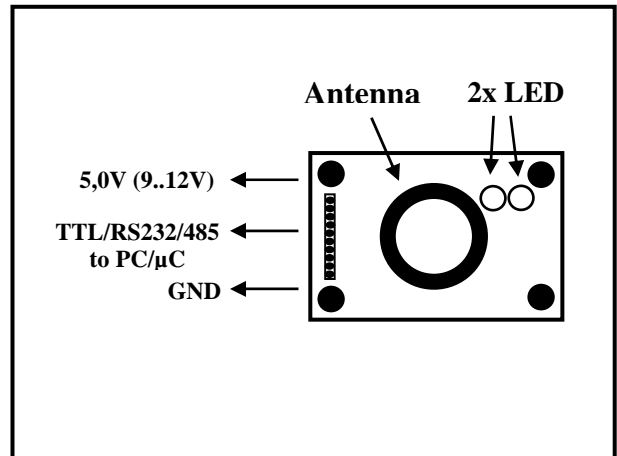**125 kHz RFID reader board**

Schematic

Description:
- **Frequency: 125 kHz +/- 3,0kHz**
- **Antenna: L490µH, R<5R, on board or ext.**
- **Read distance: 3 – 10cm (proximity)**
- **Housing: PCB, no housing**
- **Dimension: 65x45x10mm**
- **Power supply: 5,0V or 9..12V**
- **Supply current: 32mA(13mA – Ant. off)**
- **Operating temp.: -45°C to +85°C ind.**
- **Interfaces: TTL, RS232(+USB), RS485**
- **Tags: UNIQUE(EM4x02)**
- **Code reading: continuously, 10xcode/s**
- **Part number :**
  - **- RS-1210A   = RS232**
  - **- RS-1210B   = USB(converter)**
  - **- RS-1210C   = RS485**
  - **- RS-1210D   = TTL**
- **LED: two = power and activity**
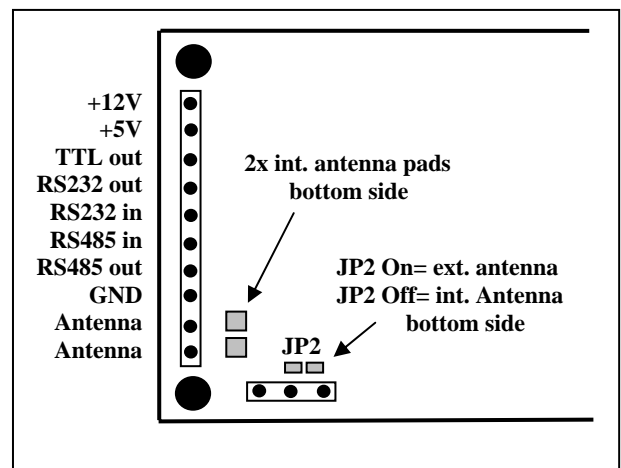- **Integrated voltage regulator (v.9..12V)**

Accessories :
- **Ext. antenna short–range 28x4mm**
- **Ext. antenna long-range 35x70cm**
  (only for long range version)
- **Ext. antenna double gate 2x = 35x70cm**
  (only for double gate version)
- **Power supply : 12V/1A**

Versions : short-range, long-range, double-gate, industrial, military

Technical :

Communication parameter :

Baud	:	4800
Data Bits	:	8
Parity	:	Non
Stop Bits	:	1

RFID READER BOARD - PIN OUT

Version :