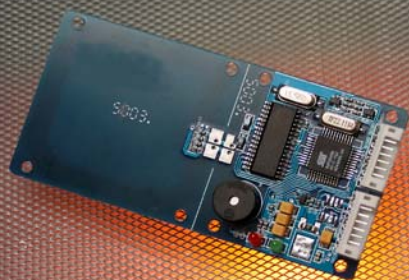


Product Datasheet OEM Reader Board ISO 14443-A

Article No : TLB – 55



The TECTUS-55 series of ISO14443-A reader boards are designed for distributors and system integrators who need a small-sized MIFARE® and MIFARE® DES-Fire reader board at a good cost

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

With its multiple interface options and the optional 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)
Housing	pcb board without housing
Dimensions	100 x 50 x 8 mm (4 x 2 x ⁵ /16 inches) and 50 x 46 mm without antenna
Supply Voltage	regulated +5VDC ±5%
Supply Current	< 120mA in operating mode
Operating Temperature	-10°C to +70°C
Storage Temperature	-20°C to +80°C
Humidity	up to +80% (non condensing)
Interfaces	RS232 / TTL
Baudrate (reader-host)	15'200 Baud
Transponder types	ISO14443-A like MIFARE® light, MIFARE® standard, MIFARE® DES-Fire
Baudrate (tag-reader)	up to 115K baud rate (default)
Features	• Two programmable LED's on board • One programmable buzzer on board • With and without PCB antenna, external antennas can be added • Large temperature range • Antenna design for volume projects offered by TECTUS without cost • Multiple interface options

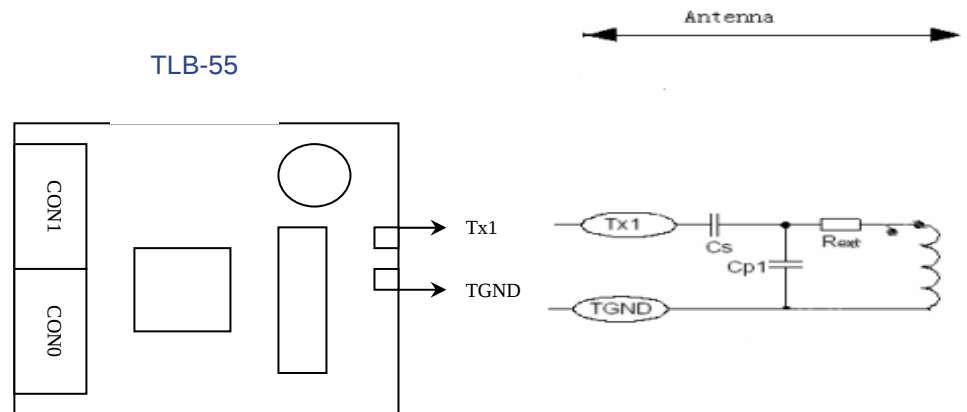
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Antenna

TLB-55with PCB antenna on board, 50Ω Impedance



Ordering Informations

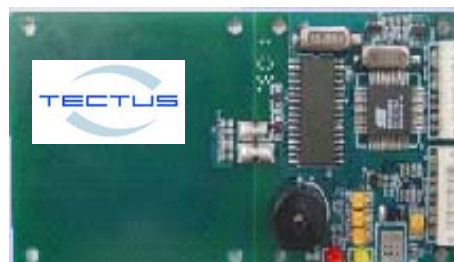
TLB-55-AA

RS232 & TTL Version

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,

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