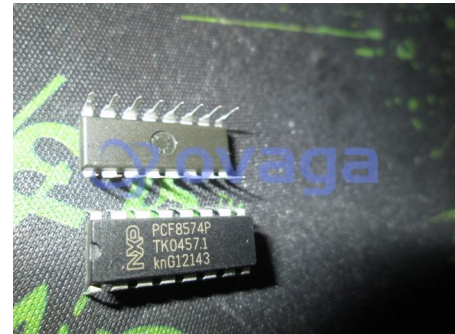


Remote 8-bit I/O expander for I2C-bus

Manufacturers	NXP Semiconductor
Package/Case	DIP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PCF8574P or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PCF8574P is a remote 8-bit I/O expander for the I2C bus. It provides general-purpose remote I/O expansion via the two-wire bidirectional I2C bus (serial clock (SCL), serial data (SDA)).

Features

It has an 8-bit remote I/O port with bi-directional data path

It supports up to 8 devices on the I2C bus without additional hardware

It operates from 2.5 V to 6 V supply voltage

It has active LOW open-drain interrupt output

It has a 400 kHz Fast I2C bus interface

It has internal power-on reset

It has low standby current consumption of 10 μ A typical

Application

It can be used in various consumer and industrial applications to expand the number of I/O pins available on a microcontroller or other host device.

It can be used in systems where it is necessary to interface with a large number of devices, such as LED arrays, LCD displays, and other input/output devices.

It can be used in automotive and aerospace applications where reliability is critical.



Related Products



[LPC4088FBD208](#)
NXP Semiconductor
LQFP208



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NXP Semiconductor
TSSOP-20



LPC2106FBD48

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QFP-100



LPC2420FBD208

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208-LQFP



PCF8523T/1

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SOIC-8



LPC932A1FDH

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