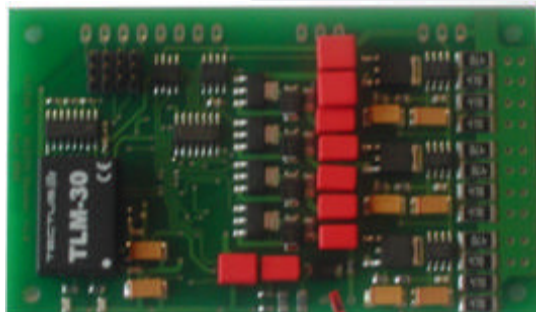
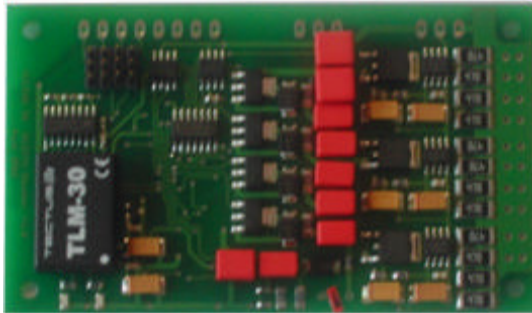




TLB-30-AA
RFID OEM Reader Board
Multifrequency
125 kHz 134 kHz
FDX-B HDX
ISO/IEC 11784/785
ISO/IEC 18000-2

Description:	Industrial LF Mid Range Reader to be used with external antenna	
Transponder Types:	134 kHz FDX-B and HDX according to ISO/IEC 11784/785 125 kHz 64 bits Read Only Unique EM4102, EM4100, OTP Read Write TAGs operating in Unique Mode Manchester encoded	
Read Range:	Up to 300 mm with HDX and up to 250 mm with TECTUS FDX-B DISC TAGANY Ø 24 mm transponder TCV-37-AA	(At room temperature 20° C)
Dimensions:	100 mm x 60 mm x 12 mm	
User selectable Interfaces:	RS232 or TTL	(via jumper setting)
Power Supply:	9...12 VDC	(Best reading result by using a high quality linear power supply)
Operating Frequency:	134 kHz and 125 kHz (Software switchable)	(At room temperature 20° C)
Operating Temperature:	-20°C ... +60°C	
Technical Certificates:	CE	
Other:	Produced under ISO9000: 2000 QS.	
Features:	- TECTUS TLM-30 Reader Module Core - Frequency switchable by software commands - Antenna tuning by software commands - Wide temperature range	
Applications:	- Animal identification, Industrial waste management (BDE), Mid Range applications	
Part number:	TLB- 30-AA	



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Reading Test* Results TLB-30-AA OEM Reader Board

Software Version	1.11	1.11	1.11
Antenna dimension (mm)	75 x 22	round Ø 90	200 x 200
	Reading	Distance	(mm)
HDX GLASS TAG 34 mm	110	180	250
HDX 25 mm DISC TAG	145	200	280
DISC TAGANY 24 mm FDX-B	110	190	230
SPACE TAG Unique 50 mm	150	320	400
SPACE TAG Unique 30 mm	120	240	290

* = at room temperature in free air