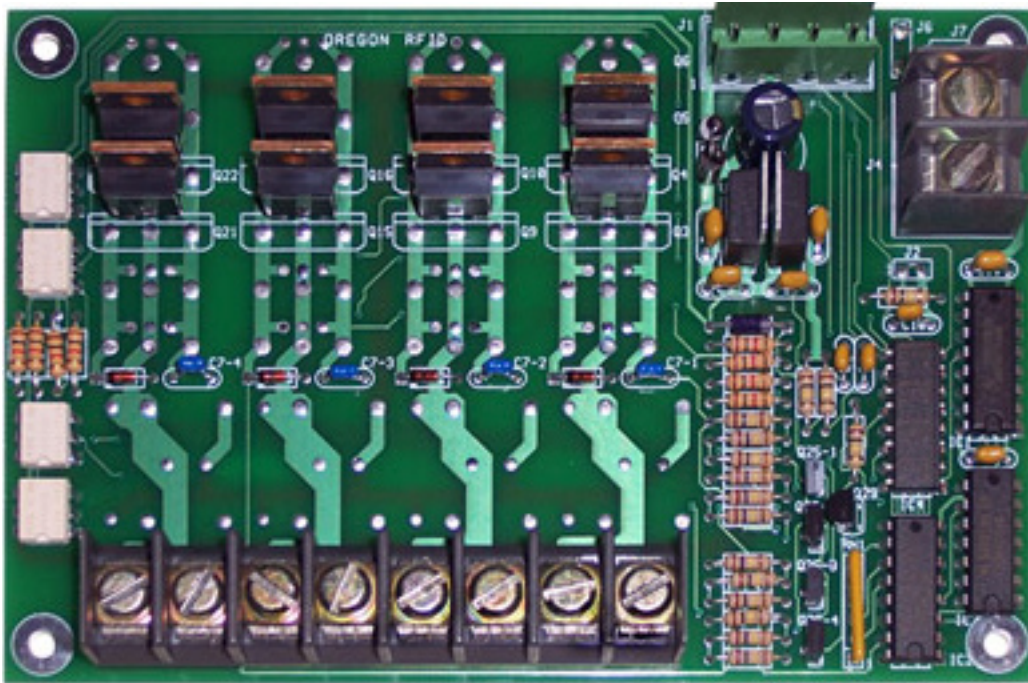




4-channel TX/RX Multiplexer Module for TI Series 2000

Description

The series 2000 4-Channel TX/RX Multiplexer is a direct replacement for the Texas Instruments RI-MOD-TX8A board. It allows the use of up to 4 transmit/receive antennae connected through a Remote Antenna Tuning Board (RI-ACC-008B) with one Remote Antenna Radio Frequency Module (RI-RFM-008B). The active antenna (TX/RX channel) is selected by a controller through two digital input signals.



Specifications

Part Number

RI-MOD-TX8A

RF Transmit Frequency	134.2 kHz
Power Supply	10 to 24 VDC
Antenna Resonance Voltage Allowed	Max. 350 Vpeak
Additional Resistance per Channel	Max. 4 Ohm
Dimensions	(136 mm x 90 mm x 31mm) +-2mm
Weight	120 gm
Operation With	RI-RFM-008 Remote Antenna RF Module RI-ACC-008 Antenna Tuning Board
Reference Documentation	11-06-21-039 Reference Guide for 4 channel multiplexer for Remote Antenna RFM
Cable (MUX to tuning board)	Symmetrical shielded cable (twin-ax)

For more information please visit our website at: <http://www.oregonrfid.com/multiplexer>