

## 32bit Wide 8Mb and 16Mb Fast SRAMs

To meet the demand for high-density fast CMOS SRAMs, Alliance Memory introduces new 8Mb and 16Mb x 32 devices in the 90-ball 8mm by 13mm TFBGA package.

### Key Specifications and Benefits:

- 8Mb and 16Mb densities available
- Fabricated using high-performance, high-reliability CMOS technology
- Configured as 256K x 32 and 512K x 32
- Offered in 90-ball 8mm by 13mm TFBGA package
- Access times of 10ns
- Data retention voltages of 1.5V minimum
- Low power consumption:
  - Operating current of 125mA typical
  - Standby current of 4mA typical
- Operate from a single power supply of 3.3V
- Offer tri-state output
- RoHS-compliant and halogen-free components
- -40°C to +85°C temperature range



### Target Applications:

- Test and medical equipment, automotive, and hand-held applications

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