

**Product Datasheet
OEM Reader Board
ISO 14443-A/B
ISO 15693**

Article No : TLB – 57



The TECTUS-57 series of ISO14443-A/B and ISO 15693 reader boards are designed for distributors and system integrators who need a small-sized but powerful multi-tag reader for 13,56MHZ.

This low cost reader board meets customer requirements for access control public transportations, contact-less transaction applications and industrial data capture

With its multiple interface options and the on-board antenna which could be displaced from the reader module, it offers a maximum of flexibility to the customer

Frequency	13,56 MHz
Read Distance	short Range (70mm with SO card), can be extended with larger antennas
Housing	pcb board without housing
Dimensions	100 x 50 x 8 mm (4 x 2 x ⁵ /16 inches) and 46 x 50mm without antenna
Supply Voltage	regulated +5VDC $\pm$ 5%
Supply Current	< 120mA in operating mode
Operating Temperature	-10°C to +70°C
Storage Temperature	-20°C to +80°C
Humidity	0 to 95% relative humidity (non condensing)
Interfaces	TTL /RS232
Baudrate (reader-host)	15'200 Kbits/s
Transponder types	TagIt; I-code; MIFARE® (standard, ultralight, DES-Fire, 4K, Pro/Prox); SLE55Rxx; SLE66CL160S, Other 14443 AB transponders
Features	• Two programmable LED's on board • One programmable buzzer on board • With PCB antenna, external antennas can be added • Large temperature range • Antenna design for volume projects offered by TECTUS without cost • Multiple interface options

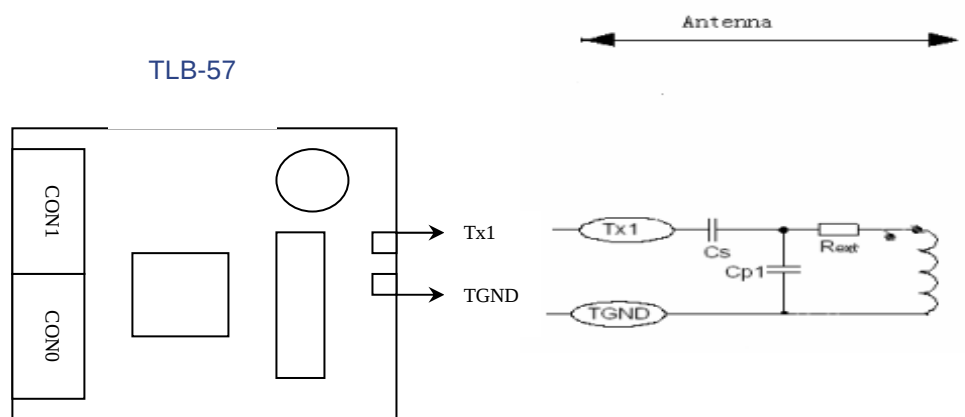
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Antenna

TLB-57 with PCB antenna on board, 50Ω Impedance



Ordering Informations

TLB-57-AA

RS232 & TTL -Interface

TAC-50-CC

Connector Cable

Pictures



Applications

Access control, Hand-held terminals, parking meters, public telephones, prepaid gas, electric meters and on-board units, road toll, electronic ticketing for public transportation, industrial data capture.....

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