

# Am27S12/13

2,048-Bit (512 x 4) Bipolar PROM

Am27S12/13

## 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

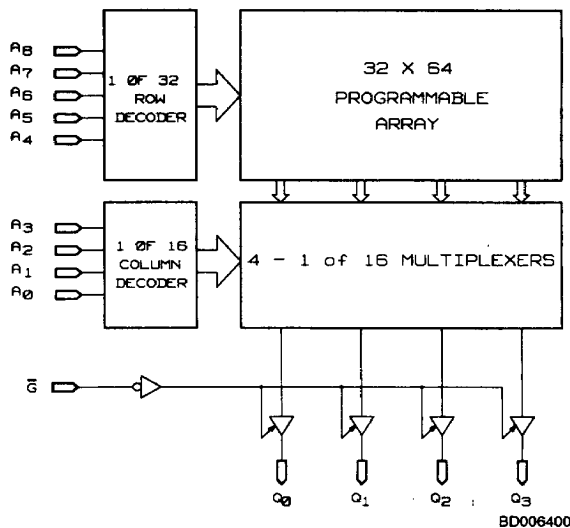
## GENERAL DESCRIPTION

The Am27S12/13 (512 words by 4 bits) is a Schottky TTL Programmable Read-Only Memory (PROM).

This device is available in both open-collector (Am27S12) and three-state (Am27S13) 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 an active LOW output enable ( $\bar{G}$ ).

## BLOCK DIAGRAM



## PRODUCT SELECTOR GUIDE

Open-Collector Part Number	Am27S12A		Am27S12	
Three-State Part Number	Am27S13A		Am27S13	
Address Access Time	30 ns	40 ns	50 ns	60 ns
Operating Range	C	M	C	M

Publication # 03206 Rev. C Amendment /0  
Issue Date: May 1986