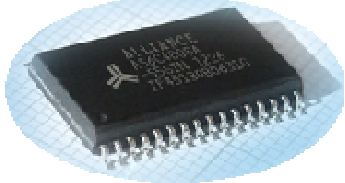


## Alliance Memory's 4M Low Power CMOS SRAMS offers 2.7V to 3.6V Power Supply in 6 different Package options

CMOS SRAM



**2.7-V to 3.6-V**

*Alliance Memory expanded their line of legacy Low Power CMOS SRAMs with a 4M IC (512K x 8). The IC is operated from a single power supply of 2.7V to 3.6V and offers a fast access time of 55 ns in a variety of package options.*

The AS6C4008A is optimized for low power industrial, telecom, medical, automotive and networking applications. It is also ideal for battery backup non-volatile memory.

The AS6C4008A is available in the following options:

- 36-ball, 6x8mm TFBGA Package
- Five 32-pin Packages which includes the 450-mil SOP, 8x20mm TSOP-I, 400-mil TSOP-II, 600-mil P-DIP and 8x13.4mm sTSOP

Power consumption is very low; with a typical operating current of 30 mA and standby current of 1  $\mu$ A. All inputs and outputs are fully TTL compatible.

The AS6C4008A is fabricated using high-performance, high-reliability CMOS technology. Its current is stable within the operating temperature range of -40°C to +85°C. The device offers fully static operation and tri-state output and features a data retention voltage of 1.5 V minimum.

The AS6C4008A is the latest in Alliance Memory's full range of Low Power SRAM products, which include devices with densities of 64K, 256K, 1M, 2M, 4M, 8M, and 16M.

Datasheets and additional information can be found on [www.alliancememory.com](http://www.alliancememory.com)