

128 x 8-bit EEPROM with I2C-bus interface

Manufacturers	NXP Semiconductor
Package/Case	SO-8
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PCA8581CT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PCA8581CT is an IC (Integrated Circuit) device that belongs to the family of I²C-bus compatible real-time clocks (RTC). It is manufactured by NXP Semiconductors, which is a Dutch semiconductor manufacturer.

Features

It is a low power device that operates at a voltage range of 1.8V to 5.5V.

It has an I²C interface with a maximum data transfer rate of 400 kbps.

It has a 256 x 8-bit EEPROM for storing time and configuration information.

It supports multiple alarm functions.

It has an integrated oscillator with a frequency of 32.768 kHz.

It has a watchdog timer and a power-on reset function.

Application

It is widely used in various electronic devices that require a real-time clock, such as set-top boxes, smart meters, and home appliances.

It is also used in automotive applications like car clocks and dashboard instruments.



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