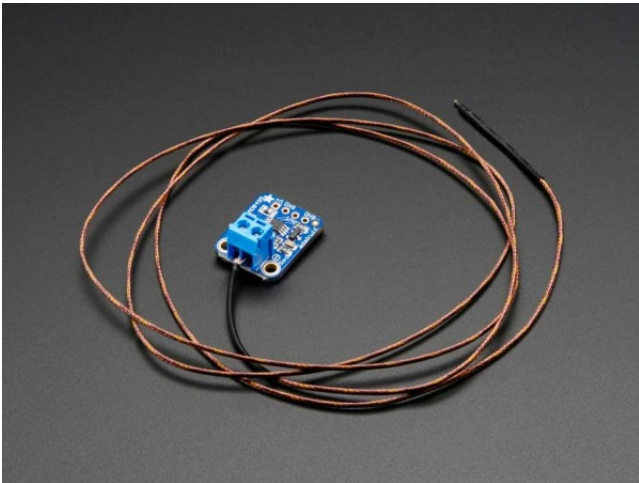


RADDs Electronics for 3D Printer

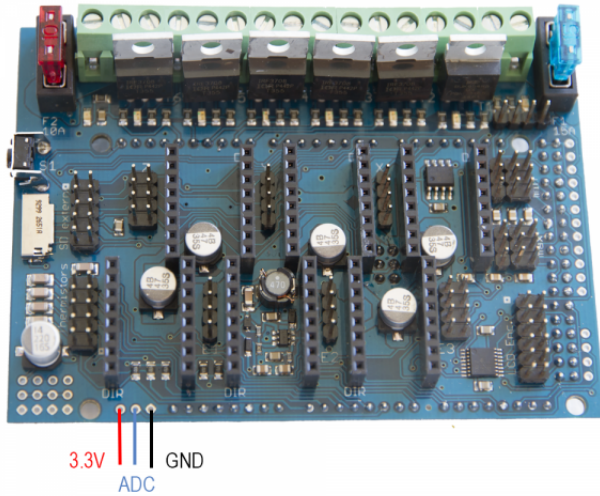
for a better printresult

Thermocouple



- <http://www.exp-tech.de/adafruit-analog-output-k-type-thermocouple-amplifier-ad8495-breakout>
- https://www.adafruit.com/datasheets/AD8494_8495_8496_8497.pdf

How to connect



Solder Pin Headers to the RADDs AUX ADC Port and connect the ThermoCouple 3.3V, ADC and GND pins

Repetier Firmware Settings

EXTRUDER

[Add extruder](#) [Remove last extruder](#)

Extruder 0

Extruder stepper: Extruder 0

☐ Invert motor direction
☐ Invert enable signal

Offset X: 0 [mm]

Offset Y: 0 [mm]

Offset Z: 0 [mm]

Start speed: 20 [mm/s]

Maximum speed: 50 [mm/s]

Resolution: 370 [steps per mm]

Acceleration: 5000 [mm/s²]

Temperature sensor: ADS494, ADS495, ADS496, ADS497 5mV/°C

Temperature sensor pin: Thermocouple 0

Heater pin: Heater 0 normally used for extruder 0

When using the Repetier Online Configuration Tool, you have to edit the value in:

- Temperature sensor
- Temperature sensor pin

Use the values used in the image