PCA82C251N

Data Sheet

CAN transceiver for 24 V systems

Manufacturers	NXP Semiconductor
Package/Case	DIP-8
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for PCA82C251N or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

PCA82C251N is a controller area network (CAN) transceiver designed for use in automotive and industrial applications. It is manufactured by NXP Semiconductors, formerly known as Philips Semiconductors.

Features

Compliant with ISO 11898-2 high-speed CAN protocol

5V supply voltage

High electromagnetic immunity and electromagnetic compatibility (EMI/EMC)

Short-circuit-proof to battery and ground

Thermal protection

Low electromagnetic emission (EME)

Suitable for data rates up to 1 Mbit/s

Bus failure management

Application

Automotive and industrial control networks

Sensor networks

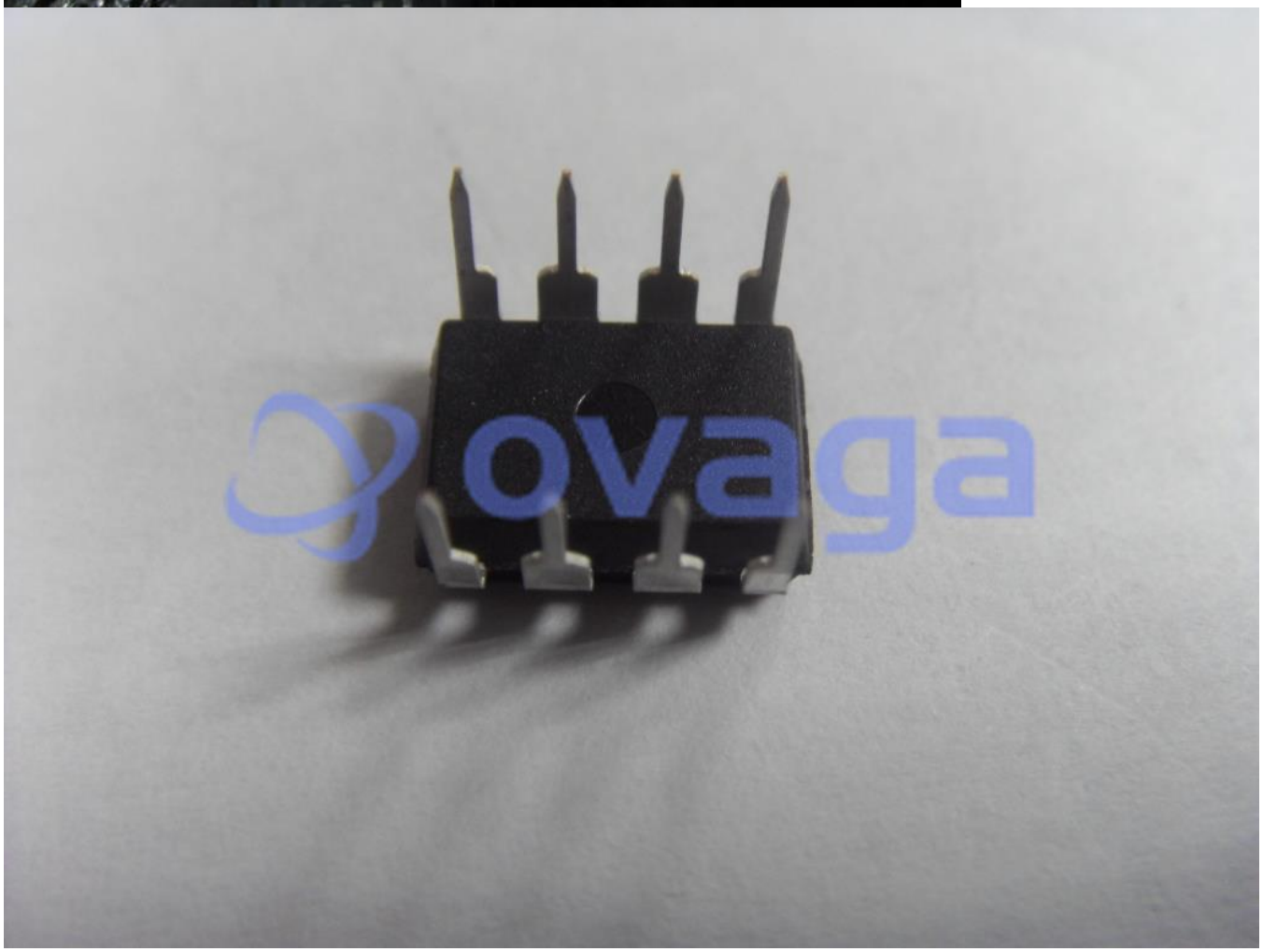
Electronic control units (ECUs)

Engine management systems

Body control modules

Climate control systems

Anti-lock braking systems (ABS)



Related Products

[LPC3250FET296]

NXP Semiconductor

TFBGA296

[MPC860TVR50D4]

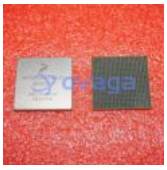
NXP Semiconductor

BGA-357

[MPC852TCVR66A]

NXP Semiconductor

BGA-256



[MPC8548VTAUJD]

NXP Semiconductor

BGA-783

[MPC8270CZQMIBA]

NXP Semiconductor

PBGA-516

[LPC1756FBD80]

NXP Semiconductor

QFP80

[LPC11C24FBD48/301]

NXP Semiconductor

LQFP48

[LPC2129FBD64]

NXP Semiconductor

LQFP-64