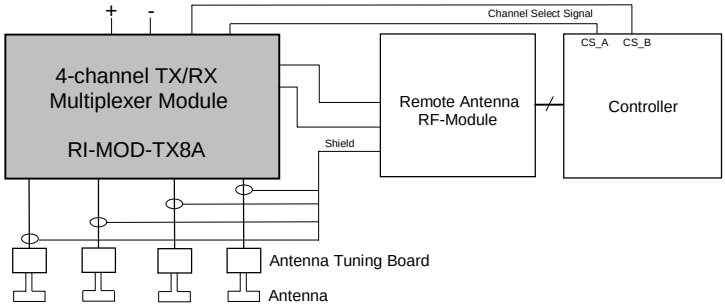
# Series 2000 4-Channel TX/RX Multiplexer Module



## *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<br>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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