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512K x 32 SRAM MODULE

SYS32512ZK/LK - 012/015/017

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Description

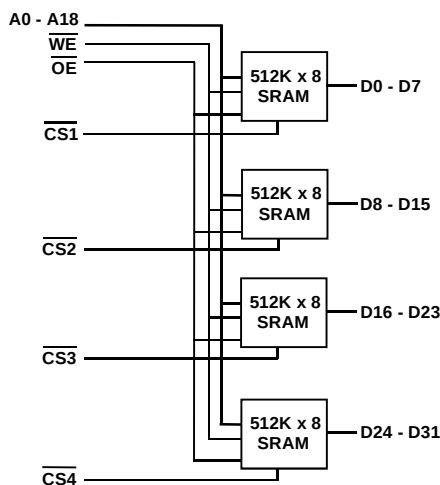
The SYS32512ZK/LK is plastic 16Mbit Static RAM Module housed in a 72 pin plastic SIMM, ZIP package organised as 512K x 32. The module utilises four fast 512K x 8 SRAMs housed in SOJ packages, mounted on one side of an FR4 epoxy substrate to achieve a very high density module.

The module has four Chip Selects, which when used correctly allow reading and writing to individual bytes or words. The pins PD0-3, are used to identify module memory density in applications where alternative modules can be interchanged.

Features

- Very Fast Access Times of 012/015/017 ns.
- 72 Pin ZIP, SIMM package
- 5 Volt Supply $\pm 10\%$.
- Low Power Dissipation:
Operational 4.18 W (maximum).
Standby (TTL) 220 mW (maximum).
- Completely Static Operation.
- On-board Supply Decoupling Capacitors.
- Upgrade path to SYS321000ZK/LK.

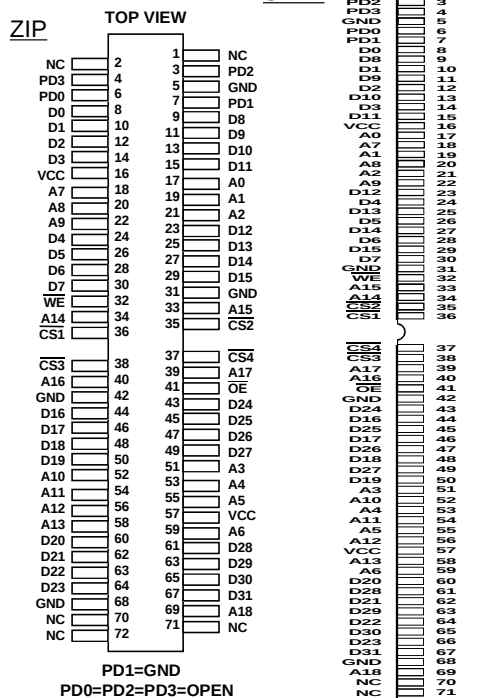
Block Diagram



Pin Functions

Address Inputs	A0~A18
Data Input/Output	D0~D31
Chip Select	CS1~4
Presence Detect	PD0~3
Write Enable	WE
Output Enable	OE
No Connect	NC
Power (+5V)	V _{cc}
Ground	GND

Pin Definition



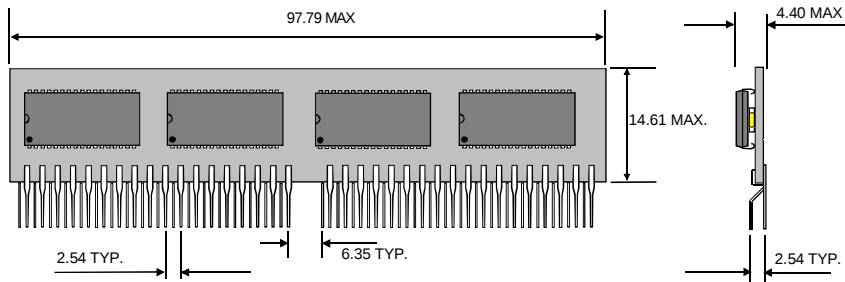
Package Details

Plastic 72 Pin SIMM

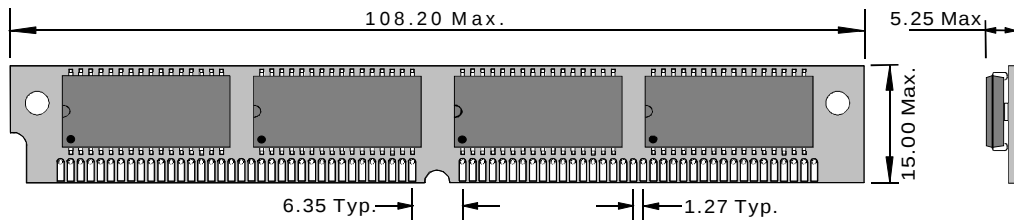
Plastic 72 Pin ZIP

Package Information Dimensions in mm

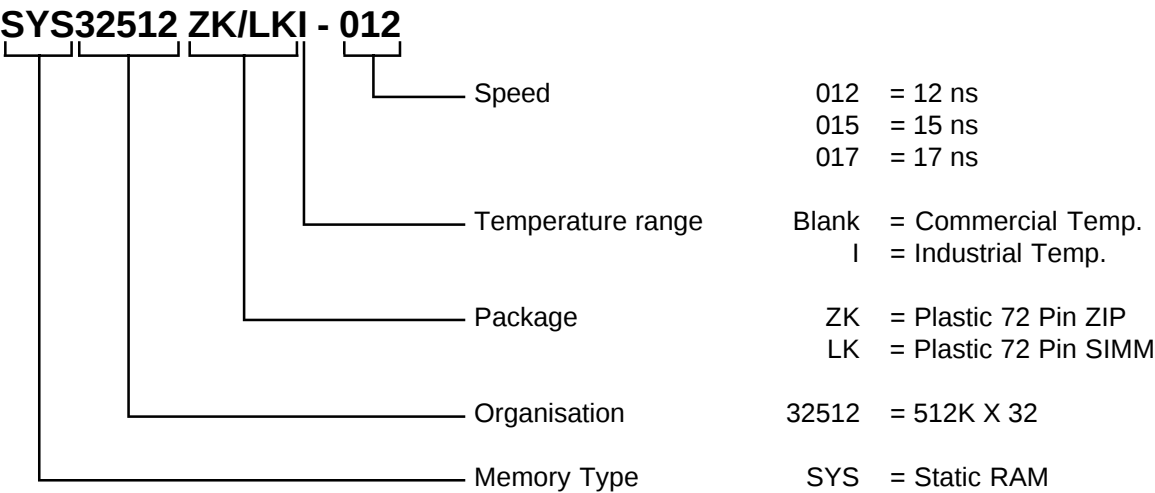
Plastic 72 Pin ZIP



Plastic 72 Pin SIMM



Ordering Information



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Our products are subject to a constant process of development. Data may be changed at any time without notice.
Products are not authorised for use as critical components in life support devices without the express written approval of a company director.