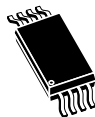


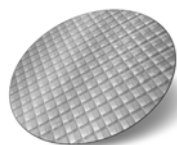
SO8 (MN)
150 mil width



TSSOP8 (DW)
169 mil width



WLCSP (CS)



Unsaun wafer

Features

- Compatible with all I²C bus modes:
 - 1 MHz
 - 400 kHz
 - 100 kHz
- Memory array:
 - 1 Mbit (128 Kbytes) of EEPROM
 - Page size: 256 bytes
 - Additional Write lockable page (M24M01-D order codes)
- Single supply voltage and high speed:
 - 1 MHz clock from 1.7 V to 5.5 V
- Write:
 - Byte Write within 5 ms
 - Page Write within 5 ms
- Operating temperature range:
 - from -40 °C up to +85 °C
- Random and sequential Read modes
- Write protect of the whole memory array
- Enhanced ESD/Latch-Up protection
- More than 4 million Write cycles
- More than 200-years data retention

Packages

- SO8 ECOPACK2®
- TSSOP8 ECOPACK2®
- WLCSP ECOPACK2®
- Unsaun wafer (each die is tested)