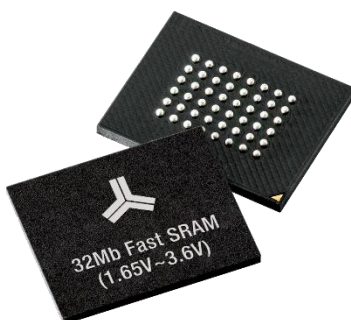


New 32Mb Fast SRAM

To meet the demand for high-density fast CMOS SRAMs, Alliance Memory introduces a new 32Mb device in the 6 mm by 8 mm 48-ball FBGA package. Configured as 2M x 16, the AS7CW2M16-10BIN offers a wide power supply range from 1.65V to 3.6V.



As other manufacturers continue to phase out their SRAM offerings, Alliance Memory remains committed to supporting the market with a wide range of fast memory solutions. The company's new AS7CW2M16-10BIN 32Mb fast SRAM not only provides its customers with a higher density option but also offers increased flexibility by supporting both 1.8V and 3.3V operating voltages in a single part.

The AS7CW2M16-10BIN is the latest addition to Alliance Memory's full range of fast SRAMs, which include devices with densities from 64Kb to 32Mb. Fabricated using high-performance, high-reliability CMOS technology, the ICs provide reliable drop-in, pin-for-pin-compatible replacements for a number of similar solutions.

Key Specifications and Benefits:

- Operates from a single 1.8V, 2.5V, or 3.3V power supply
- Offered in the 48-ball FBGA package
- Fast access times down to 10 ns minimum
- Data retention voltages down to 1.5V minimum
- Low power consumption with operating currents down to 43mA typical and standby current of 10mA typical
- TTL-compatible inputs and outputs
- Tri-state output
- Easy memory expansion with chip select (CS) and output enable (OE) functionality
- Data control for upper and lower bytes
- -40°C to +85°C operating temperature range
- RoHS-compliant

Datasheets and additional information can be found on www.alliancememory.com