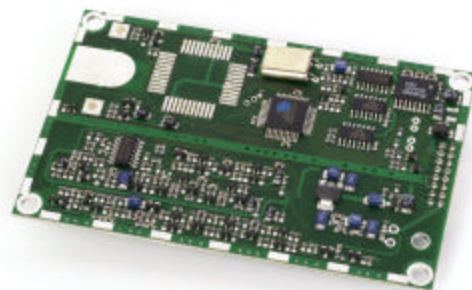


*Data Sheet*

# HF Reader System Series 6000

## S6350 Midrange Reader Module


***Specifications:***

<b>Part Number</b>	<b>RI-STU-TRDC-02</b>
Operating Frequency	13.56 MHz $\pm$ 7 kHz
Supported Transponders	Tag-it HF, Tag-it HF-I & ISO 15693 compliant transponders
Supply Voltage	5 VDC $\pm$ .5VDC
Power Consumption	1250 mW Maximum
Transmitter Power	120 mW into 50 $\Omega$ (Typical)
Transmitter Modulation	AM 10% - 30% (set at 20% nominal) or 100% - Software Selectable
Data Coding Mode	1 / 4 or 1 / 256
Input/Output	16-pin Header Connector
Antenna Connection	2 pins of 16-pin Header Connector
Antenna Impedance	50 $\pm$ 5 $\Omega$ @ 13.56MHz
Antenna Q, Loaded	10 < Q < 30
Communication Interface	RS232 (via 16-pin Header Connector)
Communication Parameters	57.6 K-baud, 8 data bits, 1 start bit, 1 stop bit & no parity
Communication Protocol	Tag-it & ISO Host protocol
Memory	Flash for downloadable firmware updates
Synchronization	Protocol synchronization via I/O
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Vibration	15 Hz to 500 Hz, 1g peak, 30 minutes sweep, logarithmic (MIL-STD-810E, Method 514.4)
Dimensions	4.3" x 2.7" x 0.4" 109.22mm x 68.58mm x 10.2mm (metric)
Weight	1.09 oz (31 grams)

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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