

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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| | |
|----------------------------|--------------------|
| 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 |