TITAN

RFID Reader Industry
OEM Board

PART ID:
4005

The LF RFID OEM Reader Board Serial TITAN 4005 supports the Multiprotocol FDX-B and HDX functionality related to ISO/IEC 11784/785 / BDE standard. The TITAN 4005 is used by electronics developers to integrate LF RFID reading functionality into own devices. Target applications are the waste management and the animal identification or other industrial applications. The small shape allows the integration in handheld PDAs or tablet PCs. A good read range is available even if the reader board is of small shape.



Main Specifications

Frequencies	**LF** HF UHF
Material	FR4
Operating Temperature	-20°C to 65°C
IP Class	Not Specified
Compliance	RoHs & Reach, CE
Key Features	Small Size, Command Interpreter, ASK/FSK Modulation

Full Specifications

Product ID	4005
Name	TITAN
Material	FR4
Shape	Short Range
Long Description	The LF RFID OEM Reader Board Serial TITAN 4005 supports the Multiprotocol FDX-B and HDX functionality related to ISO/IEC 11784/785 / BDE standard. The TITAN 4005 is used by electronics developers to integrate LF RFID reading functionality into own devices. Target applications are the waste management and the animal identification or other industrial applications. The small shape allows the integration in handheld PDAs or tablet PCs. A good read range is available even if the reader board is of small shape.
Key Features	Small Size, Command Interpreter, ASK/FSK Modulation
Main Use	Embedded
Article Type	OEM Board
Color	Green
Length [mm]	70

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Where application information is given, it is only advisory and does not form part of the specification.

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Width [mm]	20
Thickness [mm]	8
Weight [g]	15
IP Class	Not Specified
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	5V DC
Battery Type	None
Battery Capacity	None
Operating Frequency	LF
Frequency Range	125 - 134 kHz
Current Consumption	80mA
Power over Ethernet [PoE]	None
Interfaces Physical	TTL/RS232/RS485
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	1
Antenna ext.	1
Firmware Update User	yes
Integrated RFID Reader	LF
Development Tools	API
Mounting Method	Embedd

VARIANTS

ID	Variant
4005-01-000-00	LF Read/Write

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