# 27C256

## High Speed 32K x 8 CMOS EPROM

The ELT27C256 is a high performance 32k x 8 UV Erasable EPROM that is particularly well suited for use in today's high-speed systems. The ELT27C256 is intended for operation in harsh environments.

The ELT27C256 is available in either a 28-lead CERDIP package or 32-pin Ceramic Leadless Chip Carrier. Both packages are windowed to allow erasure. The advanced scaled CMOS technology provides low-active power consumption, and fast programming. Typical power consumption is only 8mA in active mode and 10µA in standby.

The ELT27C256 is built and tested by Eltek Semiconductors using die from one of the world's leading EPROM manufacturers. Unlike some semiconductor manufacturers the die is specified for operation at 125ºC which ensures reliable operation.

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### KEY SPECIFICATIONS

- -55 to125 ºC operation
- Low Power
  - 100µA max. standby
  - 20mA max. active at 5MHz
- JEDEC standard packages
  - 28-pin CERDIP
  - 32-pad CLCC
- Industry standard pin-outs
- High speed performance at 125ºC
  - Address to output delay $t_{ACC}$ 45nS
  - OE to output delay $t_{OE}$ 15nS
  - CE to output delay $t_{CE}$ 45nS
- 5V ±10% supply
- 2000V ESD protection
- 200mA Latch-up immunity

### PART NUMBERS AVAILABLE