

**Product Datasheet
OEM Reader Module
ext. antenna**

Article No : TLM- 10



The TECTUS Mini Reader Modules are fully integrated low cost readers at minimized dimensions, focused to access control and time & attendance applications

The TECTUS TLM-10 needs just an external antenna (selection of antennas to be found in the TLA series) to become a plug & play EM410x (Sokymat UNIQUE) reader.

TLM-10 Mini Readers comes already with a wide variety of selectable data transmission protocols, like wedge, wiegand26 and magnetic stripe (ABTRKII).

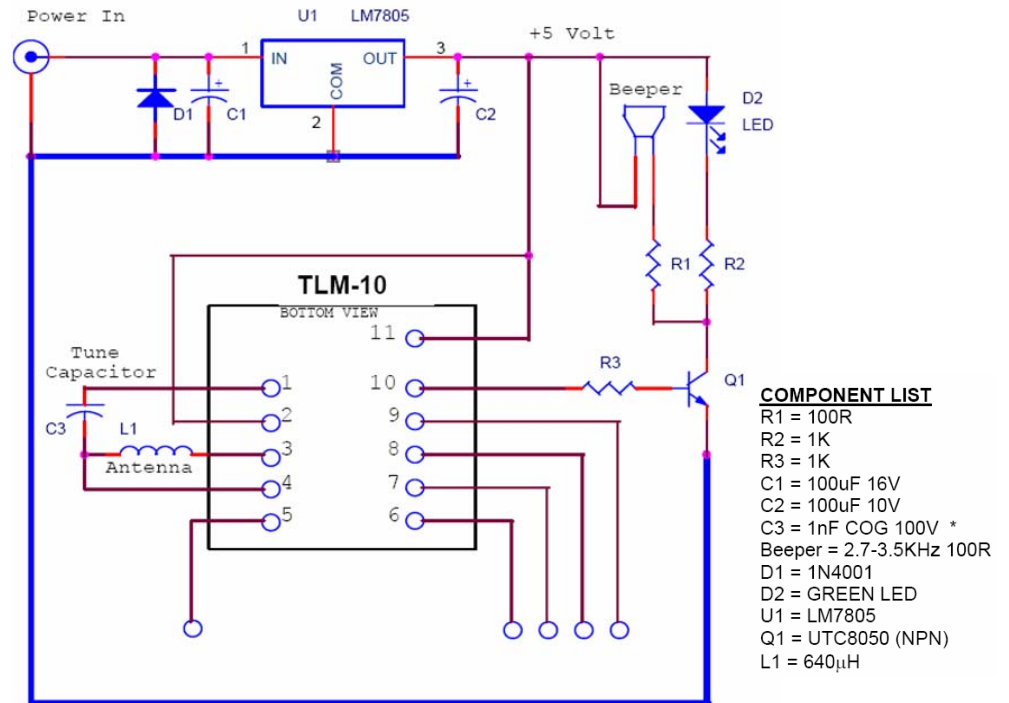
Frequency	125 kHz +/- 2,5 (at RT)
Antenna	Needs external antenna of TLA-xx series; antenna design guide available
Read Distance	Short range (>200mm with ISO cards)
Housing	Plastic, IP67 with 9x PIN-OUT
Dimensions	21 x 19 x 6 mm (¹³ /16 x ³ /4 x ¹ /4 inches)
Supply Voltage /Current	4.5 to 5.5 VDC /13mA
Operating Temperature	-20°C to +50°C (-4F to +122F)
Interfaces	wedge (serial TTL); Wiegand 26 and magstripe ABA track II
Transponder types	Read only: EM410x (Sokymat Unique) OTP : Q5, HT-S (EM410x Mode)
Technical Certificates	CE
Features	• Most common interfaces for access control /time & attendance are implemented • Interface selection via pin-out • LED or beeper control pin • Needs just 5V DC and an external antenna to become an OEM reader • Provides an excellent reading performance, without adding external circuitry • Low cost, small size • Shortest possible design-in phase

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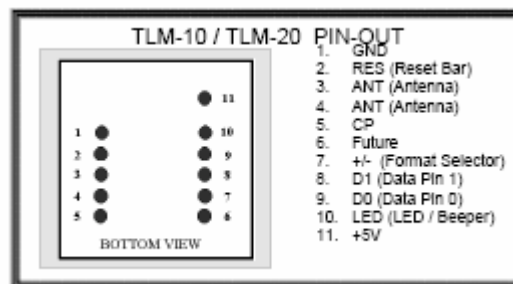
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Circuit example:



Pin Out



Order Number

TLM-10.aa

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