

ISO 9141 INTERFACE, MOSFET & Power Driver ICs ISO 9141 Interface

Manufacturers	STMicroelectronics, Inc
Package/Case	SOP-8
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for L9637D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

L9637D is a serial bus transceiver designed for use in automotive applications. It is used for transmitting and receiving data over the Local Interconnect Network (LIN) bus, which is commonly used for communication between various electronic control units (ECUs) in a car.

Features

- Supports LIN 1.3, 2.0, and 2.1 specifications
- Supports data rates up to 20 kbps
- Low electromagnetic emission (EME) and electromagnetic susceptibility (EMS)
- Short-circuit protection
- Thermal shutdown protection
- Operating voltage range from 5V to 40V
- Temperature range from -40°C to 125°C

Application

- Communication between various electronic control units (ECUs) in a car
- Automotive lighting control systems
- Automotive body control systems
- Automotive climate control systems
- Automotive powertrain control systems



Related Products



[L9678](#)

STMicroelectronics, Inc
64-LQFP



[L9678TR](#)

STMicroelectronics, Inc
64-LQFP



[L9678P-S](#)

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64-LQFP



[L9615D013TR](#)

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[L9616-TR](#)

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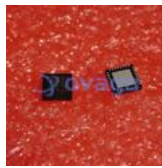
[L9637D013TR](#)

STMicroelectronics, Inc
SOP-8



[L9663-1](#)

STMicroelectronics, Inc
QFN 5X5 0.5 PITCH DIMPLE ATK1, TQFP 32 7x7x1.0



[STV6111B](#)

STMicroelectronics, Inc
QFN-32