

TITAN

RFID Reader Industry OEM Board

PART ID:
4006

LF Multifrequency 125 kHz / 134 kHz Mid Range RFID OEM Reader Board TITAN 4006 with 1 Antenna Output was developed to connect 1 external antennas from the SIRIUS series and is used by system integrators in applications like factory automation. The eurocard sized OEM-PCB (133 x 100 mm) can be easily mounted in a standard housing unit. A multiplexer for duplicating the antenna port is also available.



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 | Antenna Autotune, Command Interpreter, Multiplexer Support |

Full Specifications

| | |
|------------------|---|
| Product ID | 4006 |
| Name | TITAN |
| Material | FR4 |
| Shape | Long Range |
| Long Description | LF Multifrequency 125 kHz / 134 kHz Mid Range RFID OEM Reader Board TITAN 4006 with 1 Antenna Output was developed to connect 1 external antennas from the SIRIUS series and is used by system integrators in applications like factory automation. The eurocard sized OEM-PCB (133 x 100 mm) can be easily mounted in a standard housing unit. A multiplexer for duplicating the antenna port is also available. |
| Key Features | Antenna Autotune, Command Interpreter, Multiplexer Support |
| Comments | Reading Distance Depends On Antenna |
| Main Use | Embedd |
| Article Type | OEM Board |
| Color | Green |
| Length [mm] | 134 |
| Width [mm] | 100 |

| | |
|----------------------------|---------------------|
| Thickness [mm] | 20 |
| Weight [g] | 226 |
| 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/HitagS/FDX-B |
| Operating Temp °C (min) | -20 |
| Operating Temp °C (max) | 65 |
| Storage Temp °C (min) | -20 |
| Storage Temp °C (max) | 65 |
| Power Supply | 24V |
| Operating Frequency | LF |
| Frequency Range | 125 -134 kHz |
| Current Consumption | 500mA |
| Interfaces Physical | RS232/RS485 |
| Interfaces Protocol | ASCII |
| Transfer rate [Baud] | 9600 |
| Antenna Ports | 1 |
| Antenna ext. | 1 |
| GPIO | 2 |
| Number of Input | 1 |
| Number of Output | 1 |
| Number of Relais | 1 |
| Connection | Terminal Clamps |
| Status [Display,LED] | 4 |
| Integrated RFID Reader | LF |
| Development Tools | API |
| Mounting Method | Screw M4 / DIN Rail |

VARIANTS

| ID | Variant |
|----------------|--------------|
| 4006-01-000-00 | LF Read Only |