Am27S184/185/PS185

8,192-Bit (2048 x 4) Bipolar PROM

DISTINCTIVE CHARACTERISTICS

- Ultra-fast access time "A" version (35 ns Max.) — Fast access time Standard version (50 ns Max.) — allow tremendous system speed improvements
- Platinum-Silicide fuses guarantee high reliability, fast programming and exceptionally high programming yields (typ > 98%)

- AC performance is factory tested utilizing programmed test words and columns
- Voltage and temperature compensated providing extremely flat AC performance over military range
- Member of generic PROM series utilizing standard programming algorithm
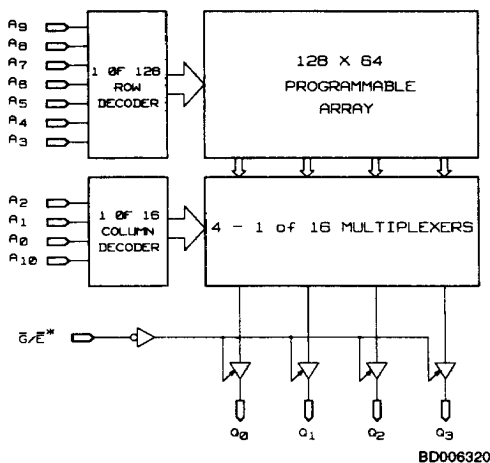
GENERAL DESCRIPTION

The Am27S184/185 (2048-words by 4-bits) is a Schottky TTL Programable Read-Only Memory (PROM).

This device is available in both open-collector (Am27S184) and three-state (Am27S185) 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 ($\overline{G}$) output enable.

This device is also offered in a low-power, three-state version, the Am27LS185, as well as a power-switched three-state version.

BLOCK DIAGRAM

BD006320

PRODUCT SELECTOR GUIDE

Open-Collector Part Number	27S184A		27S184					
Three-State Part Number	27S185A		27S185		27LS185		27PS185	
Address Access Time	35 ns	45 ns	50 ns	55 ns	60 ns	65 ns	50 ns	55 ns
Operating Range	C	M	C	M	C	M	C	M

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