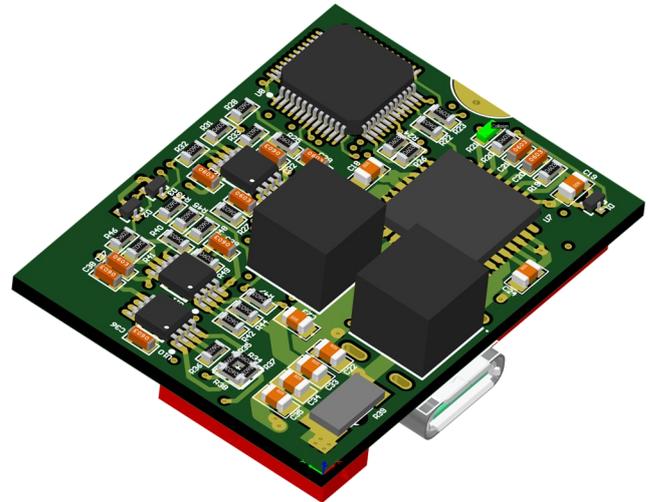


Introduction

The T150 temperature driver with full external digital control in one package.

T150 has full digital temperature control with current and voltage limits. All features can be controlled via USB and via RS485 with SCPI interface.

Module can use two temperature sensor inputs, one for TEC one for heatsink.



Specification

Features	Thermoelectric Module Digital Controller	
Applications	TEC Controls, OEM applications	
Specifications	Parameter	Value
Power	Single	5V /3A
TEC control	TEC current	0 ... \pm 2.5 A
	TEC voltage	> 3,5V
	Max output power	10 W
	Current limit	Software limit
	Input sensor	Thermistor 2,2—100 kOhm
	PID control	Digital PID control
Connectors	Power	10 pin Molex and USB
	Control	10 pin Molex and USB
Dimensions (WxHxD)	36.0 x 28.0 x 25.0 mm	
Weight	200 g	
Storage Temp	-55 to 100 C	
Operating Temp	-40 to 85 C	