



# 1000BASE-T1 SFP MODULE

## APPLICATION

**Convert between 1000BASE-T1 (automotive Gigabit Ethernet) and SGMII Interface.**

# 1000BASE-T1 SFP MODULE



## DESCRIPTION

The **1000BASE-T1 SFP Module** is the cutting-edge solution to convert between 1000BASE-T1 and SGMII. It fits into a standard Small Form-factor Pluggable (SFP) and generates 1000 Mbit/s full-duplex.

When plugged into approved devices, it configures itself to Automotive 1000BASE-T1 after power up. Master/slave mode of operation can be set with the DIP switch.

Registers of the integrated Transceiver are accessible via I2C interface for diagnosis and reconfiguration.

It works seamlessly with our MediaGateway, which has one SFP slot. In any other case, please contact us for more info.

## FEATURES

- ✓ 1000BASE-T1 and SGMII converter
- ✓ Fits into a standard SFP slot
- ✓ Power requirements: 3.3 Volt DC
- ✓ Supports I2C for internal register access
- ✓ Status LEDs
- ✓ DIP switch for Master/ Slave configuration
- ✓ Size: 68 x 14 x 14 mm

