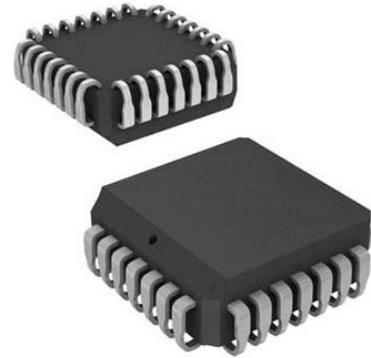


SRAM

Manufacturers	Renesas Technology Corp
Package/Case	PLCC-28
Product Type	Memory
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 7025L20PF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 7025 is a high-speed 8K x 16 Dual-Port Static RAM designed to be used as a stand-alone 128K-bit Dual-Port RAM or as a combination MASTER/SLAVE Dual-Port RAM for 32-bit or more word systems. An automatic power down feature controlled by Chip Enable (CE) permits the on-chip circuitry of each port to enter a very low standby power mode. Military grade product in compliance with MIL-PRF-38535 QML is available.

Features

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

Separate upper-byte and lower-byte control for multiplexed bus compatibility

7025 easily expands data bus width to 32 bits or more

Interrupt Flag and On-chip port arbitration logic

Full on-chip hardware support of semaphore signaling

between ports

Fully asynchronous operation from either port

Battery backup operation—2V data retention

TTL-compatible, single 5V ($\pm 10\%$) power supply

Available in 84-pin PGA, Flatpack, PLCC, and 100-pin TQFP packages

Industrial temperature range (-40C to $+85\text{C}$) 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



[70V27L15PFG](#)

Renesas Technology Corp
TQFP-100



[70V261L25PFG](#)

Renesas Technology Corp
TQFP-100