

## NVRAM NVSRAM Parallel 256Kbit 5V 28-Pin EDIP Tube



Images are for reference only

**Manufacturer:** [Maxim Integrated](#)

**Package/Case:** DIP

**Product Type:** Memory

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

[Inquiry](#)

### General Description

The DS1230 256k Nonvolatile (NV) SRAMs are 262,144-bit, fully static, nonvolatile SRAMs organized as 32,768 words by 8 bits. Each NV SRAM has a self-contained lithium energy source and control circuitry which constantly monitors VCC for an out-of-tolerance condition. When such a condition occurs, the lithium energy source is automatically switched on and write protection is unconditionally enabled to prevent data corruption. DIP-package DS1230 devices can be used in place of existing 32k x 8 static RAMs directly conforming to the popular bytewise 28-pin DIP standard. The DIP devices also match the pinout of 28256 EEPROMs, allowing direct substitution while enhancing performance. DS1230 devices in the Low Profile Module package are specifically designed for surface-mount applications. There is no limit on the number of write cycles that can be executed and no additional support circuitry is required for microprocessor interfacing.

### Key Features

CC

CC

### Recommended For You

#### DS1220AB-150+

Maxim Integrated

DIP-24

#### DS1245Y-70+

Maxim Integrated

DIP32

#### DS1245Y-100+

Maxim Integrated

DIP

#### DS1250Y-70

Maxim Integrated

DIP

#### DS1220AB-200+

Maxim Integrated

24-EDIP

#### DS1212

Maxim Integrated

DIP

**DS1230Y-70+**

Maxim Integrated

DIP

**DS1250Y-70IND**

Maxim Integrated

DIP

**DS1250Y-70IND+**

Maxim Integrated

DIP-32

**DS1230W-150+**

Maxim Integrated

DIP-28

**DS1312+**

Maxim Integrated

SMDSMT

**DS1321+**

Maxim Integrated

DIP-16

**DS1212+**

Maxim Integrated

BGA

**DS1314S+**

Maxim Integrated

SOP16

**DS9092**

Maxim Integrated

IBACC