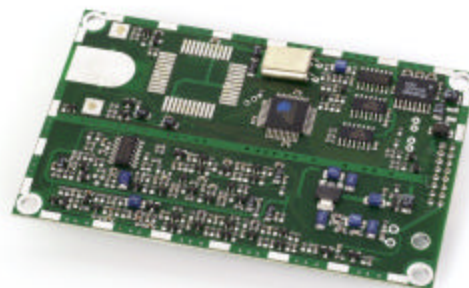


Data Sheet

HF Reader System Series 6000

S6350 Midrange Reader Module



Specifications:

Part Number	RI-STU-TRDC-02
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 Ω (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 Ω @ 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>

Texas Instruments reserves the right to change its products and services at any time without notice. TI provides customer assistance in various technical areas, but does not have full access to data concerning the uses and applications of customers products. Therefore, TI assumes no responsibility for customer product design or for infringement of patents and/or the rights of third parties, which may result from assistance provided by TI.