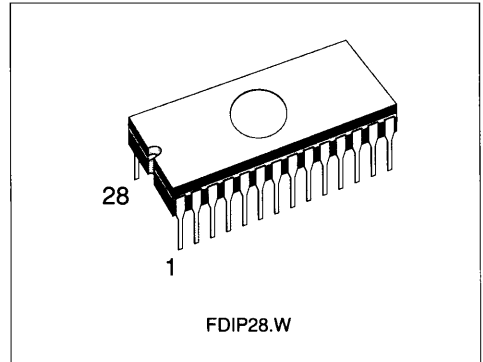


**512K (4 x 16K x 8) CMOS UV EPROM**
**PRODUCT PREVIEW**

- PAGE ORGANIZED (M27128A FOOTPRINT).
- VERY FAST ACCESS TIME : 120 ns.
- COMPATIBLE TO HIGH SPEED MICROPROCESSORS ZERO WAIT STATE.
- LOW POWER "CMOS" CONSUMPTION :
  - Operating current 30 mA
  - Standby current 200  $\mu$ A
- PROGRAMMING VOLTAGE 12.75V.
- ELECTRONIC SIGNATURE FOR AUTOMATED PROGRAMMING.
- PROGRAMMING TIMES OF AROUND 6 SECONDS (PRESTO II B ALGORITHM).


**DESCRIPTION**

The M27C513 is a high speed 524,288 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 modules) allows 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	ADDRESSES
$\overline{CE}$	CHIP ENABLE
$\overline{OE}/VPP$	OUTPUT ENABLE/VPP
$\overline{WE}$	PROGRAM/PAGE SELECT
RST	RESET
O2-O7	OUTPUT
D0/O0-D1/O1	INPUT/OUTPUT
Vcc	+5V POWER SUPPLY
GND	GROUND

**PIN CONNECTION**
