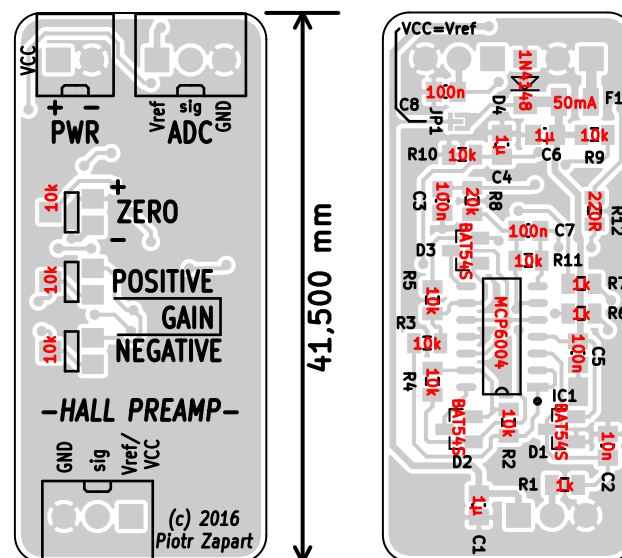


Id	Designator	Package	Quantity	Designation
1	RV3,RV1,RV2	Trimpot SMT, 3305SMD-10K	3	10k
2	C1,C4,C6	0805	3	1μ/16V
3	C2	0805	1	10n/50V
4	C3,C5,C7,C8	0805	4	100n/50V
5	D1,D2,D3	SOT-23	3	BAT54S
6	D4	MiniMELF	1	1N4148
7	F1	PolyFuse SMD1206	1	50mA
8	IC1	SOIC14	1	MCP6004
9	P1,P2	1x3 RM2.54mm header pin	2	NS25-W3P
10	P3	1x2 RM2.54mm header pin	1	NS25-W2P
11	R1	0805 1%	1	1k
12	R2,R3,R4,R5,R9,R10,R11	0805 1%	7	10k
13	R6,R7	0805 1%	2	1k
14	R8,R14	0805 1%	2	20k
15	R12	0805 1%	1	220R
16	R13	0805 1%	1	2M2



VCC = opamp supply voltage
Vref = ADC reference voltage, sensor/pot supply

In most cases, where VCC equals ADC reference voltage the jumper JP1 should be shorted together (put a blob of solder on the pad).

In cases where opamps are powered from a different supply than the ADC reference voltage (usually wider range), JP1 allows to separate both rails.

AXIS ANALOG CALIBRATOR

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Rev: B
Id: 1/1

PCBs available at OSH Park