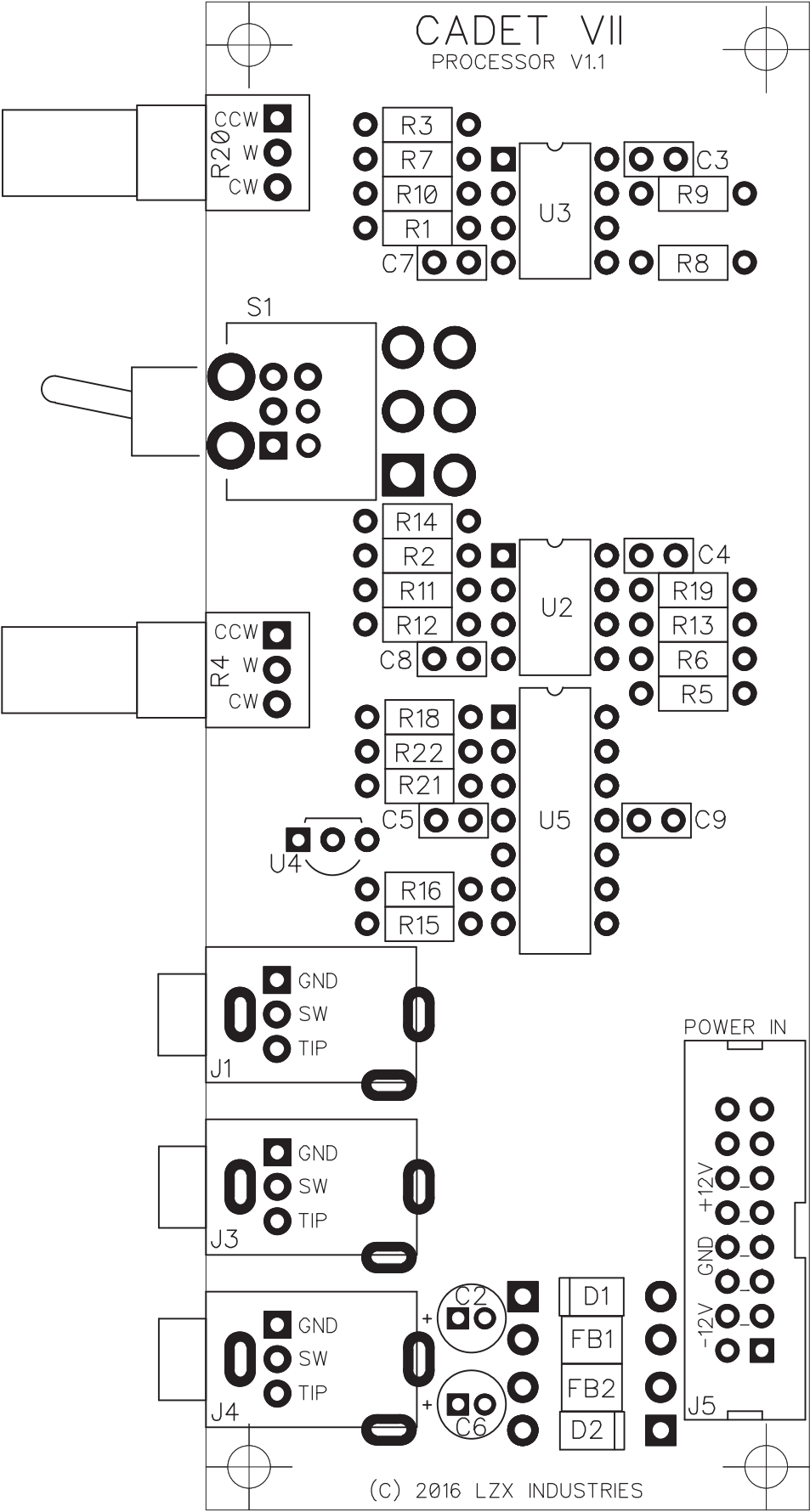


LZX Cadet VII Processor v1.1 Component Placement Diagram



Quantity	Description	Value	Reference Designators
2	Aluminum Electrolytic Capacitors - Leaded 10UF 35V KS RADIAL	10 u	C2, C6
6	Multilayer Ceramic Capacitors MLCC - Leaded 0.1uF 50volts Z5U 20% 2.5mm L/S	0.1 u	C3, C4, C5, C7, C8, C9
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	-	FB1, FB2
3	Right angled 3.5mm Jack Sockets w/Knurled Nuts, No Washers	-	J1, J3, J4
1	16 Pin Shrouded Male Headers IDC	-	J5
2	Metal Film Resistors - Through Hole 100K ohms 1% 100PPM	100K	R3, R14
9	Metal Film Resistors - Through Hole 1Kohms 1% 100PPM	1K	R2, R5, R6, R7, R10, R11, R13, R15, R16
1	Metal Film Resistors - Through Hole 20Kohms 1% 100PPM	20K	R22
3	Metal Film Resistors - Through Hole 1/4W 499 ohm 1%	499R	R1, R12, R19
2	Metal Film Resistors - Through Hole 1/4W 4.99K ohm 1%	4.99K	R18, R21
2	Metal Film Resistors - Through Hole 10Kohms 1% 100PPM	10K	R8, R9
2	Operational Amplifiers - Op Amps Dual High Speed,Low Pwr Amp	LM6172	U2, U3
1	Voltage References Adjustable Precision Shunt Regulator	TL431	U4
1	16 Pin IDC EuroRack Power Cable	-	
1	Operational Amplifiers - Op Amps JFET Input Low Noise	TL074	U5
2	Davies 1900H Clone Red (6.35mm Round Shaft)	-	-
2	Right Angle B10K Alpha 9mm Potentiometer	B10K	R4, R20
1	Toggle Switches ON-ON DPDT RA PC	-	S1
3	Knurled Nuts for PJ302M Jacks	-	-