


Transponders

	<p style="text-align: center;"><u>Wedge</u></p> RI-TRP-R9WK RI-TRP-REWK RI-TRP-W9WK RI-TRP-WEWK RI-TRP-B9WK (DST sales restricted)	R/O 12 mm Wedge Transponder R/O 12 ECO Wedge Transponder R/W 12 mm Wedge Transponder R/W 12 ECO Wedge Transponder DST 12 mm Wedge Transponder
	<p style="text-align: center;"><u>23 mm Glass</u></p> RI-TRP-RRHP RI-TRP-REHP RI-TRP-WRHP RI-TRP-WEHP RI-TRP-BRHP (DST sales restricted)	R/O 23 mm Glass Transponder R/O 23 ECO Glass Transponder R/W 23 mm Glass Transponder R/W 23 ECO Glass Transponder DST 23 mm Glass Transponder
	<p style="text-align: center;"><u>KeyFob</u></p> RI-TRP-RFOB RI-TRP-WFOB RI-TRP-BFOB (DST sales restricted)	R/O Keyfob Transponder R/W Keyfob Transponder DST Keyfob Transponder
	<p style="text-align: center;"><u>32 mm Glass</u></p> RI-TRP-RR2B RI-TRP-RE2B RI-TRP-WR2B RI-TRP-WE2B RI-TRP-DR2B RI-TRP-IR2B	R/O 32 mm Glass Transponder R/O 32 ECO Glass Transponder R/W 32 mm Glass Transponder R/W 32 ECO Glass MPT 32 mm Glass Transponder SAMPT 32 mm Glass Transponder
	<p style="text-align: center;"><u>Small Disc</u></p> RI-TRP-R9QL RI-TRP-W9QL	R/O 30 mm Disc Transponder R/W 30 mm Disc Transponder
	<p style="text-align: center;"><u>50 mm Glass</u></p> RI-TRP-W9TB	R/W 50 mm Glass Transponder


	<p><u>Credit Card</u> RI-TRP-R4FF RI-TRP-W4FF</p>	R/O Credit Card Transponder R/W Credit Card Transponder
	<p><u>Small MOM</u> RI-TRP-R9VS RI-TRP-W9VS</p>	R/O Small Mount-on-Metal Transponder R/W Small Mount-on-Metal Transponder
	<p><u>Large Disc</u> RI-TRP-R9UR RI-TRP-W9UR</p>	R/O Large 85 mm Disc Transponder R/W Large 85 mm Disc Transponder
	<p><u>Cylindrical</u> RI-TRP-R9TD RI-TRP-W9TD RI-TRP-D9TD</p>	R/O 120 mm Cylindrical Transponder R/W 120 mm Cylindrical Transponder MPT 120 mm Cylindrical Transponder







Complete Readers




	<p><u>Mid Range Reader Evaluation Kit</u> RI-K3A-001A</p>	<p>Contains MicroReader, Disc antenna and a variety of tags; in addition to PSU, software and data cable.</p>
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	<p><u>Evaluation Kit</u> RI-K2A-001A</p>	<p>Contains S2000 Reader, Stick antenna and a variety of tags; in addition to PSU, software and data cable.</p>
	<p><u>S2500 Series</u> RI-STU-S251B</p>	<p>"Plug 'n Play". Has auto-tuning and both RS232 and RS485/ 422 communications ports</p>
	<p><u>S2000 Series</u> RI-STU-MB2A RI-STU-MB6A</p>	<p>RS232 Communications RS422/ RS485 Communications</p> <p>Comprises RI-RFM-104B and RI-CTL-MB2A or RI-CTL-MB6A</p>
	<p><u>Microreader</u> RI-STU-MRD1</p>	<p>Dual-in-line reader, with low Power consumption. Will read all low frequency Transponders.</p>




Reader Modules




	<p><u>S2000 Control Board</u> RI-CTL-MB2A RI-CTL-MB6A</p>	<p>RS232 Communications RS422/ RS485 Communications</p>
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	<p><u>S2000 Standard RF Module</u> RI-RFM-104B</p>	<p>Standard RFM - Inductive Tuning</p>
	<p><u>S2000 Power RF Module</u> RI-RFM-007B</p>	<p>Higher power output and Ambient temperature range. 10 to 24 VDC supply. Capacitive tuning</p>
	<p><u>S2000 Remote Antenna RFM</u> RI-RFM-008B</p>	<p>Enables antennas to be up to Located 120m from the readers. Needs Remote Tuning board (RI-ACC-008A)</p>
	<p><u>S2000 Remote Antenna tuning Board</u> RI-ACC-008B</p>	<p>When a Remote Antenna RFM is used with a multiplexer, additional tuning boards will be required for the extra antennas</p>
	<p><u>S2000 Remote Antenna RFM Multiplexer</u> RI-MOD-TX8A</p>	<p>Allows 4 antennas to be driven by a single remote antenna reader using time division switching.</p>
	<p><u>Mini RF Module</u> RI-RFM-003B</p>	<p>Designed for Handheld reader Applications. Requires special antenna (RI-ANT-P02A)</p>



	<p><u>S2000 RF ASIC</u> (Original) RI-RFM-006A (Sales restricted)</p>	<p>Used for automotive immobiliser Readers and high volume Handheld units (-00 = Tube) (-TR = Tape on Reel)</p>
	<p><u>S2000 RF ASIC</u> (New) RI-TMS3705ADR (Sales restricted)</p>	<p>Used for automotive immobiliser Readers and high volume Handheld reader units</p>
	<p><u>3D AFE</u> <u>RI-TMS37122</u> (Sales restricted)</p>	<p>3D Analog Front End for automotive passive entry and other applications</p>

Antennas

	<p><u>Stick Antenna</u> RI-ANT-P02A</p>	<p>Antenna for use with Mini-RFM Only (115 μH Inductance)</p>
	<p><u>Stick Antenna</u> RI-ANT-S01C</p>	<p>Ferrite cored Stick Antenna with 1 m cable (27 μH Inductance).</p>
	<p><u>Stick Antenna</u> RI-ANT-S02C</p>	<p>Ferrite cored Stick Antenna with 3 m cable (27 μH Inductance).</p>

 A square-shaped antenna with a white frame and a central octagonal cutout. A black cable is attached to the bottom.	<p><u>Small Gate Antenna</u> RI-ANT-G02E</p>	<p>Small Gate antenna. (27 μH Inductance)</p>
 A rectangular antenna with a white frame and a central rectangular cutout. A black cable is attached to the bottom left.	<p><u>Medium Gate Antenna</u> RI-ANT-G01E</p>	<p>Medium Gate Antenna (27 μH Inductance)</p>
 A large rectangular antenna with a white frame and a complex internal structure featuring a large triangular cutout. A black cable is attached to the bottom left.	<p><u>Large Gate Antenna</u> RI-ANT-G04E</p>	<p>Largest Standard Antenna (26 μH Inductance)</p>

Accessories




	<p><u>Sleeving</u> RI-ACC-SHT3</p>	<p>Gives additional protection to glass transponders. (Min 1000)</p>
	<p><u>Housing</u> RI-ACC-T006</p>	<p>Plastic carrier for 32 mm transponders to give extra protection and separation from metal</p>
	<p><u>Antenna Tuning Indicator</u> RI-ACC-ATI2</p>	<p>Allows easy tuning and wireless synchronisation adjustment for the Standard and Power RFMs (Not required for the Remote RFM)</p>

HF Products

	<p><u>Tag-it HF Inlays</u></p> <p>RI-I01-110A RI-I11-110A</p> <p>RI-I02-110A RI-I12-110A</p> <p>RI-I03-110A</p> <p>RI-I14-110A</p>	<p><u>Square</u> (45 mm x 45 mm) Metric pitch 48 mm Imperial pitch 2 in</p> <p><u>Rectangle-Large</u> (76 mm x 45 mm) Metric pitch 96 mm Imperial pitch 4 in</p> <p><u>Rectangle-Miniature</u> (38mmx22.5mm) Metric pitch 48mm</p> <p><u>Strip</u> (93 mm x 17 mm) Imperial pitch 4 in</p>
	<p><u>ISO HF-I Inlays</u></p> <p>RI-I01-112A RI-I11-112A</p> <p>RI-I02-112A RI-I02-112B * RI-I12-112A</p> <p>RI-I03-112A</p>	<p><u>Square</u> (45 mm x 45 mm) Metric Pitch 48 mm Imperial Pitch (2")</p> <p><u>Rectangle-Large</u> (76 mm x 45 mm) Metric Pitch 96 mm Metric with offset for PVC card Man. Imperial Pitch 4"</p> <p><u>Rectangle Miniature</u> (38 x 22.5 mm) Metric Pitch 48 mm</p>
	<p><u>Vicinity Card</u></p> <p>RI-TH1-CB1A</p>	<p>ISO 15693 Compatible Credit Card</p> <p>Based on 13.56 MHz HF-I inlay</p>
	<p><u>Chip-less Inlays</u></p> <p>RI-I01-0001 RI-I11-0001 RI-I02-0001 RI-I12-0001 RI-I03-0001 RI-I14-0001</p>	<p>These Inlays are for machine Setting</p> <p>45 mm x 45 mm, mm pitch 45 mm x 45 mm, inch pitch 45 mm x 76 mm, mm pitch 45 mm x 76 mm, inch pitch 22.5 mm x 38 mm, mm pitch 17 mm x 93 mm, inch pitch</p>

HF Reader System Series 6000

	<p><u>HF Midrange Evaluation Kit</u></p> <p>RI-K10-001A</p>	<p>S6000 TRDC-02 Reader/ Antenna FCC and ETSI approvals</p> <p>With PSU, Data Cable, Inlays Supported Transponders</p> <ul style="list-style-type: none"> ▪ Tag-it HF ▪ Tag-it HF-I (ISO)
	<p><u>HF Evaluation Kit</u></p> <p>RI-K01-320A-02 RI-K02-320A-02</p>	<p>HF Evaluation Kit S6120 Reader/ Antenna Set</p> <p>US Approved Version (120mW) ETSI Approved Version (800mW)</p> <p>PSU Optional Supported Transponders: - Tag-it HF</p>
	<p><u>S6110 Reader Module</u></p> <p>RI-R00-321A</p>	<p>High performance reader module</p> <p>With RS232 interface and Power regulation board</p> <p>Supported Transponders: - Tag-it HF</p>
	<p><u>S6700 Transceiver IC</u></p> <p>RI-R6C-001A</p> <p>(restricted sales)</p>	<p>Multi-Protocol Transceiver IC Supported RF Protocols:</p> <ul style="list-style-type: none"> - Tag-it HF - ISO 15693-2 - ISO 14443-2 (Mode A)
	<p><u>S6300 Reader Module</u></p> <p>RI-STU-TRDC</p>	<p>Multi-Protocol reader module</p> <ul style="list-style-type: none"> - RF output power: 120 mW into 50 Ohms - RS232 Serial Interface <p>Supported Transponders:</p> <ul style="list-style-type: none"> - Tag-it HF - Tag-it HF-I (ISO15693)

	<p><u>S6500 Reader Module</u> RI-STU-650A</p>	<p>Long Range Reader Module</p> <ul style="list-style-type: none"> - RS232/RS485 interface - Relay and other outputs - Up to 10 W RF output <p>Supported Transponders:</p> <ul style="list-style-type: none"> - Tag-it HF - Tag-it HF-I (ISO15693)
	<p><u>S6550 Reader</u> RI-STU-655A</p>	<p>Long Range Reader</p> <ul style="list-style-type: none"> - Housed with P/S - RS232/RS485 interface - Relay and other outputs - Up to 10 W RF output <p>Supported Transponders:</p> <ul style="list-style-type: none"> - Tag-it HF - Tag-it HF-I (ISO15693)
	<p><u>S6000 Antenna</u> RI-ANT-T01A</p>	<p>Gate Antenna</p> <ul style="list-style-type: none"> - 3.6 m cable - Up to 8 W power - IP 65 rated