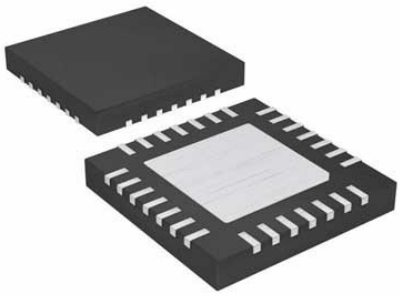
# MCP25625-E/ML

Data Sheet

CAN Bus, Controller with Transceiver, CAN, SPI, 3, 2, 2.7 V, 5.5 V, QFN

| | |
|---|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | QFN-28 |
| Product Type | Integrated Circuits (ICs) |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MCP25625-E/ML or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

## General Description

The MCP25625 is a complete, cost-effective and small-footprint CAN solution that can be easily added to a microcontroller with an available SPI interface. The MCP25625 interfaces directly with microcontrollers operating at 2.7V to 5.5V, there are no external level shifters required. In addition, the MCP25625 connects directly to the physical CAN bus, supporting all requirements for CAN high-speed transceivers. The MCP25625 meets the automotive requirements for high-speed (up to 1 Mb/s), low quiescent current, electromagnetic compatibility (EMC) and electrostatic discharge (ESD)

Please see our MikroElektronika click Board! http://www.mikroe.com/click/mcp25625

## Features

Stand-Alone CAN2.0B Controller with Integrated CAN Transceiver and Serial Peripheral Interface (SPI)

Up to 1 Mb/s Operation

Very Low Standby Current (10 µA, typical).

Up to 10 MHz SPI Clock Speed

Interfaces Directly with Microcontrollers with 2.7V to 5.5V I/O

Available in SSOP-28L and 6x6 QFN-28L

Temperature Ranges:

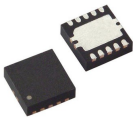
Extended (E): -40°C to +125°C

**Related Products**


[MCP9808T-E/MS](#)

Microchip Technology, Inc

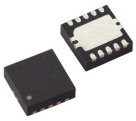
MSOP-8



[ATSAMC21G17A-MZTVAO](#)

Microchip Technology, Inc

VQFN



[MCP16502TAC-E/S8B](#)

Microchip Technology, Inc

VQFN

[MCP16362T-E/NMX](#)

Microchip Technology, Inc

VDFN

[BM64SPKS1MC1-00M2AA](#)

Microchip Technology, Inc

SMD

[MCP2517FDT-H/SL](#)

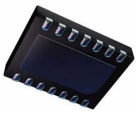
Microchip Technology, Inc

SOIC-14

[MCP2517FD-H/SL](#)

Microchip Technology, Inc

SOIC-14



[MCP2517FD-H/JHA](#)

Microchip Technology, Inc

VDFN-14