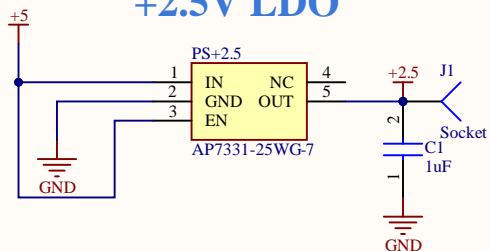
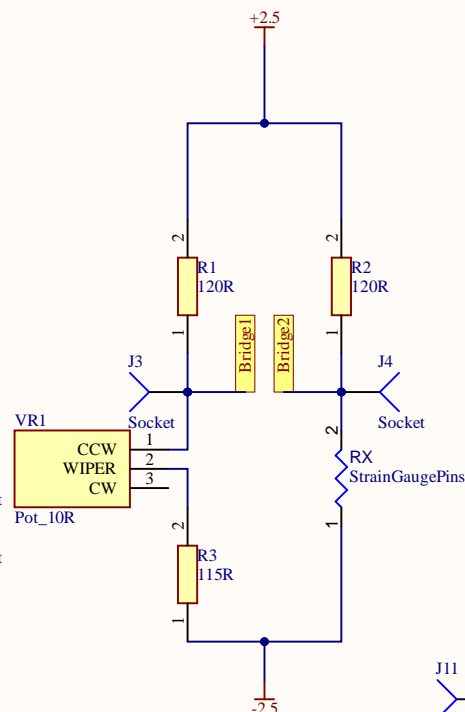
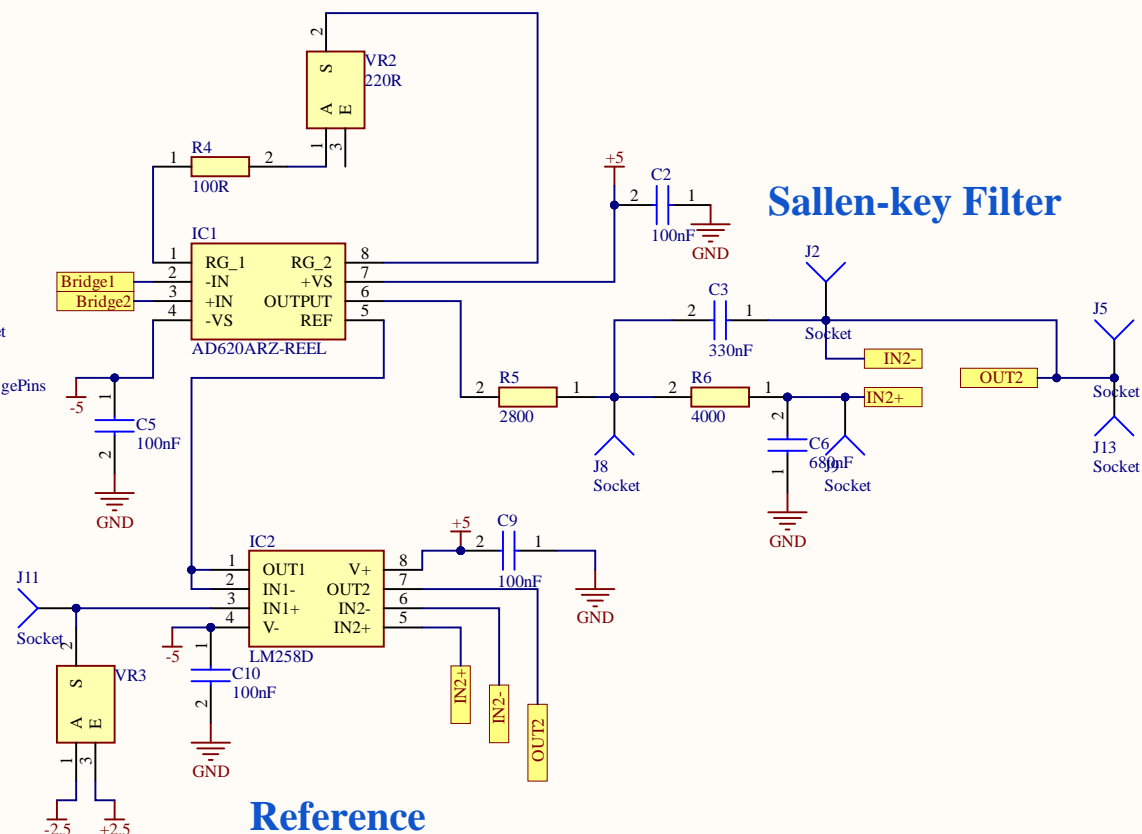
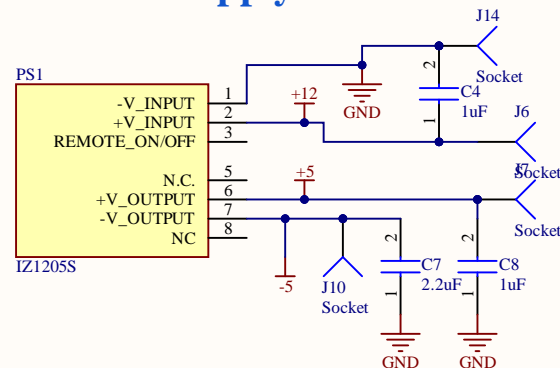
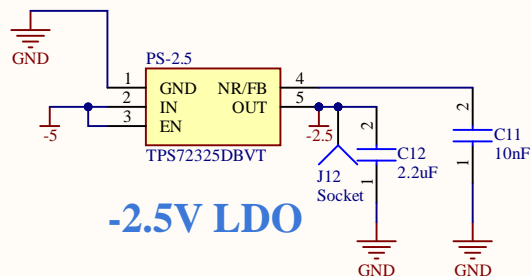
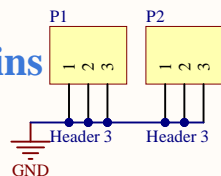
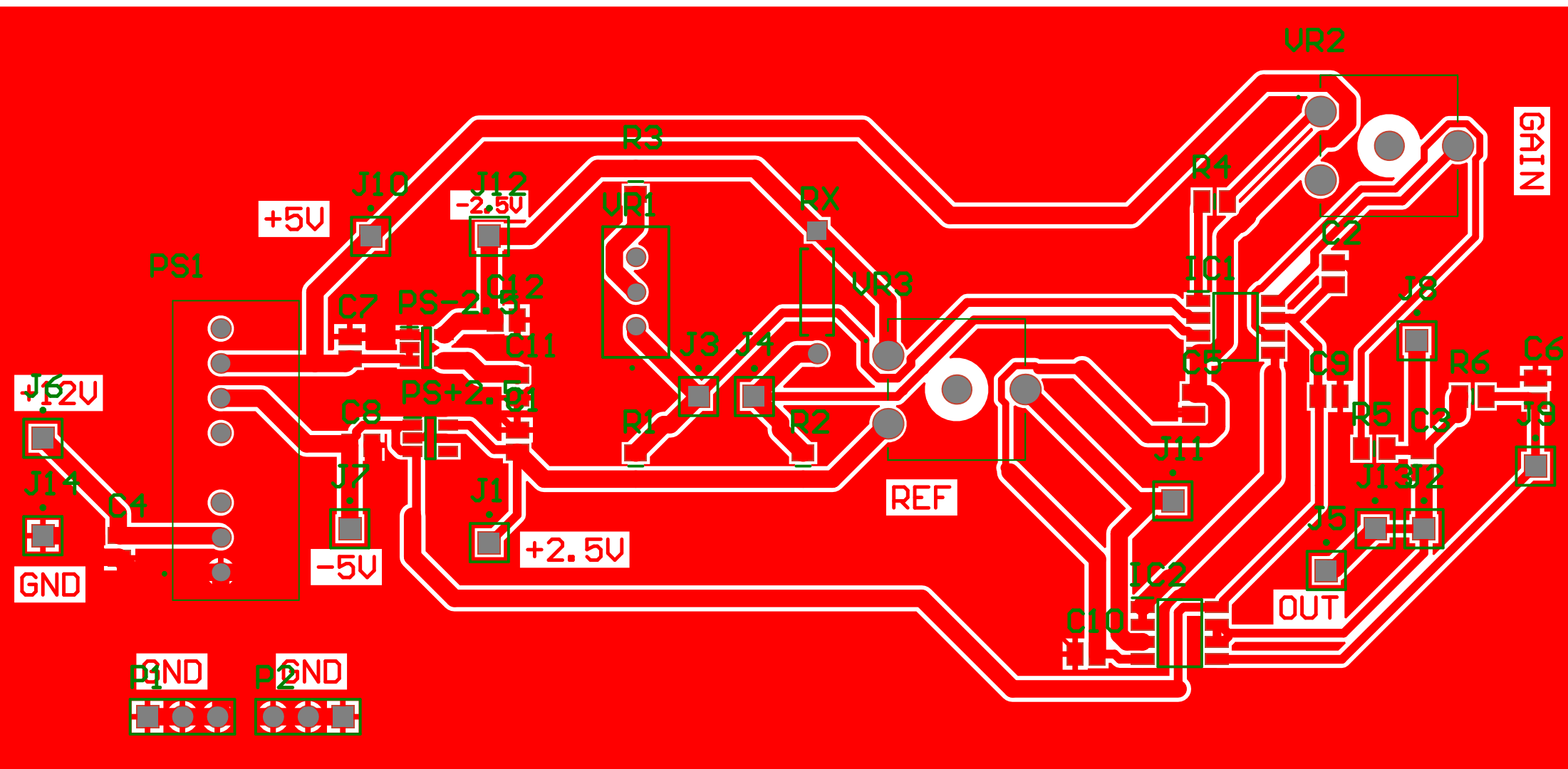
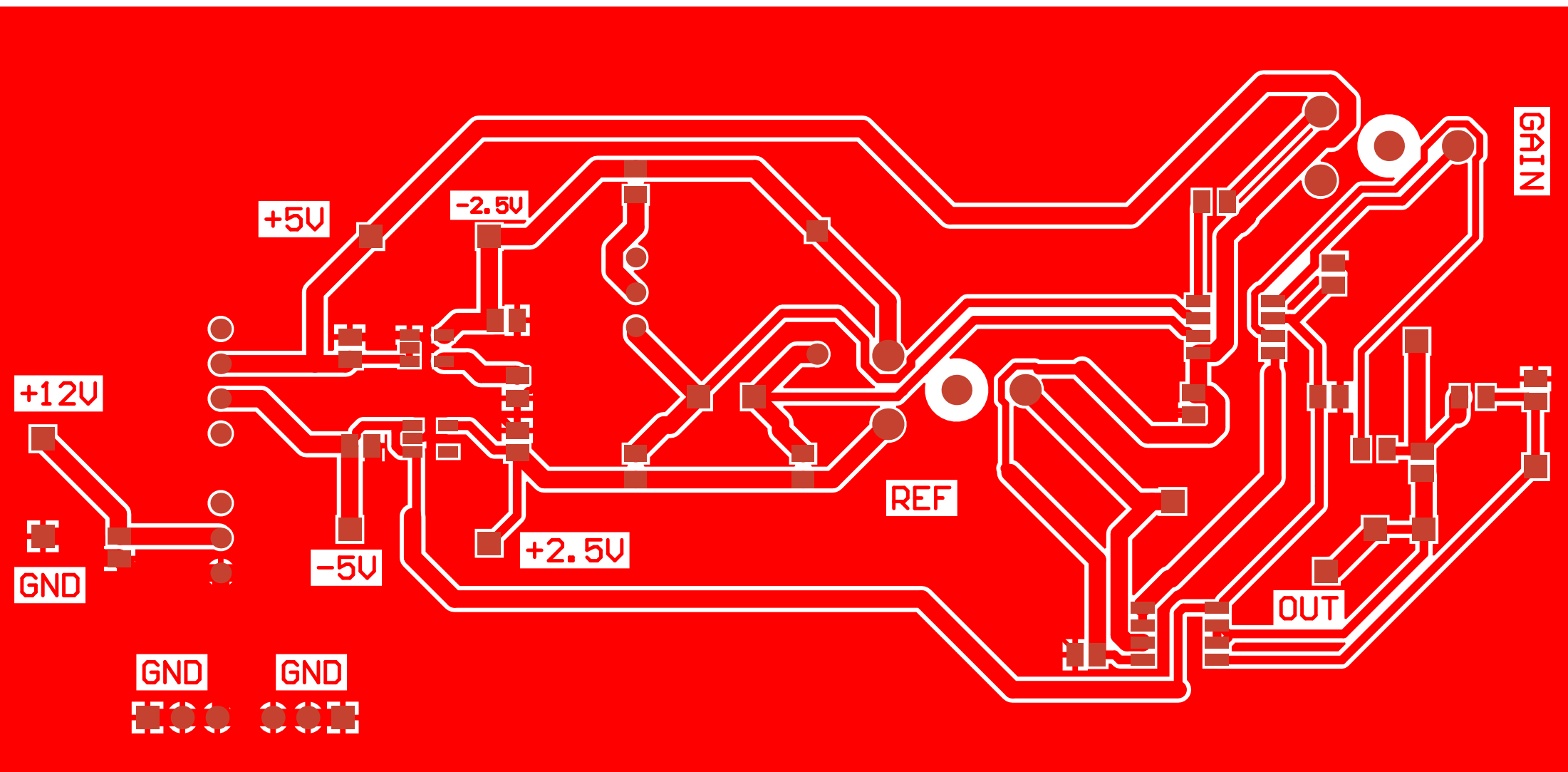
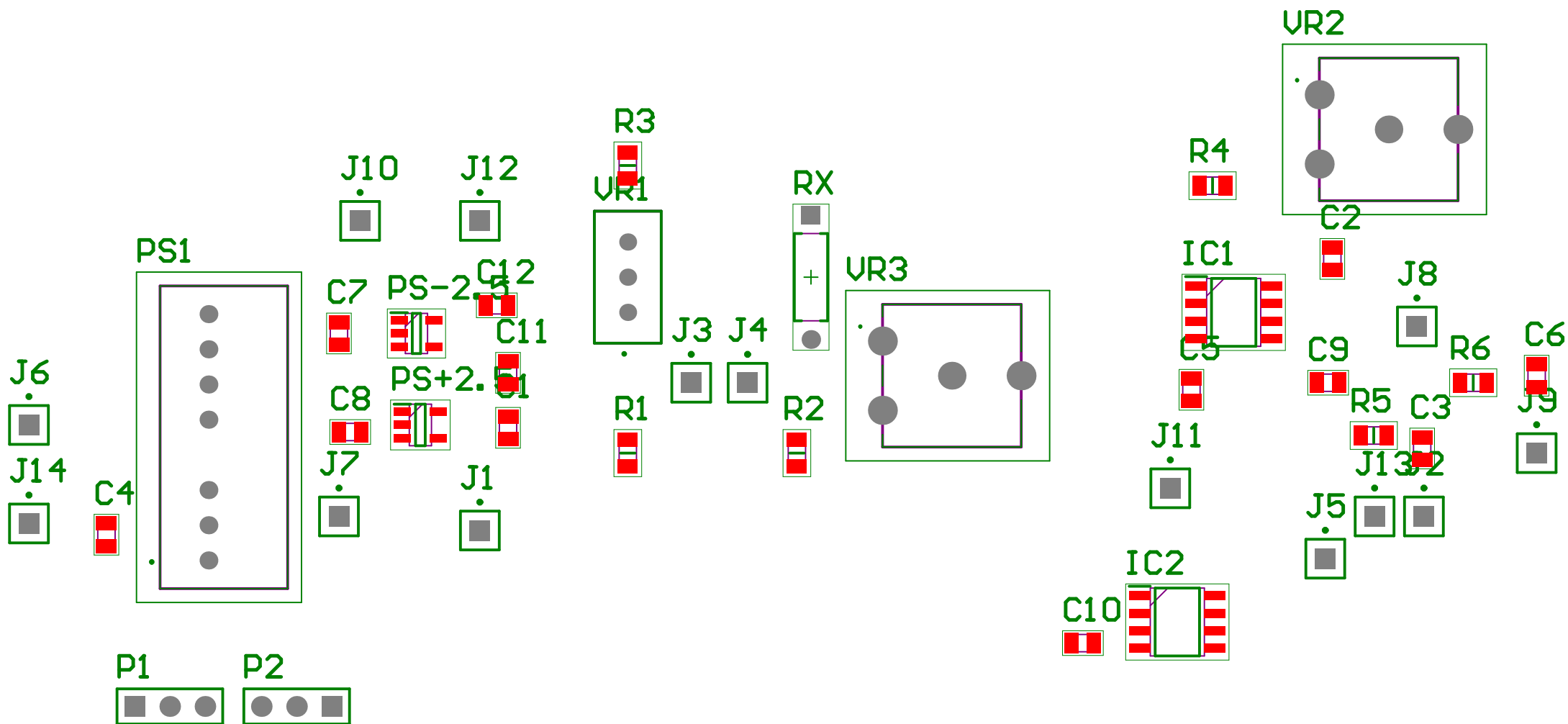


+2.5V LDO**Wheatstone bridge****Differential amplifier****Sallen-key Filter****Power supply 12V -> +5V****-2.5V LDO****Ground pins**

Title		
Size A4	Number	Revision
Date: 6/01/2021	Sheet of	
File: C:\Users\...\SheetAmpli.SchDoc	Drawn By:	







Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Capacitor	C1, C4, C8	CAPC2012X94N	08055A130JAT2A	3
100nF	Capacitor	C2, C5, C9, C10	CAPC2012X94N	08055A130JAT2A	4
330nF	Capacitor	C3	CAPC2012X94N	08055A130JAT2A	1
680nF	Capacitor	C6	CAPC2012X94N	08055A130JAT2A	1
2.2uF	Capacitor	C7, C12	CAPC2012X94N	08055A130JAT2A	2
10nF	Capacitor	C11	CAPC2012X94N	08055A130JAT2A	1
AD620ARZ-REEL	Integrated Circuit	IC1	SOIC127P600X175-8N	AD620ARZ-REEL	1
LM258D	Integrated Circuit	IC2	SOIC127P600X175-8N	LM258D	1
Socket	Socket	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14	PIN1	Socket	14
Header 3	Header, 3-Pin	P1, P2	HDR1X3	Header 3	2
IZ1205S	Power Supply	PS1	IZ1205S	IZ1205S	1
TPS72325DBVT	Integrated Circuit	PS-2.5	SOT95P280X145-5N	TPS72325DBVT	1
AP7331-25WG-7	Power Supply	PS+2.5	SOT95P285X130-5N	AP7331-33WG-7	1
120R	Resistor	R1, R2	RESC2012X65N	CRG0805F100K	2
115R	Resistor	R3	RESC2012X65N	CRG0805F100K	1
100R	Resistor	R4	RESC2012X65N	CRG0805F100K	1
2800	Resistor	R5	RESC2012X65N	CRG0805F100K	1
4000	Resistor	R6	RESC2012X65N	CRG0805F100K	1
	Axial Resistor, 100 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	RX	RESA60-630X240	CMP-009-00045-3	1
Pot_10R	Variable Resistor	VR1	3296W-1	3296W-1-103LF	1
220R	Variable Resistor	VR2	PT10LV10473A2020P MS	PT10LV10-103A2020	1
	Variable Resistor	VR3	PT10LV10473A2020P MS	PT10LV10-103A2020	1