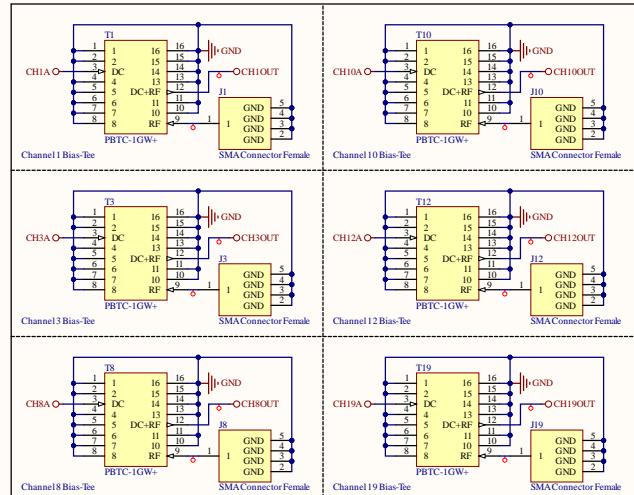
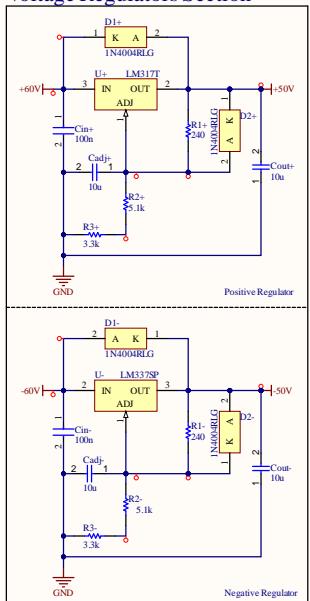


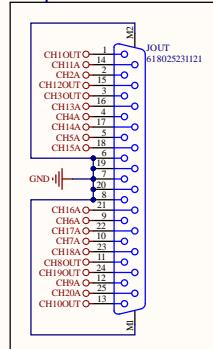
## Bias-Tees Section



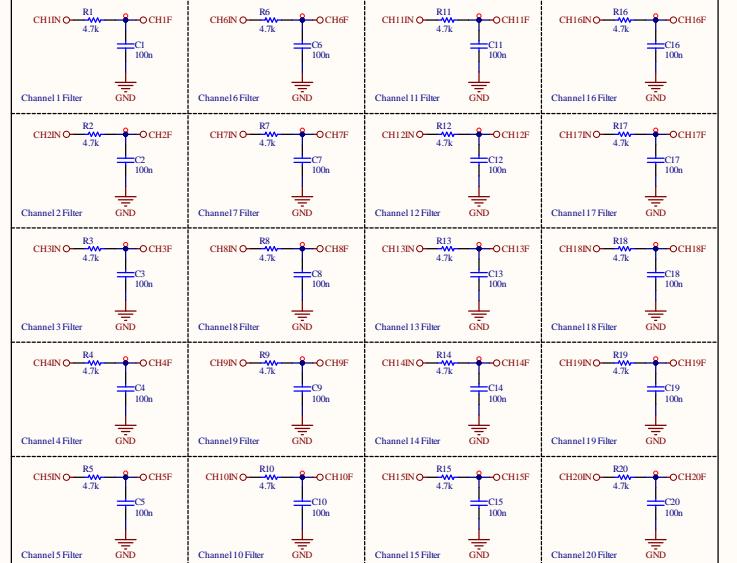
### Voltage Regulators Section



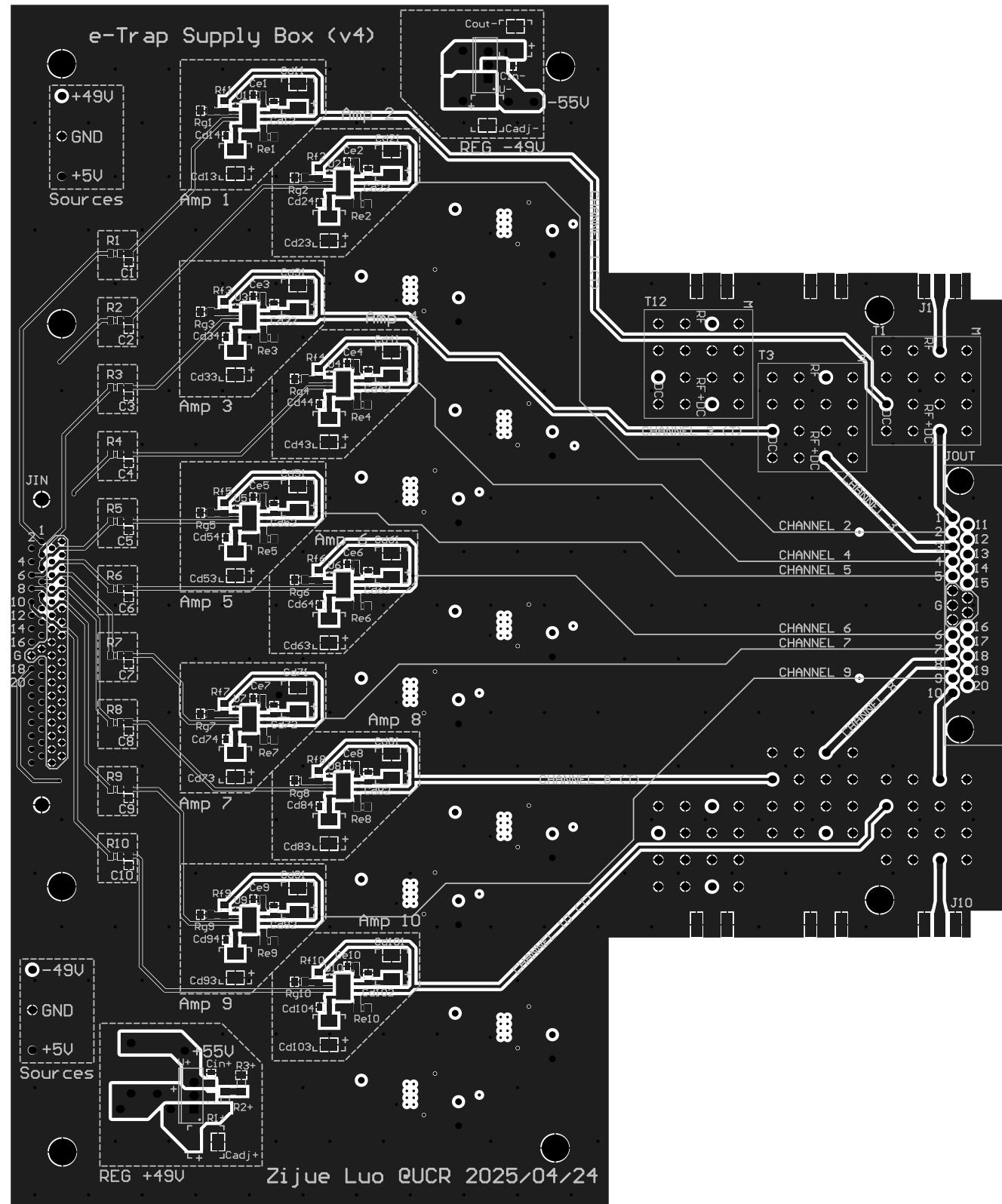
## Output Section

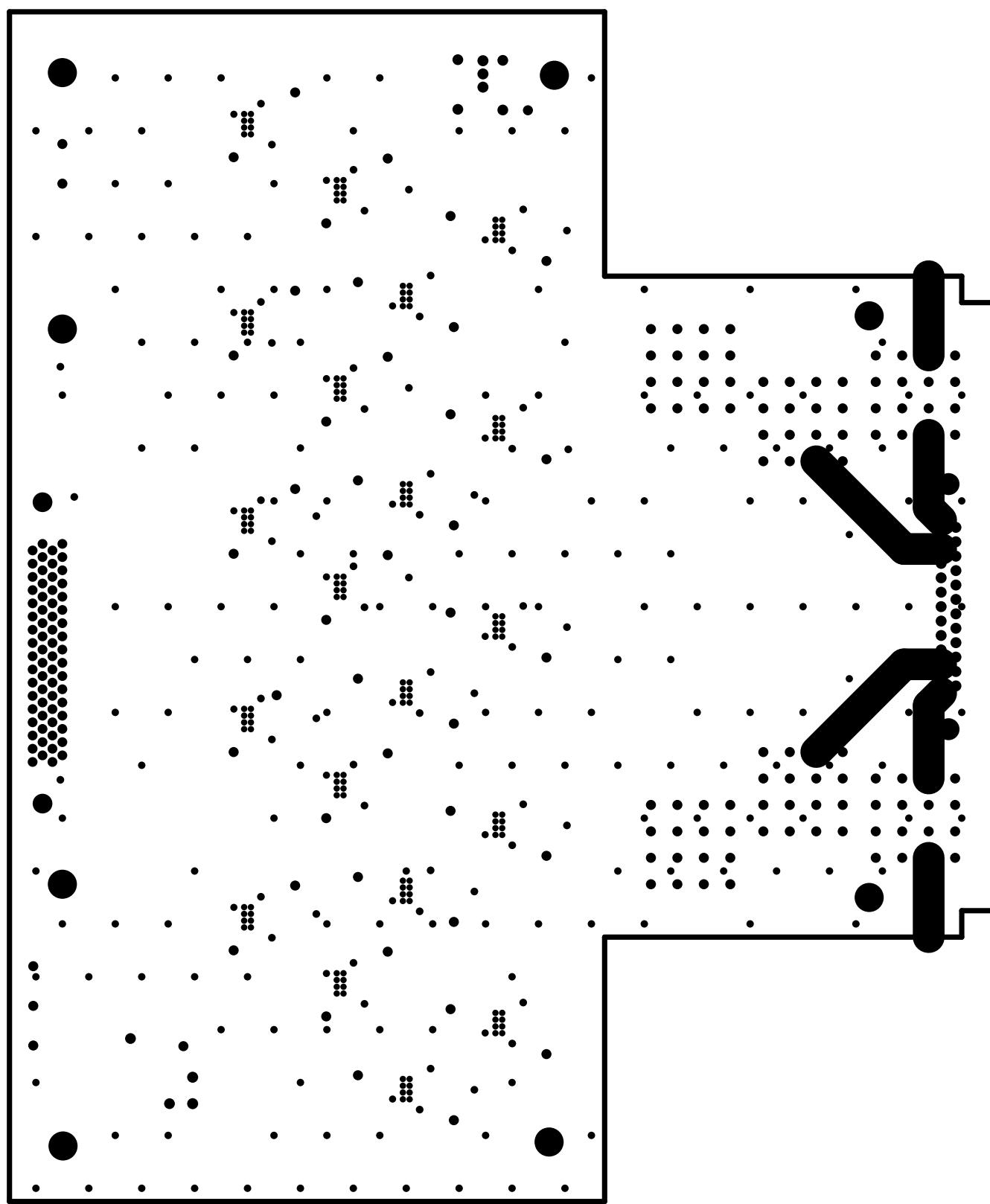


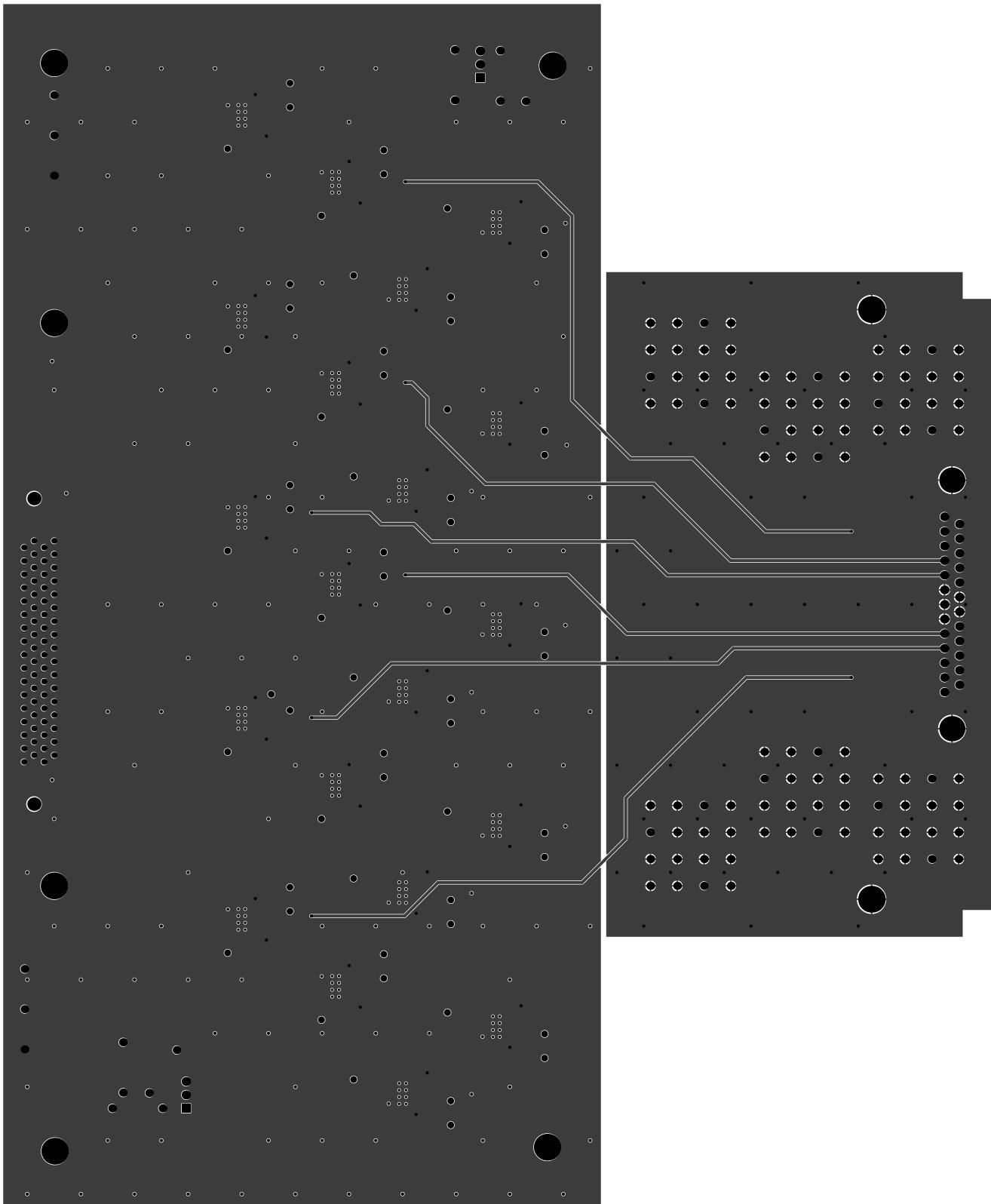
## Low-Pass Filters Section (RC, 338.6Hz)

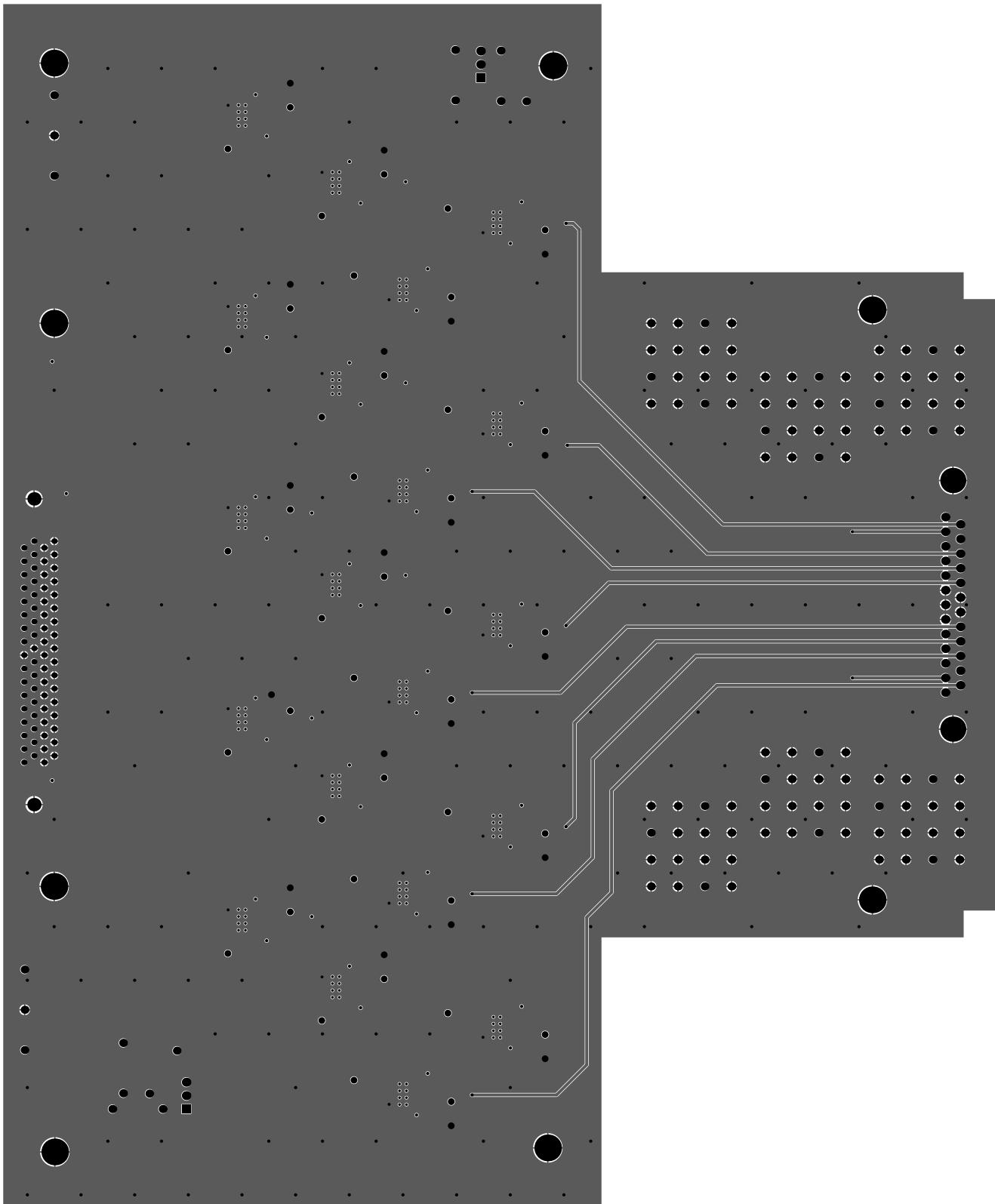


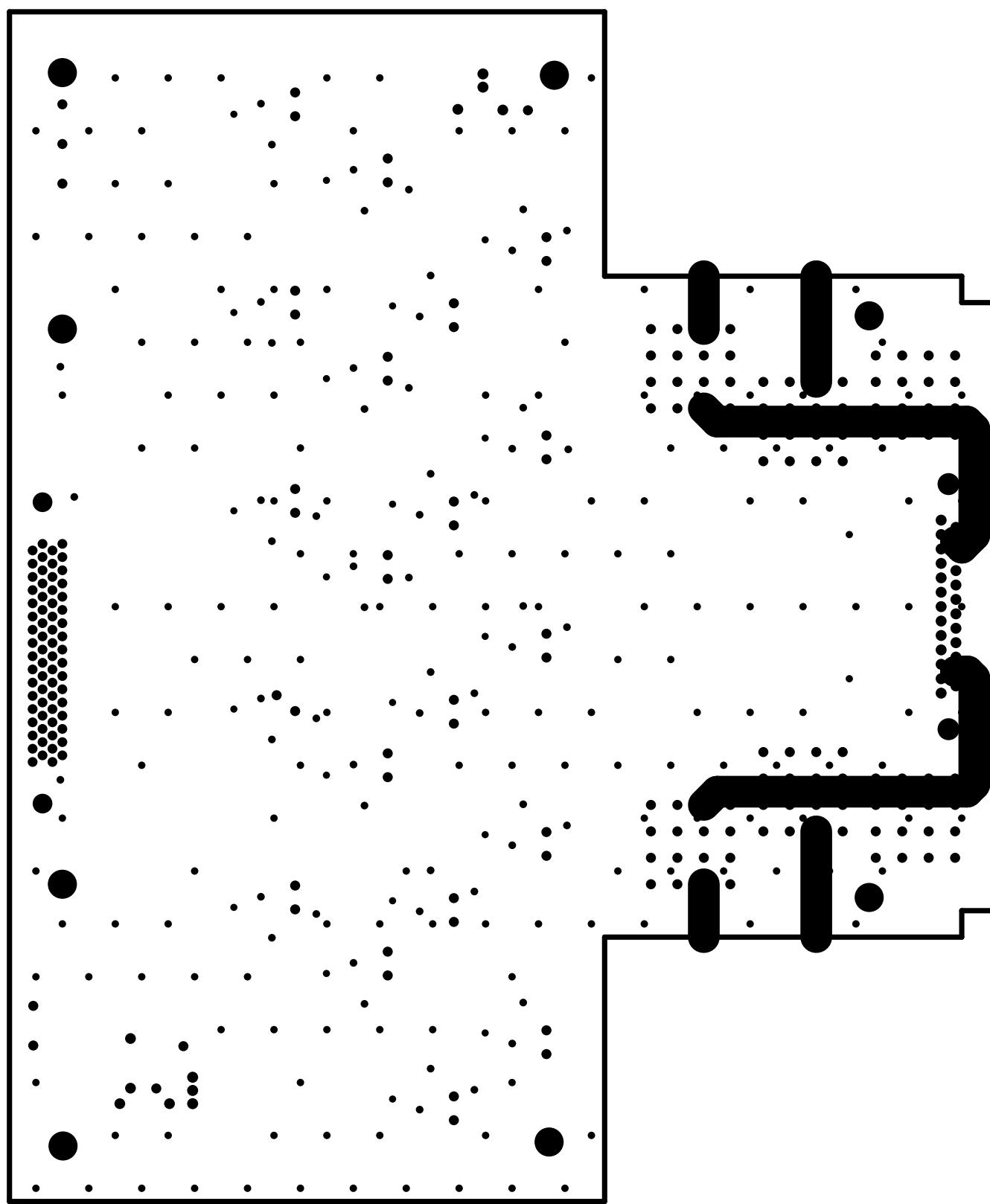
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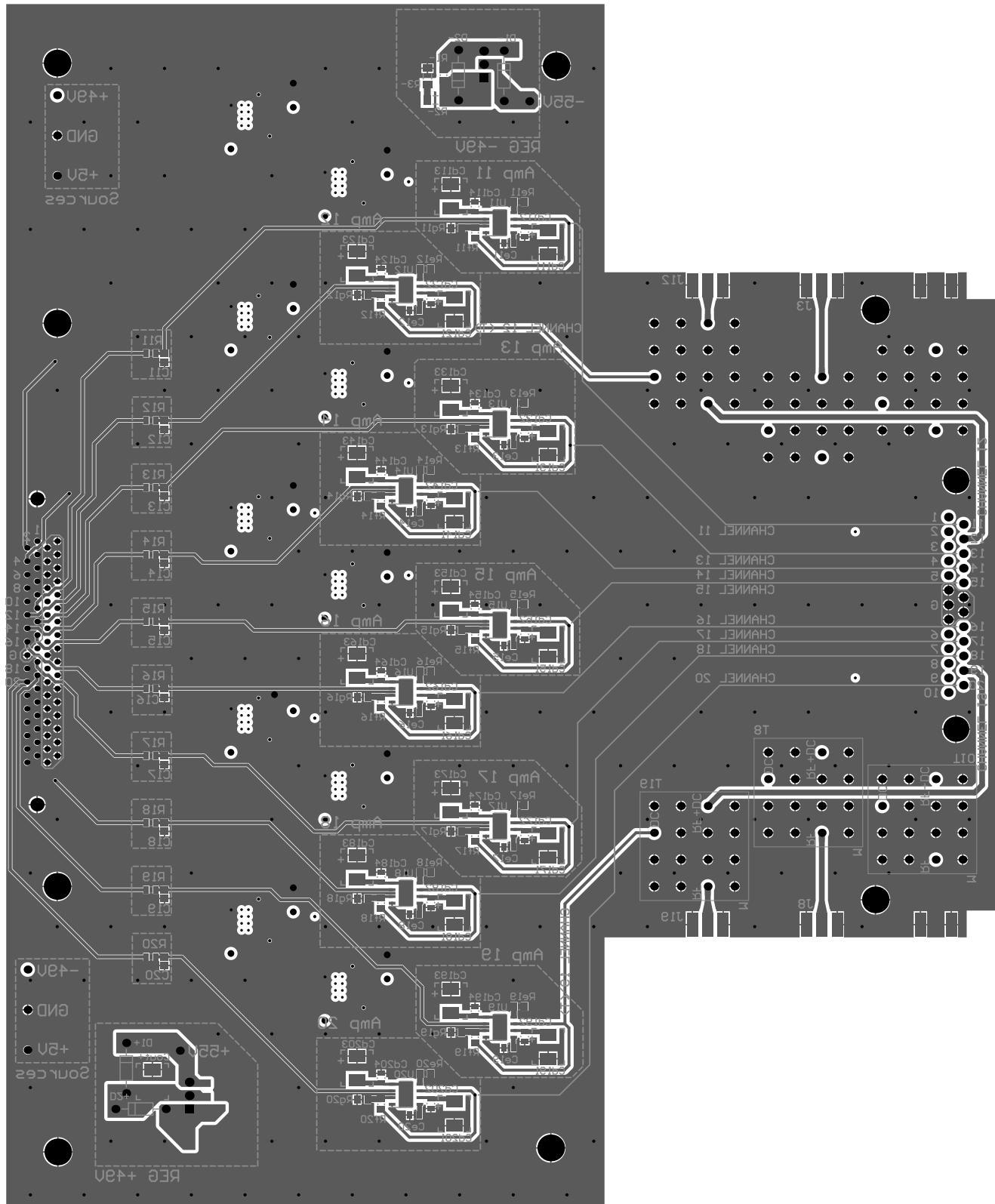


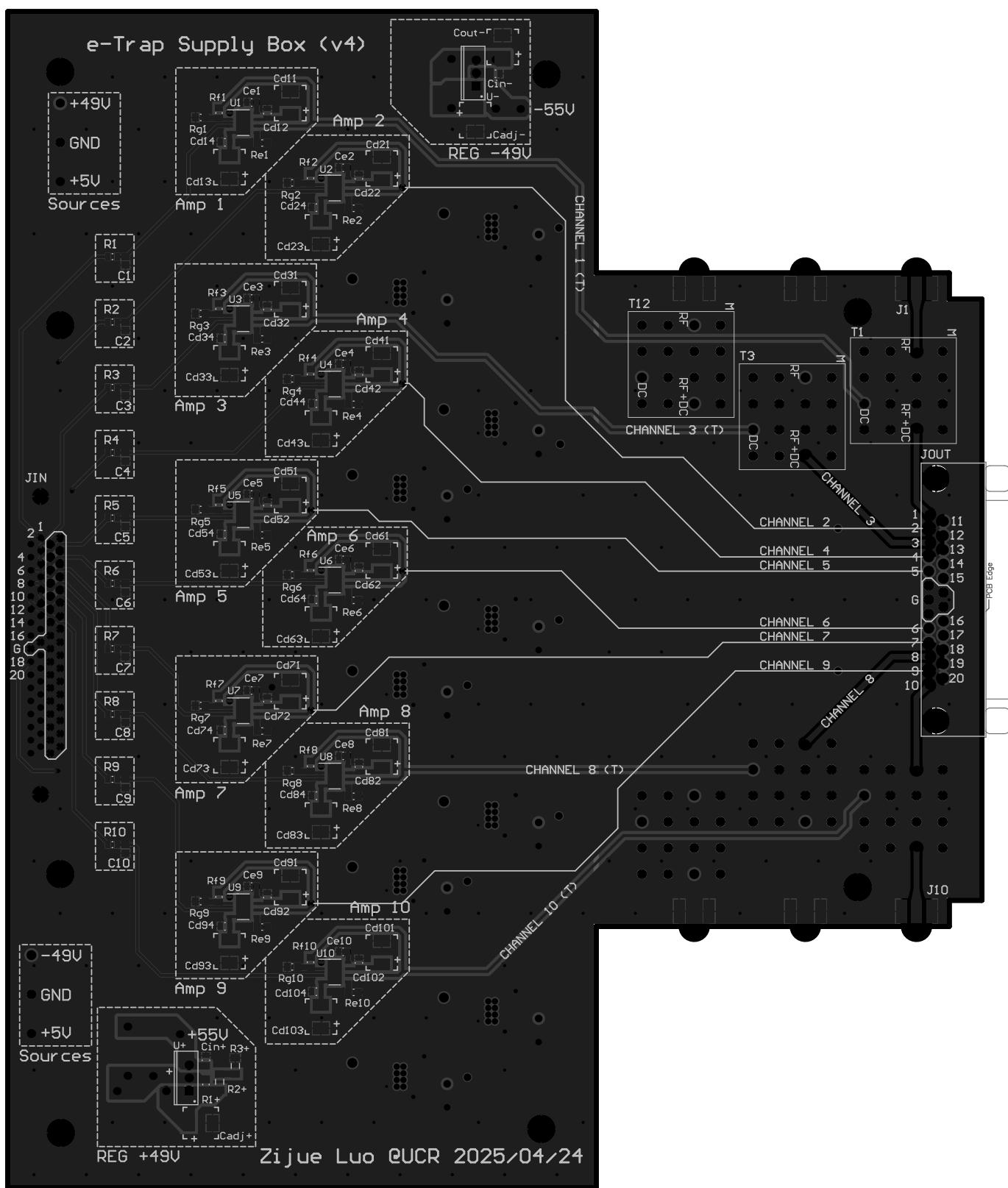












Comment	Description	Designator	Footprint	LibRef	Quantity
100n	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	CAP2013X145X48NL 0T23	CAP2013X145X48NL 0T23	CMP-2007-03167-1	20
10u	Aluminum Electrolytic Capacitor Polarized Aluminum (solid Polymer), 50V, 20% ±Tol, 20% -Tol, 10uf, Surface Mount, 2121	Cd1-, Cdj+, Cd11, Cd13, Cd21, Cd23, Cd31, Cd33, Cd41, Cd43, Cd51, Cd53, Cd61, Cd63, Cd71, Cd73, Cd81, Cd83, Cd91, Cd93, Cd101, Cd103, Cd111, Cd113, Cd121, Cd123, Cd131, Cd133, Cd141, Cd143, Cd151, Cd153, Cd161, Cd163, Cd171, Cd173, Cd181, Cd183, Cd191, Cd193, Cd201, Cd203, Cout-, Cout+	RAHV1100M1UCB800 2E-Footprint-1	CMP-001-00083-1	44
100n	CAP CER 1.0UF 25V X7R 0805	Cd12, Cd14, Cd22, Cd24, Cd32, Cd34, Cd42, Cd44, Cd52, Cd54, Cd62, Cd64, Cd72, Cd74, Cd82, Cd84, Cd92, Cd94, Cd102, Cd104, Cd112, Cd114, Cd122, Cd124, Cd132, Cd134, Cd142, Cd144, Cd152, Cd154, Cd162, Cd164, Cd172, Cd174, Cd182, Cd184, Cd192, Cd194, Cd202, Cd204, Ce1, Ce2, Ce3, Ce4, Ce5, Ce6, Ce7, Ce8, Ce9, Ce10, Ce11, Ce12, Ce13, Ce14, Ce15, Ce16, Ce17, Ce18, Ce19, Ce20, Cin-, Cin+	FP-CC0805-0_85-MFG	CMP-1036-04410-2	62
1N4004RLG	Standard Recovery Rectifier, 2-Pin Axial-Lead, Pb-Free, Tape and Reel	D1-, D1+, D2-, D2+	ONSC-AXIAL LEAD-2-59-10_P	CMP-0902-00098-1	4
SMA Connector Female	Our smaller SMA Female Connector purchased from amazon.com	J1, J3, J8, J10, J12, J19	SMA_Smaller	CMP-002-00072-1	6
1761028-4	Telecom and Datacom Connector, 68 Contact(s), Female, Right Angle, Solder Terminal, #2-S6, Receptacle	JIN	1761028-4-Footprint-1	CMP-002-00071-1	1
618025231121	Chip Resistor, 47 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	JOUT	618025231121	CMP-1502-00202-2	1
4.7k	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	RES2013X60X35NL1 0T20	CMP-1659-00011-4	20
240	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R1-, R1+	RES2013X60X35ML1 0T20	CMP-2100-03671-1	2
5.1k		R2-, R2+	RES3216X60X45ML1 0T20	CMP-2003-02340-1	2
3.3k		R3-, R3+	RES3216X60X45ML1 0T20	CMP-2003-02340-1	2
10k	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	Re1, Re2, Re3, Re4, Re5, Re6, Re7, Re8, Re9, Re10, Re11, Re12, Re13, Re14, Re15, Re16, Re17, Re18, Re19, Re20, Rg1, Rg2, Rg3, Rg4, Rg5, Rg6, Rg7, Rg8, Rg9, Rg10, Rg11, Rg12, Rg13, Rg14, Rg15, Rg16, Rg17, Rg18, Rg19, Rg20	RES2013X60X35ML1 0T20	CMP-2100-03671-1	40
33k	Chip Resistor, 3.3 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R11, Rf2, Rf3, Rf4, Rf5, Rf6, Rf7, Rf8, Rf9, Rf10, Rf11, Rf12, Rf13, Rf14, Rf15, Rf16, Rf17, Rf18, Rf19, Rf20	RES2013X60X35ML1 0T20	CMP-1013-00567-2	20
PBTC-1GW+	Mini-Circuit Bias-Tee (Version 2)	T1, T3, T8, T10, T12, T19	PBTC-1GW+	CMP-00025-00004-1	6
OPA454AIDDA	High Voltage (100V), High-Current (50mA) Operational Amplifier, G=1 Stable, 10 to 100 V, -55 to 125 degC, 8-pin SOP (D048), Green (RoHS and no Sn/Br)	U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20	DDA0008C_L	CMP-0017-00714-2	20
LM337SP	Three-Terminal Negative Voltage Regulator, 3-Pin TO-220	U-	TO220	CMP-0244-00420-1	1
LM317T	1.5A, 1.2V to 37V Adjustable Voltage Regulator, 3-Pin TO-220	U+	TO-220	CMP-0244-00444-1	1