

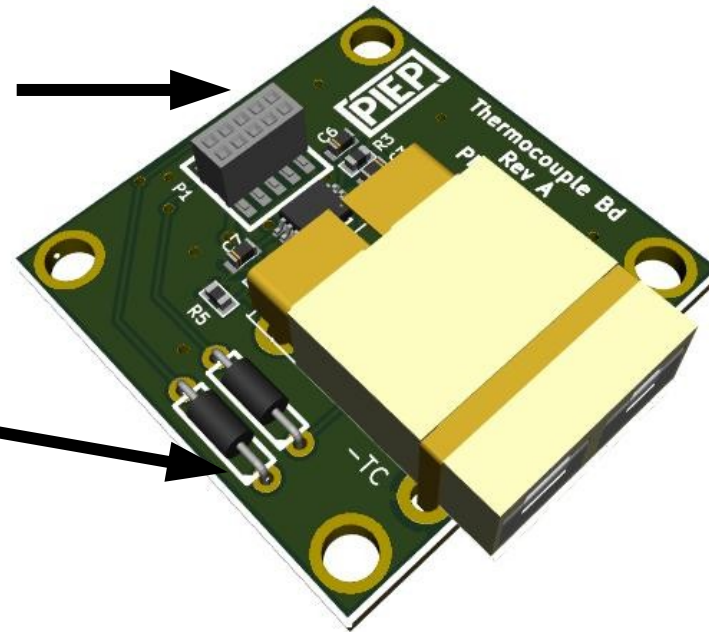
PIEP PN 311-004, Rev A Thermocouple Board

Top / Bottom Headers

1	+3.3V / +5V	Analog Out*	2
3		Analog Out*	4
5			6
7			8
9	GND		10

* Analog Output can be routed to either pin 2 or pin 4; via jumpers R1 or R2

Remove R1 to route output to header pin 4
Remove R2 to route output to header pin 2



Analog Device AD8497 K-type thermocouple sensor with cold junction compensation.
Compatible with +5V or +3.3V power sources; Calculate temperature per:
Temperature = $(V_{out} - 1.25) / 0.005 \text{ V}$.
Range 0°C to +750°C (5 Volt supply) or 0°C to +410°C (3.3V Supply)
Board ships with K-type thermocouple sensor
Spare Thermocouples – SKU 400-013
Spare Standoffs – SKU 400-012

PIEP standoffs – Hex M3X6 male-female

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