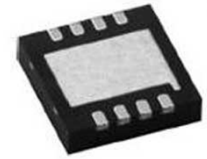


EEPROM Serial-I2C 16K-bit 2K x 8 1.8V/2.5V/3.3V/5V 8-Pin UFDFPN EP T/R



Images are for reference only

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: UFDFN-8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The M24C16 is a 16-Kbit I2C-compatible EEPROM (Electrically Erasable PROgrammable Memory) organized as 2 K × 8 bits.

Key Features

Compatible with all I2C bus modes:

400kHz

100kHz

Memory array:

16Kbit (2Kbyte) of EEPROM

Page size: 16byte

Single supply voltage:

M24C16-W: 2.5V to 5.5V

M24C16-R: 1.8V to 5.5V

M24C16-F: 1.7V to 5.5V (full temperature range) and 1.6V to 1.7V (limited temperature range)

Write:

Byte Write within 5ms

Page Write within 5ms

Operating temperature range:

from -40°C up to +85°C

Random and sequential read modes

Recommended For You

M24C08-RMN6TP

STMicroelectronics, Inc
SOP8

M24C08-WMN6TP

STMicroelectronics, Inc
SOP8

M27C64A-15F1

STMicroelectronics, Inc
DIP

M24C08-WDW6TP

STMicroelectronics, Inc
TSSOP8

M24C02-RMN6P

STMicroelectronics, Inc
SOP-8

M27C1001-10F1

STMicroelectronics, Inc
CDIP32

M27C1001-12F6

STMicroelectronics, Inc
DIP

M27C64A-20F1

STMicroelectronics, Inc
DIP

M27C512-15F1

STMicroelectronics, Inc
CDIP

M24C02-RMN6TP

STMicroelectronics, Inc
SOP-8

M27C1001-70F1

STMicroelectronics, Inc
DIP

M24C32-WMN6TP

STMicroelectronics, Inc
SOP-8

M27C512-90B6

STMicroelectronics, Inc
DIP28

M27C4001-90C6

STMicroelectronics, Inc
PLCC-32

M27C1001-70C1

STMicroelectronics, Inc
PLCC32