

4-bit I2C-bus and SMBus low power I/O port with interrupt and reset

Manufacturers	NXP Semiconductor
Package/Case	TSSOP-10
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PCA9537DP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PCA9537DP is a 4-channel, low-voltage, General Purpose Input/Output (GPIO) expander with an I2C interface from Texas Instruments.

Features

It has four open-drain output ports (O0 - O3) with individual programmable pull-up resistors, and four input ports (I0 - I3) with programmable pull-down resistors.

The device operates at a voltage range of 1.0 V to 5.5 V, making it suitable for use with low-voltage microcontrollers and systems.

It has a low standby current consumption of 1 μ A, making it energy-efficient.

It supports the I2C-bus interface standard, allowing for easy integration into existing systems.

The device has an operating temperature range of -40°C to 85°C.

Application

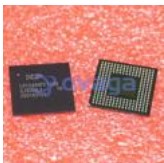
Expanding the number of input/output ports of a microcontroller or system.

Controlling LEDs, relays, and other low-voltage devices.

System monitoring and control.



Related Products



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NXP Semiconductor
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[LPC2292FBD144](#)

NXP Semiconductor
LQFP-144



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