

Am27S32/27S33

4,096-Bit (1024 x 4) Bipolar PROM

Am27S32/27S33

DISTINCTIVE CHARACTERISTICS

- High speed
- Highly reliable, ultra-fast programming Platinum-Silicide fuses
- High programming yield
- Low-current PNP inputs
- High-current open-collector and three-state outputs
- Fast chip select

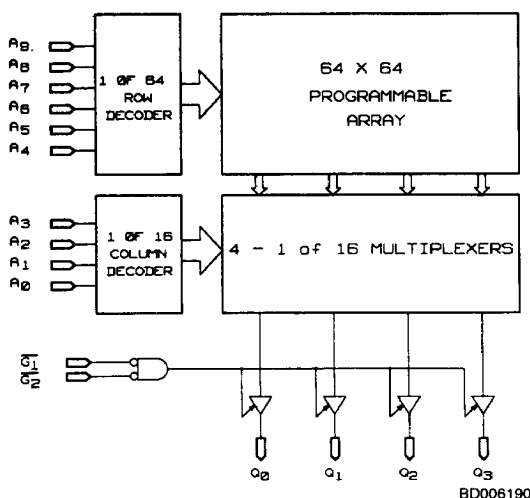
GENERAL DESCRIPTION

The Am27S32/27S33 (1024-words by 4-bits) is a Schottky TTL Programmable Read-Only Memory (PROM).

This device is available in both open-collector (Am27S32) and three-state (Am27S33) output versions. These outputs are compatible with low-power Schottky bus standards

capable of satisfying the requirements of a variety of microprogrammable controls, mapping functions, code conversion, or logic replacement. Easy word-depth expansion is facilitated by active LOW (\overline{G}_1 & \overline{G}_2) output enables.

BLOCK DIAGRAM



PRODUCT SELECTOR GUIDE

Open-Collector Part Number	Am27S32A		Am27S32	
Three-State Part Number	Am27S33A		Am27S33	
Address Access Time	35 ns	45 ns	55 ns	70 ns
Operating Range	C	M	C	M

Publication # 03226 Rev. C Amendment /0
Issue Date: May 1986