

QUAD TRON, INC.

303 Camars Drive
Warminster, PA 18974

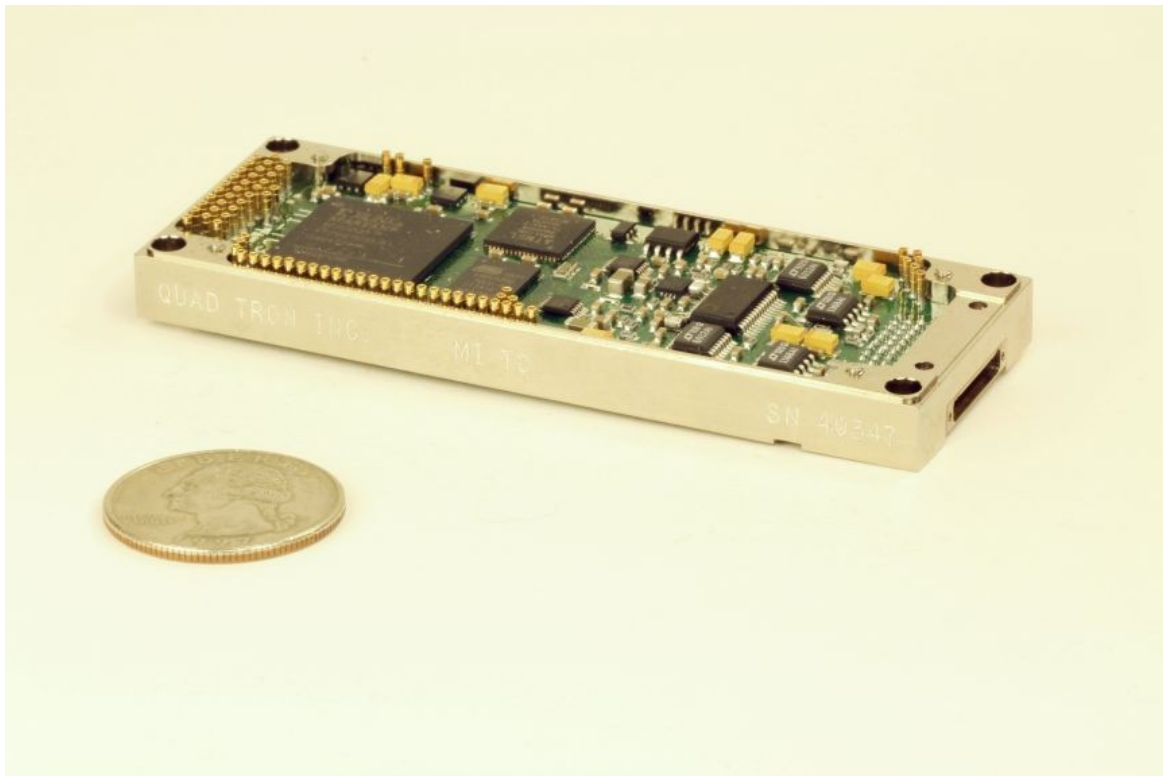
Phone: (215) 441-9303
Fax: (215) 441-9305
www.quadtron.com
Email: quadtron.inc@gmail.com

MICRO PCM ENCODER SERIES

MODEL MI_RT D4

4 CHANNEL RTD MODULE

The 4 Channel RTD module, MI_RT D4, is a very accurate 4 wire RTD Conditioner, with programmable per channel constant current excitation, 4 pole anti-aliasing filters, high resolution programmable gain and offset, and 16 bit A/D conversion. To achieve accuracy, amplifier gain and offset digital temperature compensation is employed.



NOTE: *The MI_RT D_ADD8 module can be used to increase the number of RTD's to 12.*

Electrical Specifications:

TRANSDUCER TYPE:	RTD's of 100 ohm, 500 ohm, and 1Kohm
EXCITATION:	Constant current, programmable per channel, 1 to 10 milli amps or contact factory for other options.
LOW PASS FILTERS:	Each channel is analog filtered at 500 Hz or contact factory for other options.

Environmental:

Operating Temperature:	-40°C to +85°C
Storage Temperature:	-55°C to +125°C
Humidity:	Relative humidity of 85% for two hours at 65°C.
Altitude:	Unlimited
Vibration:	20g's RMS from 5 to 2000Hz in each major axis.
Acceleration:	Constant acceleration of 100g's in each axis.
Shock:	100g's for 10m second in each major axis.

Mechanical:

Size:		
	inches	mm
Length	3.50	88.9
Width	1.25	31.75
Height	0.291	7.39
Weight:	25 g	
Engraving:	MI_RTD4	

J1 CONNECTOR : AIRBORN, NK-2F2-025-435-TH00

MATE: AIRBORN, NM-212-025-161-JCAC