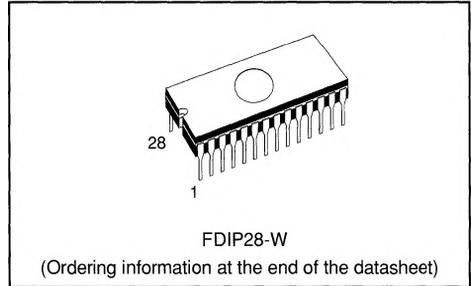


1024K (8 x 16K x 8) CMOS UV EPROM - OTP ROM
PRODUCT PREVIEW

- PAGE ORGANIZED (M27128 FOOTPRINT).
- VERY FAST ACCESS TIME : 120 ns.
- COMPATIBLE TO HIGH SPEED.
- MICROPROCESSORS ZERO WAIT STATE
- LOW POWER "CMOS" CONSUMPTION :
 - Operating current 35 mA.
 - Stand by current 200 μ A.
- PROGRAMMING VOLTAGE 12.75 V.
- ELECTRONIC SIGNATURE FOR AUTOMATED PROGRAMMING.
- PROGRAMMING TIMES OF AROUND 12 SECONDS (PRESTO II ALGORITHM).


DESCRIPTION

The M27C1011 is a high speed 1,048,576 bit ultra-violet erasable and reprogrammable EPROM ideally suited for applications where fast turn-around and pattern experimentation are important requirements.

Its "PAGE-ORGANIZATION" (based on 16K x 8 module) allows an easy up-grading of applications, as foot-print and addressing mode remain constant.

It is housed in a 28 pin Window Ceramic Frit Seal package. The transparent lid allows the user to expose the chip to ultraviolet light to erase the bit pattern. A new pattern can then be written to the device by following the programming procedure.

PIN NAMES

A0 - A13	ADDRESS INPUT
CE	CHIP ENABLE
OE	OUTPUT ENABLE
PGM/WE	PROGRAM/PAGE SELECT
O3 - O7	OUTPUT
D0/O0 - D2/O2	INPUT/OUTPUT
V _{PP}	PROGRAMMING VOLTAGE
V _{CC}	+5V POWER SUPPLY
GND	GROUND

Figure 1 : Pin Configuration
