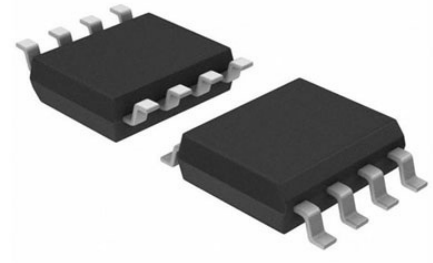


CAN Bus, CAN, 1, 1, 4.5 V, 5.5 V, SOIC

Manufacturers	Infineon Technologies Corporation
Package/Case	DSO-8
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TLE6250GV33XUMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HS CAN-transceiver family TLE6250 (TLE6250G and TLE6250GV33) are monolithic integrated circuits that are available as bare die as well as in a PG-DSO-8 package. The ICs are optimized for high speed differential mode data transmission in automotive and industrial applications and they are compatible to ISO/DIS 11898. They work as an interface between the CAN protocol controller and the physical differential bus in both, 12 V and 24 V systems. The ICs are based on the Smart Power Technology SPT® which allows bipolar and CMOS control circuitry in accordance with DMOS power devices existing on the same monolithic circuit. The TLE6250G is designed to withstand the severe conditions of automotive applications and provides excellent EMC performance.

Features

CAN data transmission rate up to 1 MBaud

Receive-only Mode and Stand-by Mode

Suitable for 12 V and 24 V applications

Excellent EMC performance (very high immunity and very low emission)

Version for 5 V and 3.3 V microcontrollers

Bus pins are short circuit proof to ground and battery voltage

Overtemperature protection

Very wide temperature range (-40 °C up to 150 °C)

Green Product (RoHS compliant)

AEC Qualified

Application

Safety Applications

Powertrain

Small Electric Vehicles

Related Products



[TLE6251-3G](#)

Infineon Technologies Corporation
SOP-14



[TLE7251VLE](#)

Infineon Technologies Corporation
TSON8



[TLE8261E](#)

Infineon Technologies Corporation
SSOP36



[TLE6250GV33](#)

Infineon Technologies Corporation
SOP-8



[TLE7250GVIO](#)

Infineon Technologies Corporation
8-SOIC (0.154", 3.90mm Width)



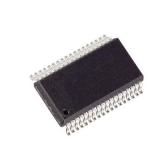
[TLE7250G](#)

Infineon Technologies Corporation
SOP-8



[TLE6259-2G](#)

Infineon Technologies Corporation
SOP-8



[TLE8264E](#)

Infineon Technologies Corporation
SSOP36