IC I/O EXPANDER I2C 8B

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

Images are for reference only

Please submit RFQ for PCF8574T or Email to us: sales@ovaga.com We will contact you in 12 hours.
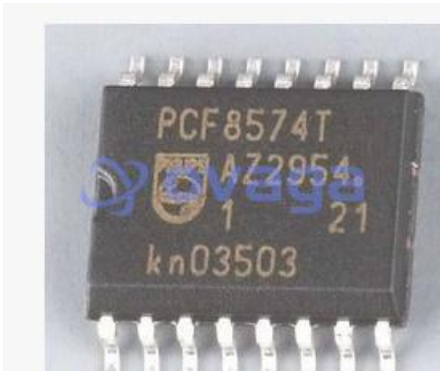
RFQ

## General Description

PCF8574T is an 8-bit I/O expander IC (integrated circuit) from NXP Semiconductors, which can be used to expand the I/O (input/output) capabilities of microcontrollers or microprocessors. The PCF8574T is a variant of the PCF8574, and both ICs have the same features and applications.

## Features

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

Compatible with I2C-bus standard mode and fast mode

Internal power-on reset

Low standby current consumption of 10 uA

Operating voltage range of 2.5 V to 6 V

Open-drain interrupt output

100 kHz (standard mode) and 400 kHz (fast mode) I2C-bus clock compatibility

## Application

Expanding I/O ports for microcontrollers or microprocessors

Keyboards or keypads

Liquid crystal displays (LCDs)

Digital sensors

Industrial control systems

Automotive control systems

Medical equipment

## Related Products



**LPC4088FBD208**

NXP Semiconductor
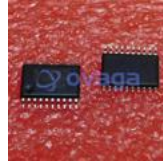
LQFP208



**LPC2106FBD48**

NXP Semiconductor

LQFP-48



**LPC11U68JBD100**

NXP Semiconductor

QFP-100



**PCF8523T/1**

NXP Semiconductor

SOIC-8



**P89LPC922FDH**

NXP Semiconductor

TSSOP-20



**PCA8565TS/1**

NXP Semiconductor

MSOP-8



**LPC2420FBD208**

NXP Semiconductor

208-LQFP



**LPC932A1FDH**

NXP Semiconductor

TSSOP28

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