

TRAILING EDGE PRODUCT - MINIMUM ORDER APPLIES



1M x 8 SRAM MODULE

SYS81000RKX-70/85/10/12

Elm Road, West Chirton Industrial Estate, North Shields,
NE29 8SE, ENGLAND. TEL +44 191 2930519. FAX +44 191 2590997

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Description

The SYS81000RKX is plastic 8M Static RAM Module housed in a 35 pin Single-In-Line package, organised as 1M x 8.

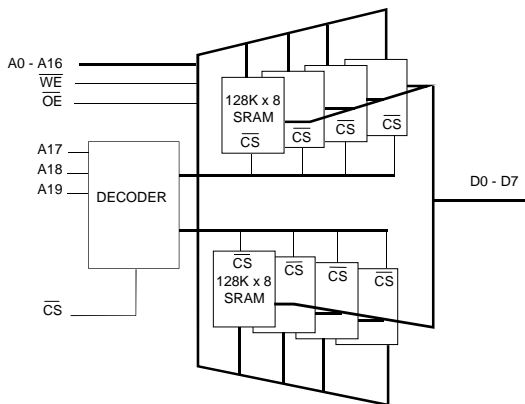
The module utilises fast SRAMs housed in SOP packages, and uses double sided surface mount techniques on an FR4 epoxy substrate, to achieve a very high density module.

The SYS81000RKX is offered in standard and low power versions, with the -L module having a low voltage data retention mode for battery backed applications.

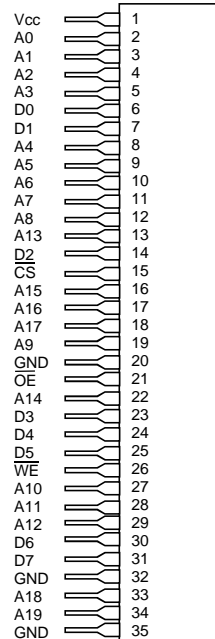
Features

- Access Times of 70/85/100/120 ns.
- 35 Pin Single-In-Line (SIL) package.
- 5 Volt Supply $\pm 10\%$.
- Low Power Standby -L Version 80uW (typ).
Low Power Operation 140mW (typ).
- Completely Static Operation.
- Equal Access and Cycle Times.
- All Inputs and Outputs Directly TTL compatible
- Low Voltage V_{CC} Data Retention.
- On-board decoding & capacitors.
- Battery back-up capability.

Block Diagram



Pin Definition



Pin Functions

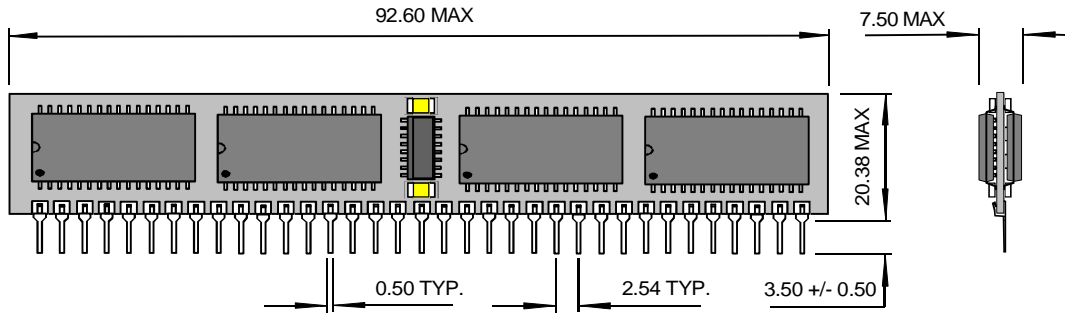
Address Inputs	A0 - A19
Data Input/Output	D0 - D7
Chip Select	\overline{CS}
Write Enable	\overline{WE}
Output Enable	\overline{OE}
No Connect	NC
Power (+5V)	V_{CC}
Ground	GND

Package Details

Plastic 35 Pin Single-in-line (SIL)

Package Information Dimensions in mm

Plastic 35 Pin Single-In-Line



Ordering Information

SYS81000RKXLI-70

