

HN27C1024G Series – Under Development

65536-word x 16-bit CMOS UV Erasable and Programmable ROM

The Hitachi HN27C1024G is a 1-Mbit ultraviolet erasable and electrically programmable ROM, featuring high speed and low power dissipation.

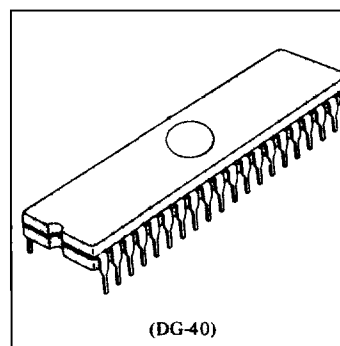
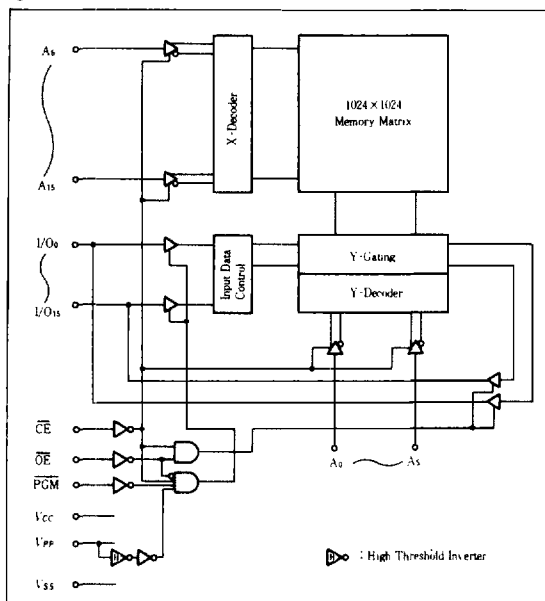
Fabricated on new advanced fine process and high speed circuitry technique, the HN27C1024G with 65536 word x 16 bit organization makes high speed access time possible. Therefore, it is suitable for 16 bit micro-computer systems such as the 8086 and 68000.

The HN27C1024G offers high speed programming using page programming mode.

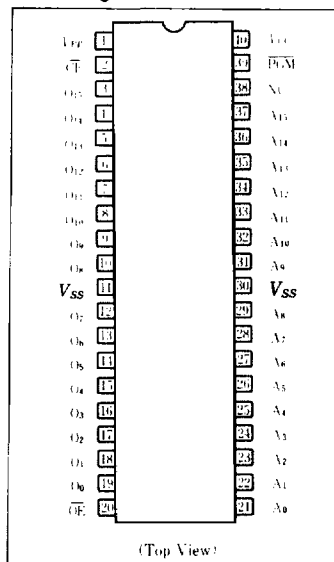
Features

- High performance programming mode and High performance page programming mode
Programming voltage +12.5 V DC
High speed page programming
14 sec typical
- High speed
Access time 100/120ns (maximum)
- Inputs and Outputs TTL compatible during both read and program
- Low power dissipation
60mW/MHz typical
- JE DEC standard

Block Diagram



Pin Arrangement



Pin Description

| Pin Name | Puncion |
|----------|--------------------------|
| A0 – A15 | Address |
| O0 – O15 | Input/Output |
| CE | Chip Enable |
| OE | Output Enable |
| VCC | Power Supply |
| VPP | Programming Power Supply |
| VSS | Ground |
| PGM | Programming Enable |
| NC | No Connection |