PCF8574P I2C bus expander



Produktkode: 475aa
Tilgjengelighet: 5
Weight: 0.00kg
Custom Field 5 (Location): AB 15

Pris: kr. 0,00

Kort beskrivelse
PCF8574P DIP-16 IC Chip Remote 8-bit I/O Expander Original IC

Beskrivelse
Datamanual

PCF8574P

IC, I/O EXPANDER 8BIT, 8574, DIP16



Legg til for å sammenligne

Bildet er bare ment som illustrasjon. Se produktbeskrivelsen.

Produsent:NXP

Produsentens varenummer:PCF8574P

Varenummer:204020

Teknisk datablad: PCF8574P Datasheet
Se alle tekniske dokumenter

Produktoversikt

The PCF8574P is a remote 8bit I/O expander for I2C bus with interrupt in 16 pin DIP package. It provides general purpose remote I/O expansion via two wire bidirectional I2C bus (serial clock (SCL), serial data (SDA)). The devices consist of eight quasi bidirectional ports, 100KHz I2C bus interface, three hardware address inputs and interrupt output operating between 2.5V and 6V. The quasi bidirectional port can be independently assigned as an input to monitor interrupt status or keypads or as an output to activate indicator devices such as LEDs.

- I2C bus to parallel port expander

- 8bit remote I/O pins that default to inputs at power-up
- Total package sink capability of 80mA
- Active low open drain interrupt output
- Low standby current
- ESD protection exceeds 2000V HBM per JESD22-A114 and 1000V CDM per JESD22-C101
- Latch-up testing is done to JEDEC standard JESD78 which exceeds 100mA

Advarsler

All I/O pins are protected against ESD under normal handling. When handling, ensure that appropriate precautions are taken as described in JESD625-A or equivalent standards.