SRAM, 512 Kbit, 32K x 16bit, 3V to 3.6V, TQFP, 100 Pins, 15 ns New

| | |
|---|---|
| Manufacturers | Renesas Technology Corp |
| Package/Case | TQFP-100 |
| Product Type | Memory |
| RoHS | Rohs |
| Lifecycle | |
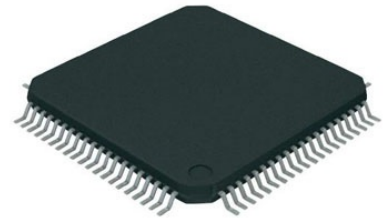
Images are for reference only

Please submit RFQ for 70V27L15PFG or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

## General Description

The 70V27 is a high-speed 32K x 16 Dual-Port Static RAM designed to be used as a stand-alone Dual-Port RAM or as a combination MASTER/SLAVE Dual-Port RAM for 32-bit or wider memory system applications resulting in full-speed, error-free operation without the need for additional discrete logic. An automatic power down feature controlled by the chip enables (CE0 and CE1) permits the on-chip circuitry of each port to enter a very low standby power mode.

# Features

True Dual-Ported memory cells which allow simultaneous access of the same memory location

Separate upper-byte and lower-byte control for bus matching capability

Dual chip enables allow for depth expansion without external logic

70V27 easily expands data bus width to 32 bits or more

Busy and Interrupt Flags

On-chip port arbitration logic

Full on-chip hardware support of semaphore signaling between ports

Fully asynchronous operation from either port

LVTTL-compatible, single 3.3V (±0.3V) power supply

Available in 100-pin TQFP and 144-pin fpBGA packages

Industrial temperature range (-40C to +85C) is available

## Related Products

**70V261L25PFGI**

Renesas Technology Corp

LQFP-100

**70V24L15PFG**

Renesas Technology Corp

100TQFP

**X28HC64SIZ-70**

Renesas Technology Corp

SOIC28

**71256S70DB**

Renesas Technology Corp

28-CDIP (0.600, 15.24mm)

**70V28L20PFGI**

Renesas Technology Corp

TQFP-100

**70V28L15PFG**

Renesas Technology Corp

TQFP-100

**70V261L25PFG**

Renesas Technology Corp

TQFP-100

**70V25L25PFGI**

Renesas Technology Corp

TQFP-100