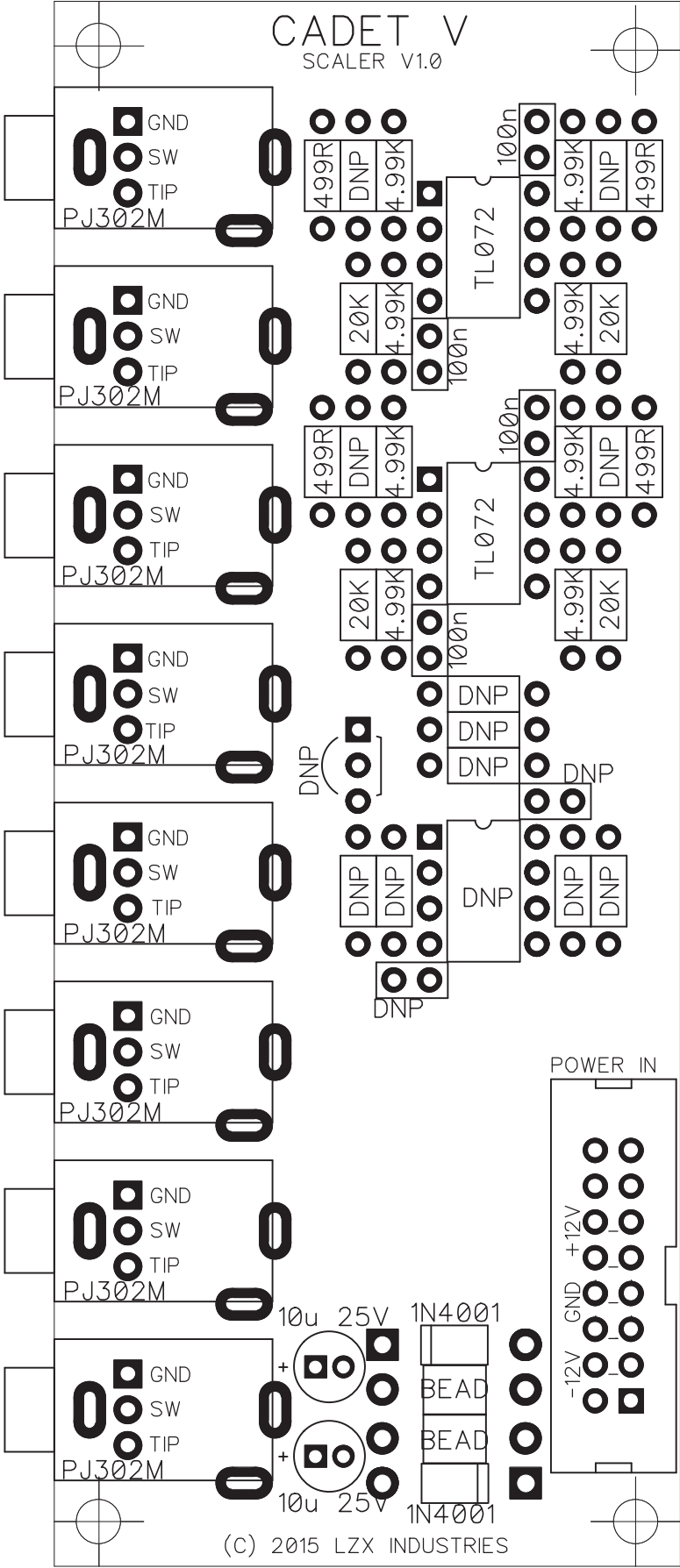


LZX Cadet V Scaler v1.0 Component Placement Diagram



Quantity	Description	Value	Reference Designators
4	Multilayer Ceramic Capacitors MLCC - Leaded 0.1uF 50volts Z5U 20% 2.5mm L/S	0.1 u	C3, C4, C7, C8
2	Aluminum Electrolytic Capacitors - Leaded 10UF 35V KS RADIAL	10 u	C2, C6
2	Rectifiers Vr/50V Io/1A T/R	1N4001	D1, D2
2	EMI Filter Beads, Chips & Arrays 43 BEAD ON LEAD Z=68 OHM @ 100MHz	-	L1, L2
4	Metal Film Resistors - Through Hole 1/4W 20K ohm 1% 20K OHM 1%	20K	R1, R3, R15, R17
4	Metal Film Resistors - Through Hole 1/4W 499 ohm 1% 500 OHM 1%	499R	R2, R5, R16, R19
8	Metal Film Resistors - Through Hole 1/4W 4.99K ohm 1% 4.99K OHM 1%	4.99K	R4, R6, R12, R14, R18, R20, R26, R28
11	DO NOT PLACE	-	R7, R8, R9, R10, R11, R13, R25, R27, R29, R30, R31
2	Operational Amplifiers - Op Amps Dual JFET In Low N	TL072IP	U1, U2
1	DO NOT PLACE	-	U3
1	DO NOT PLACE	-	U4
8	Right angled 3.5mm Jack Sockets w/Knurled Nuts, No Washers	-	J1, J2, J3, J4, J5, J6, J7, J8
1	16 Pin Shrouded Male Headers IDC	-	J9
1	16 Pin IDC EuroRack Power Cable	-	-
3	DO NOT PLACE	0.1 u	C5, C9
8	Knurled Nuts for PJ302M Jacks	-	-