

TX-T1 Media Conversion Board

This is a 100BASE-TX from/to 100BASE-T1 conversion board.

This also equipped with PoDL (Power over Data Line) circuit, which enables to supply power over one single-pair of twisted cables. This allows customers to easily evaluate 100BASE-T1 with PoDL features by connecting this board with customer's 100BASE-TX cables.

■ Features

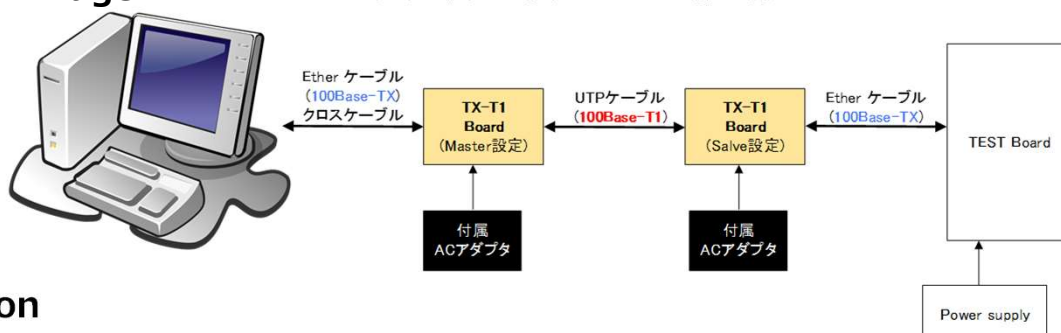
1. **100BASE-T1 compliant PHY evaluation board and PoDL feature**
Enables to evaluate 100Mbps communication with PoDL over UTP/STP cable.
2. **100BASE-T1 evaluation**
Allows to easily evaluate 100BASE-T1 communication by converting existing 100BASE-TX to 100BASE-T1 with this board.
3. **PoDL (Power over Data Line)**
Deliver power supply to PD (powered device).

■ Exterior photo



■ Connection image

TX-T1 メディア変換 Board (参考)



■ Specification

Specification	100BASE-T1 (802.3bw compliant)	Power supply	5V~36V
Size	70 x 34 [mm]	Power saving	Supply sleep mode
Temperature range	0°C ~ +85°C	Support function	<ul style="list-style-type: none"> ・ Media conversion for TX-T1 ・ Wire breakage detection ・ MDI polarity reversal detection / automatic correction Please refer to the instruction manual for details.
Number of channels	1-Port		
Data rate	100Mbps		
Accessories	AC adapter、 cable for T1	Note	Please contact MegaChips for technical supports like different type of connectors.