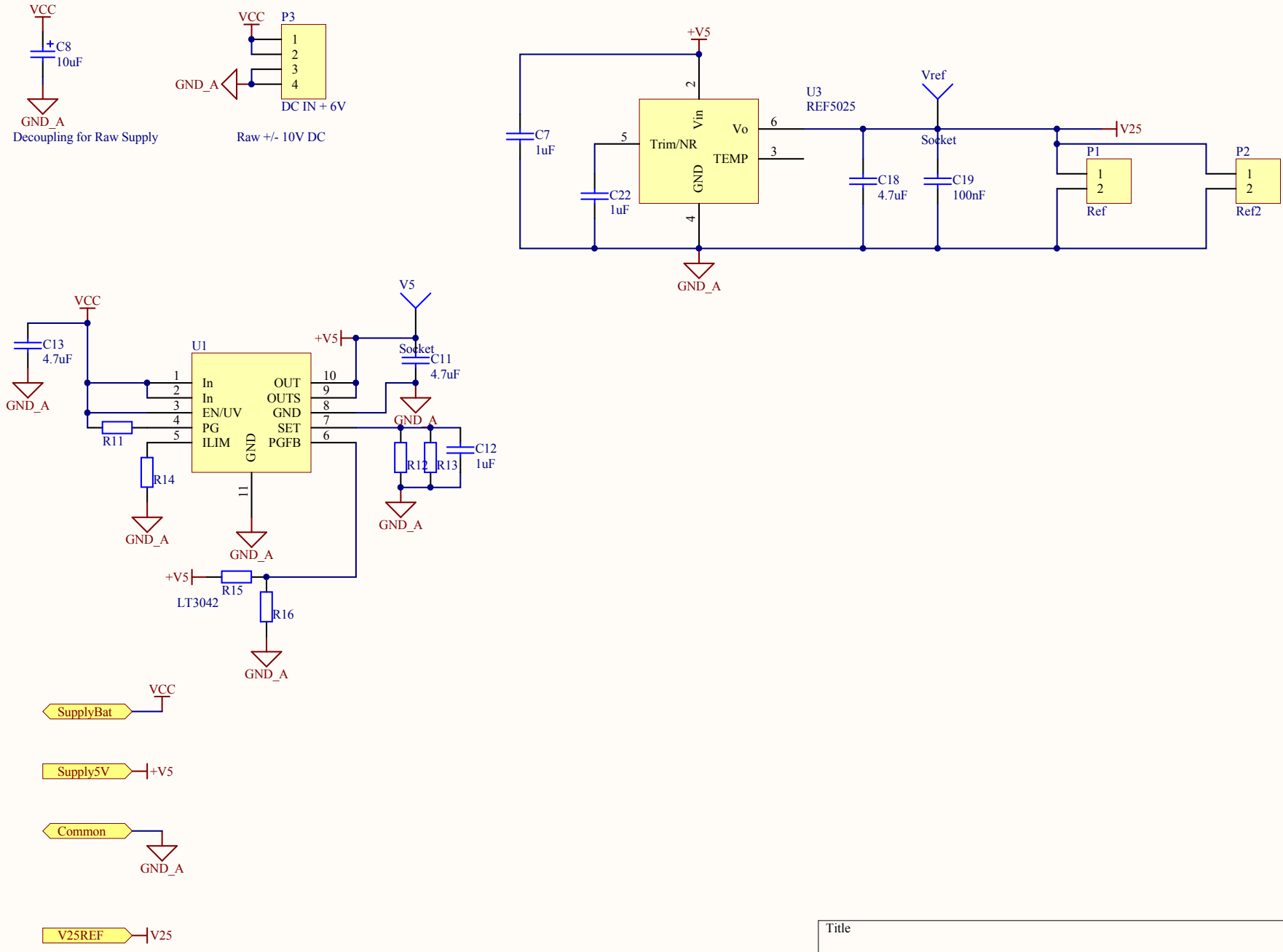
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Decoupling for Raw Supply
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4
GND_A
DC IN + 6V
Raw +/- 10V DC
+V5
C7
1uF
2
Vin
5
Trim/NR
Vo
6
TEMP
3
GND
4
C22
1uF
U3
REF5025
Vref
Socket
C18
4.7uF
C19
100nF
V25
P1
1
2
Ref
P2
1
2
Ref2
GND_A
VCC
C13
4.7uF
GND_A
U1
In
In
EN/UV
PG
ILIM
GND
OUT
OUTS
GND
SET
PGFB
1
2
3
4
5
11
10
9
8
7
6
+V5
V5
Socket
C11
4.7uF
GND_A
R11
R14
GND_A
R12
R13
C12
1uF
GND_A
GND_A
+V5
R15
LT3042
R16
GND_A
VCC
SupplyBat
Supply5V
+V5
Common
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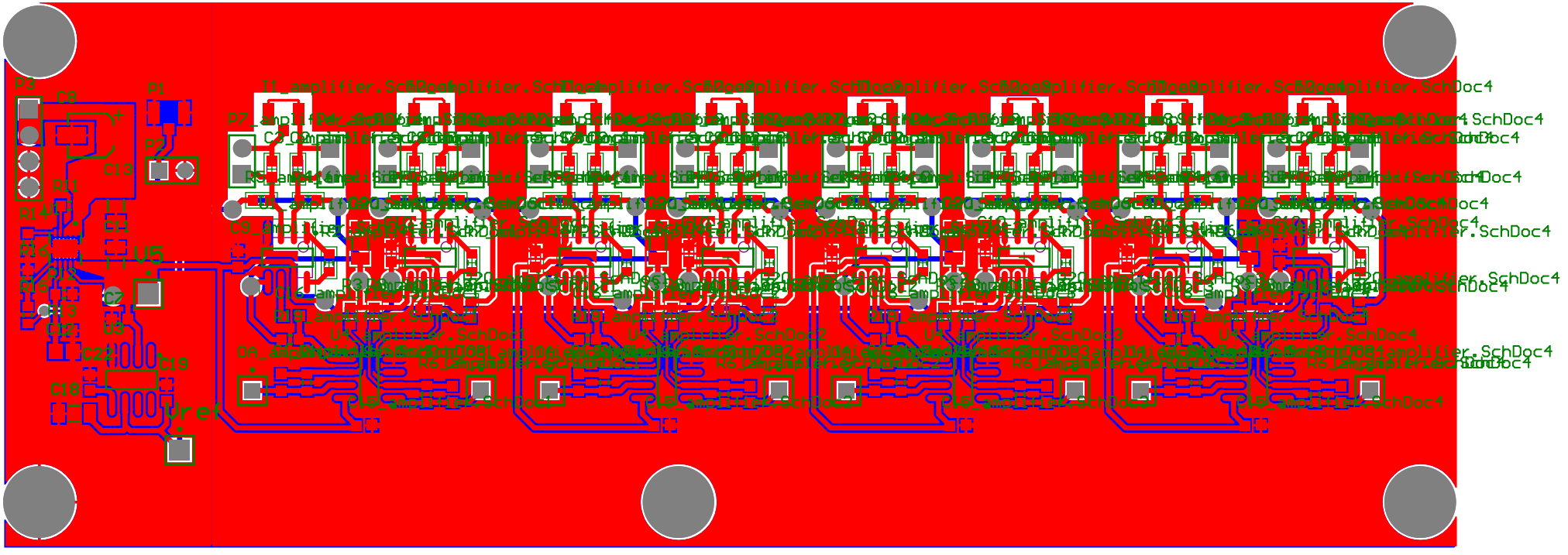
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U5
C2
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C12
U3
C21
C19
C18
Ur ef
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R9_amplifier.SchDoc4
U1_Inverter.SchDoc1
U1_Inverter.SchDoc2
U1_Inverter.SchDoc3
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1uF	CAP CER 1uF 50V X7R 0508SCG	C11_amplifier.SchDoc:C11 C12_amplifier.SchDoc:C12 C13_amplifier.SchDoc:C13 C14_amplifier.SchDoc:C14 C15_amplifier.SchDoc:C15 C16_amplifier.SchDoc:C16 C17_amplifier.SchDoc:C17 C18_amplifier.SchDoc:C18 C19_amplifier.SchDoc:C19 C20_amplifier.SchDoc:C20 C21_amplifier.SchDoc:C21 C22_amplifier.SchDoc:C22 C23_amplifier.SchDoc:C23 C24_amplifier.SchDoc:C24 C25_amplifier.SchDoc:C25 C26_amplifier.SchDoc:C26 C27_amplifier.SchDoc:C27 C28_amplifier.SchDoc:C28 C29_amplifier.SchDoc:C29 C30_amplifier.SchDoc:C30 C31_amplifier.SchDoc:C31 C32_amplifier.SchDoc:C32 C33_amplifier.SchDoc:C33 C34_amplifier.SchDoc:C34 C35_amplifier.SchDoc:C35 C36_amplifier.SchDoc:C36 C37_amplifier.SchDoc:C37 C38_amplifier.SchDoc:C38 C39_amplifier.SchDoc:C39 C40_amplifier.SchDoc:C40 C41_amplifier.SchDoc:C41 C42_amplifier.SchDoc:C42 C43_amplifier.SchDoc:C43 C44_amplifier.SchDoc:C44 C45_amplifier.SchDoc:C45 C46_amplifier.SchDoc:C46 C47_amplifier.SchDoc:C47 C48_amplifier.SchDoc:C48 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