

100BASE-T1 MEDIACONVERTER NXP

APPLICATION

**The ideal physical layer conversion
between Automotive Ethernet and
your PC system**

100BASE-T1 MEDIACONVERTER_NXP



DESCRIPTION

100BASE-T1 MediaConverter_NXP from Technica Engineering establishes one direct point-to-point conversion between automotive ECU's using 100BASE-T1 and any standard Fast Ethernet device with RJ-45 connector.

No packets are stored or modified. It uses the NXP TJA1100_MRA4 Phy.

100BASE-T1 MediaConverter_NXP is the ideal physical layer conversion between Automotive Ethernet and your PC system.

FEATURES

- ✓ Convert 100BASE-T1 100 MBit/s full-duplex 1 x unshielded twisted pair - UTP to Fast Ethernet 100BASE-TX.
- ✓ Master / Slave configuration
- ✓ HalfOut / FullOut configuration
- ✓ Power requirement: 8 to 16 Volt DC, Power consumption: 2 Watt
- ✓ Massive stainless steel housing
- ✓ Status LEDs
- ✓ Configuration DIP switches
- ✓ Automotive MQS connector included (Power, 100BASE-T1)
- ✓ Standard Ethernet RJ45 connector
- ✓ Size: 92 x 63 x 28 mm

**CONTROL
SYSTEM/
LOGGER**

Fast Ethernet (RJ-45)

**100BASE-T1
MEDIACONVERTER_NXP**

100BASE-T1

**100BASE-T1
DEVICE**