



Integrated Device Technology, Inc.

CMOS HIGH-SPEED STATIC RAM 8K x 9-BIT

**ADVANCE
INFORMATION
IDT 7169S
IDT 7169L**

FEATURES:

- 8192-words x 9-bits organization
- JEDEC standard 28-pin package
- Fast access time:
 - Commercial: 35/45
 - Military: 45/55
- Battery backup operation—2V data retention voltage (L version only)
- Produced with advanced CEMOS™ high-performance technology
- Single 5V power supply
- Input and output directly TTL compatible
- Static operation: no clocks or refresh required
- Military product available compliant to MIL-STD-883, Class B

DESCRIPTION:

The IDT7169 is a 73728-bit high-speed static RAM organized as 8K x 9. It is fabricated using IDT's high-performance, high reliability CEMOS technology.

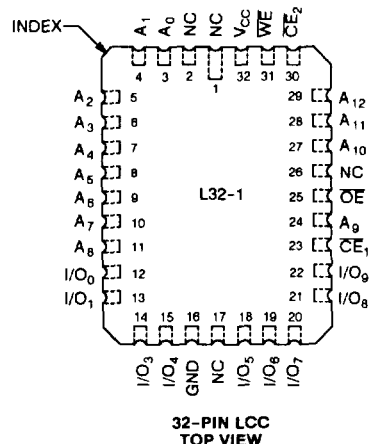
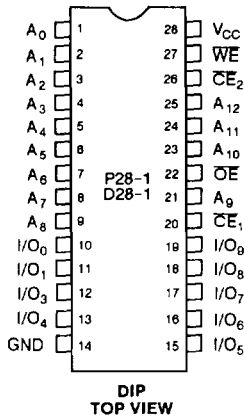
The IDT7169 offers address access times as fast as 35ns. The ninth bit is optimized for parity check.

All inputs and outputs of the IDT7169 are TTL-compatible and operation is from a single 5V supply, simplifying system designs. Fully static asynchronous circuitry is used, requiring no clocks or refreshing for operation.

The IDT7169 is packaged in an industry standard 28-pin DIP and LCC, along with a 32-pin LCC package.

Military grade product is manufactured in compliance with the latest revision of MIL-STD-883, Class B, making it ideally suited to military temperature applications demanding the highest level of performance and reliability.

PIN CONFIGURATION



CEMOS is a trademark of Integrated Device Technology, Inc.

MILITARY AND COMMERCIAL TEMPERATURE RANGES

JANUARY 1989