

# TRAILING EDGE PRODUCT - MINIMUM ORDER APPLIES



## 1M x 8 SRAM MODULE

### SYS81000RKX-70/85/10/12

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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.

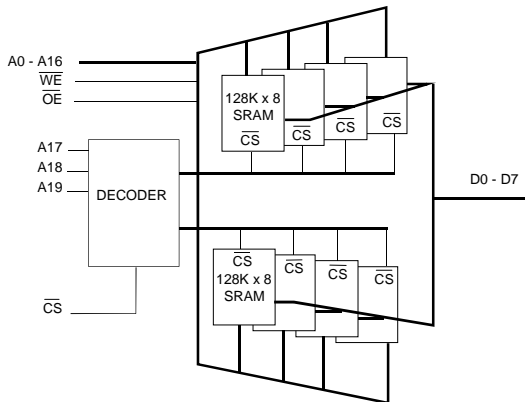
The module utilises fast SRAMs housed in SOP packages, and uses double sided surface mount techniques on an FR4 epoxy substrate, to achieve a very high density module.

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.

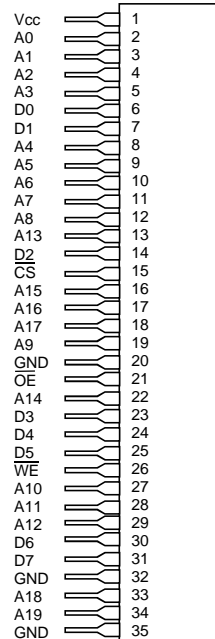
#### Features

- 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

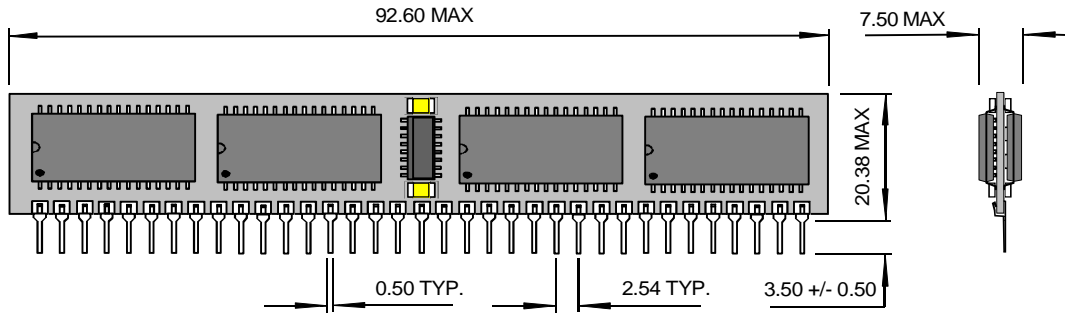
Address Inputs	<b>A0 - A19</b>
Data Input/Output	<b>D0 - D7</b>
Chip Select	<b><math>\overline{CS}</math></b>
Write Enable	<b><math>\overline{WE}</math></b>
Output Enable	<b><math>\overline{OE}</math></b>
No Connect	<b>NC</b>
Power (+5V)	<b><math>V_{CC}</math></b>
Ground	<b>GND</b>

#### Package Details

Plastic 35 Pin Single-in-line (SIL)

**Package Information**    Dimensions in mm

**Plastic 35 Pin Single-In-Line**



**Ordering Information**

**SYS81000RKXLI-70**

