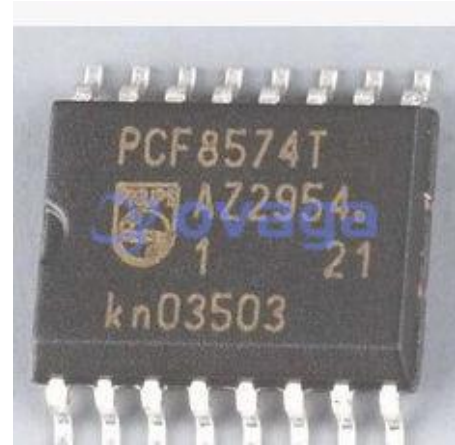


Remote 8-bit I/O expander for I2C-bus

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



Images are for reference only

Please submit RFQ for PCF8574TS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PCF8574TS is a type of integrated circuit (IC) that belongs to the family of remote I/O expanders. It is designed and manufactured by NXP Semiconductors.

Features

8-bit remote I/O port with bi-directional data communication

Compatible with most microcontrollers

I2C-bus interface

Low standby current consumption

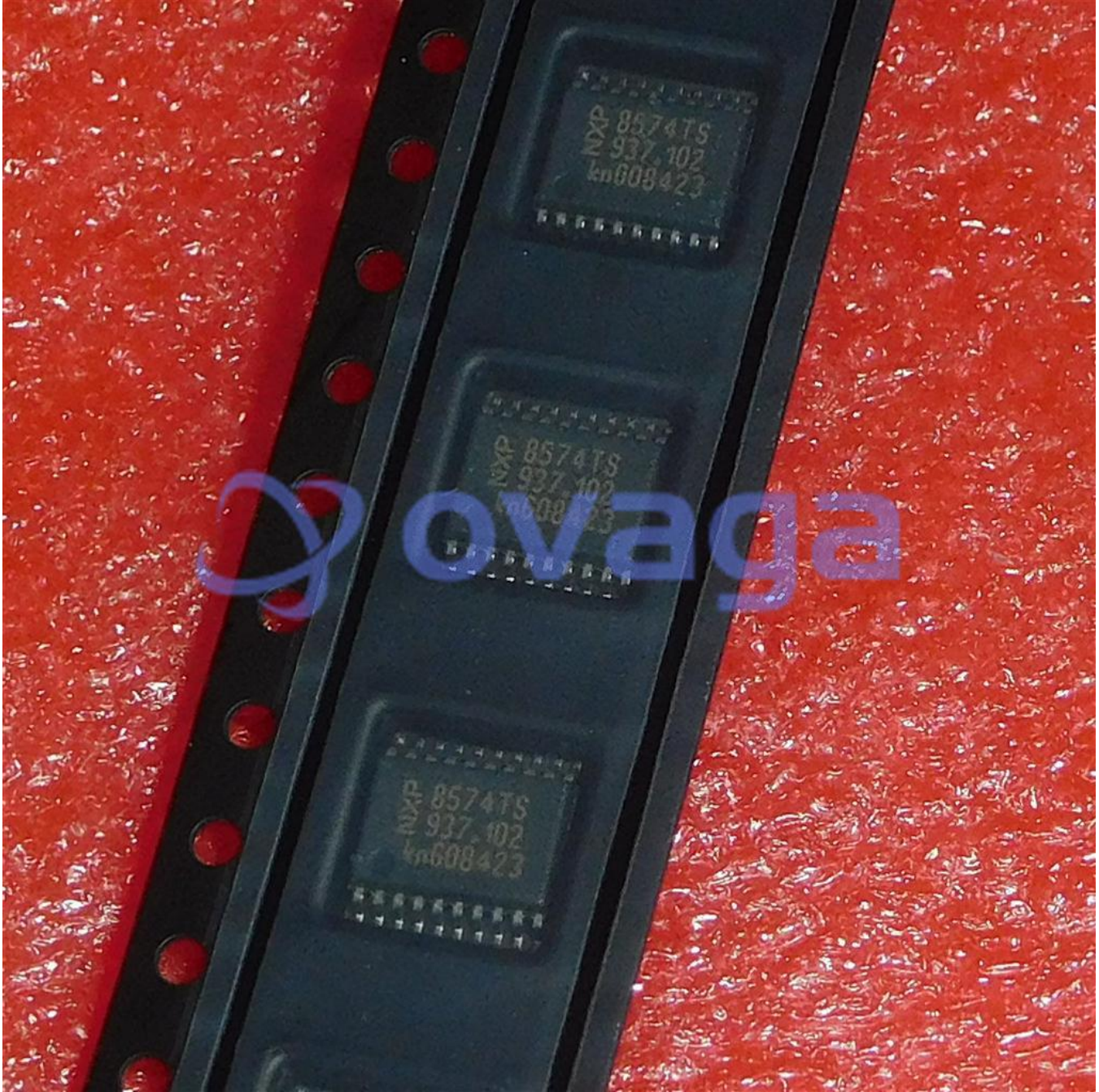
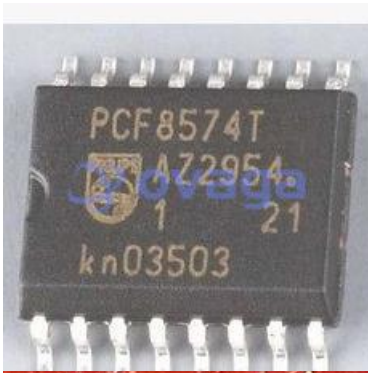
Addressable via three hardware address pins for use of up to eight devices on the same bus

Operating voltage range: 2.5V to 6.0V

Application

PCF8574TS is commonly used in applications where there is a need to extend the I/O capability of a microcontroller. For example, it can be used to interface with switches, sensors, LEDs, and other peripherals that require additional digital I/Os.

PCF8574TS is used in various applications such as automotive, industrial, medical equipment, home automation, and consumer electronics.

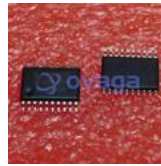


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LQFP208



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