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[Texas Instruments](#)
[RI-MOD-TX8A-00](#)

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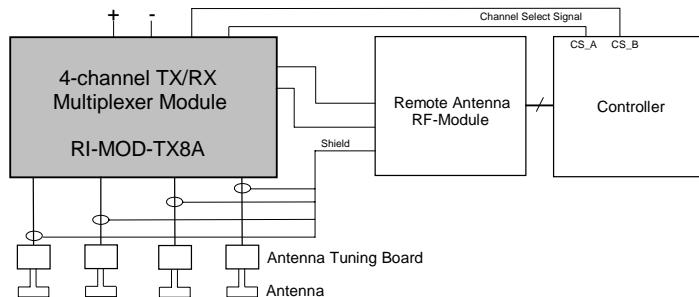
RADIO FREQUENCY IDENTIFICATION SYSTEMS

Series 2000 4-Channel TX/RX Multiplexer Module



Description

The Series 2000 4-Channel TX/RX Multiplexer Module allows the use of up to four 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	
Operating Temperature	-25 to +70°C	
Storage Temperature	-40 to +85°C	
Relative Humidity	< 97% non-condensing, IEC 68-2-30 Test Db, 21 cycles	
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 (L x W x H)	(136 mm x 90 mm x 31 mm) ± 2 mm	
Weight	120 g	
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 TX/RX Multiplexer for Remote Antenna RFM
Cable (MUX to tuning-board)	Symmetrical shielded cable (twin-ax)	
Approvals	CE; FCC	

For more information, contact the sales office or distributor nearest you. This contact information can be found on our web site at: <http://www.ti-rfid.com>

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