TITAN

RFID Reader Industry
OEM Board

PART ID:
4007

The TITAN 4007 125 kHz / 134 kHz RFID Long Range Reader supports the reading of 64 bit Read Only EM4200 125 kHz and 134 kHz ISO Animal FDX-B Read Only TAGs. System integrators use the LF RFID Reader for Industrial applications in logistics where read ranges of about 600 mm with one single external antenna are needed. The TITAN 4007 is the right choice to increase the read range or to identify TAGs at different control points. 2 independent working LF Long Range antennas could be connected.

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	2 Antenna Support, Antenna Autotune, Automatic Read Mode, Command Interpreter
Options	TCP/IP

Full Specifications

Product ID	4007
Name	TITAN
Material	FR4
Shape	Long Range
Long Description	The TITAN 4007 125 kHz / 134 kHz RFID Long Range Reader supports the reading of 64 bit Read Only EM4200 125 kHz and 134 kHz ISO Animal FDX-B Read Only TAGs. System integrators use the LF RFID Reader for Industrial applications in logistics where read ranges of about 600 mm with one single external antenna are needed. The TITAN 4007 is the right choice to increase the read range or to identify TAGs at different control points. 2 independent working LF Long Range antennas could be connected.
Key Features	2 Antenna Support, Antenna Autotune, Automatic Read Mode, Command Interpreter
Options	TCP/IP
Comments	Reading Distance Depends On Antenna

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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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Main Use	Embedd
Article Type	OEM Board
Color	Green
Length [mm]	156
Width [mm]	134
Thickness [mm]	20
Weight [g]	200
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
Typical Reading Range	600mm
Supported Standards / Tags	EM4200/FDX-B
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	12V DC
Operating Frequency	LF
Frequency Range	125 -134 kHz
Current Consumption	700mA
Interfaces Physical	RS232/RS485/TCP-IP
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	2
GPIO	5
Number of Input	2
Number of Output	3
Number of Relais	3
Connection	Terminal Clamps
Status [Display,LED]	4
Firmware Update User	yes
Mounting Method	Screw M4/M6

VARIANTS

ID	Variant
4007-01-000-00	LF Read Only

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