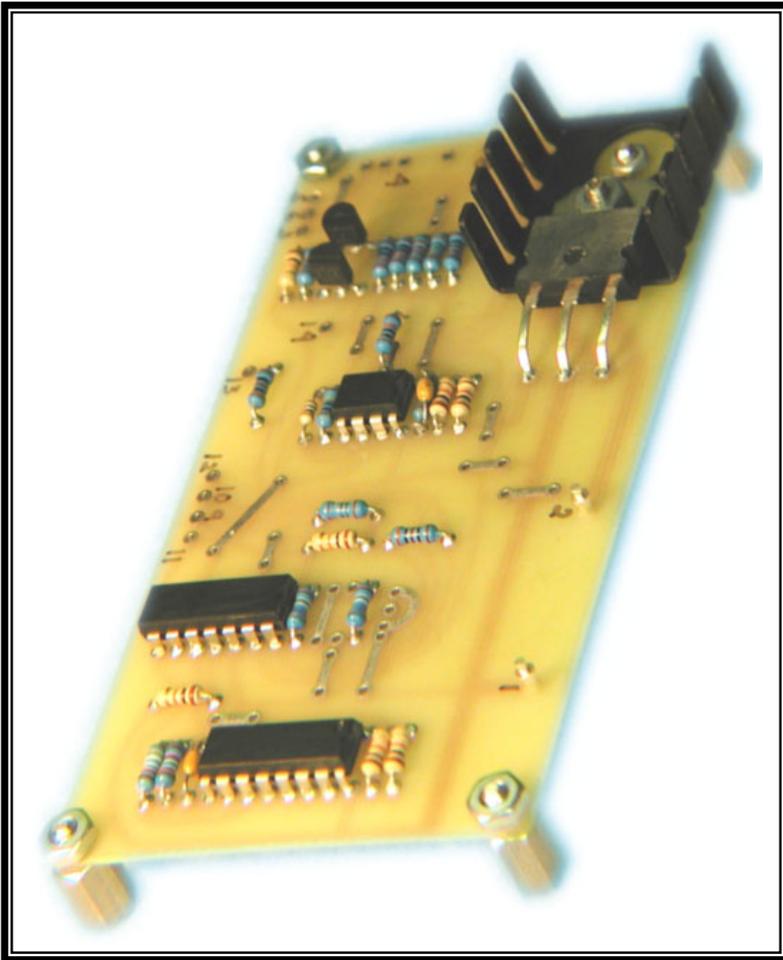


## TC - 2 LOW NOISE BOARD LEVEL CONTROLLER



**Part No:** TC - 2

The Model TC-2 is a low-noise board level controller. It is used for powering the TE-cooled EOS photoreceiver modules and detector components, as well as other TE-cooled devices that use NTC thermistor temperature sensors.

The user has the option of installing the TC-2 as an embedded, fixed-temperature controller or as a complete instrument with variable control and status indication LED's.

The TC-2 can also be customized for OEM applications requiring different sensors or different cooler I-V characteristics. The standard specifications are shown below.

**Note:** Please contact the factory to discuss your application with our friendly staff of engineers.

### SPECIFICATIONS

Input Power Requirement	5VDC, 1.5A
Temperature Set Point Resistance Range	1.5k - 50k+ OHMS
Temperature Control Range ( With EOS std. Thermistor )	+25C to -45C
Output Voltage	3VDC max.
Output Current	1.25A max.
Size	2.4" x 4.5" x 1.0"
Connection	Solder Connect
Available Status Indicators	Status: In/Out of range; Power On