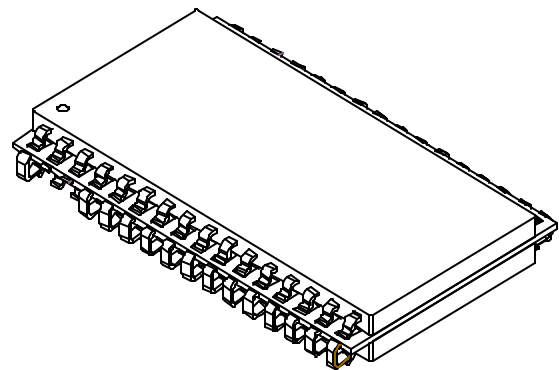
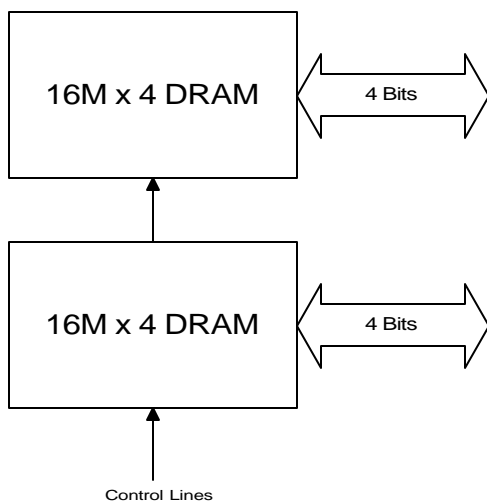


Irvine Sensors Corporation
Microelectronics Products Division

128 Mbit (16M x 8) EDO DRAM Memory Stack

Features:

- Low Profile: same PCB area as a single device
- Provides a cost-effective emulation of a 128 Mbit DRAM by using two 64 Mbit DRAMs.
- Pin compatible with future 128 Mbit single chip devices.



Dimensions: 0.841"L x 0.525"W x 0.100"H
(+/- 0.005" on all dimensions)

General Description

The Irvine Sensor's Microelectronics Products Division's 128 Mbit DRAM memory stack provides a cost-effective interim alternative to the monolithic 128 Mbit DRAM utilizing low cost readily available 64 Mbit devices and designed to be pin for pin compatible with future 128 Mbit monolithic devices. This device provides system designers with a low cost, currently available, device for cost sensitive high density memory applications. PCB's can be designed for 128Mbit devices today and be instantly upgraded to monolithic devices when they become cost effective. Base design uses Samsung K4E660412 TSOPs but can be manufactured using customer furnished TSOPs from a variety of manufacturers.

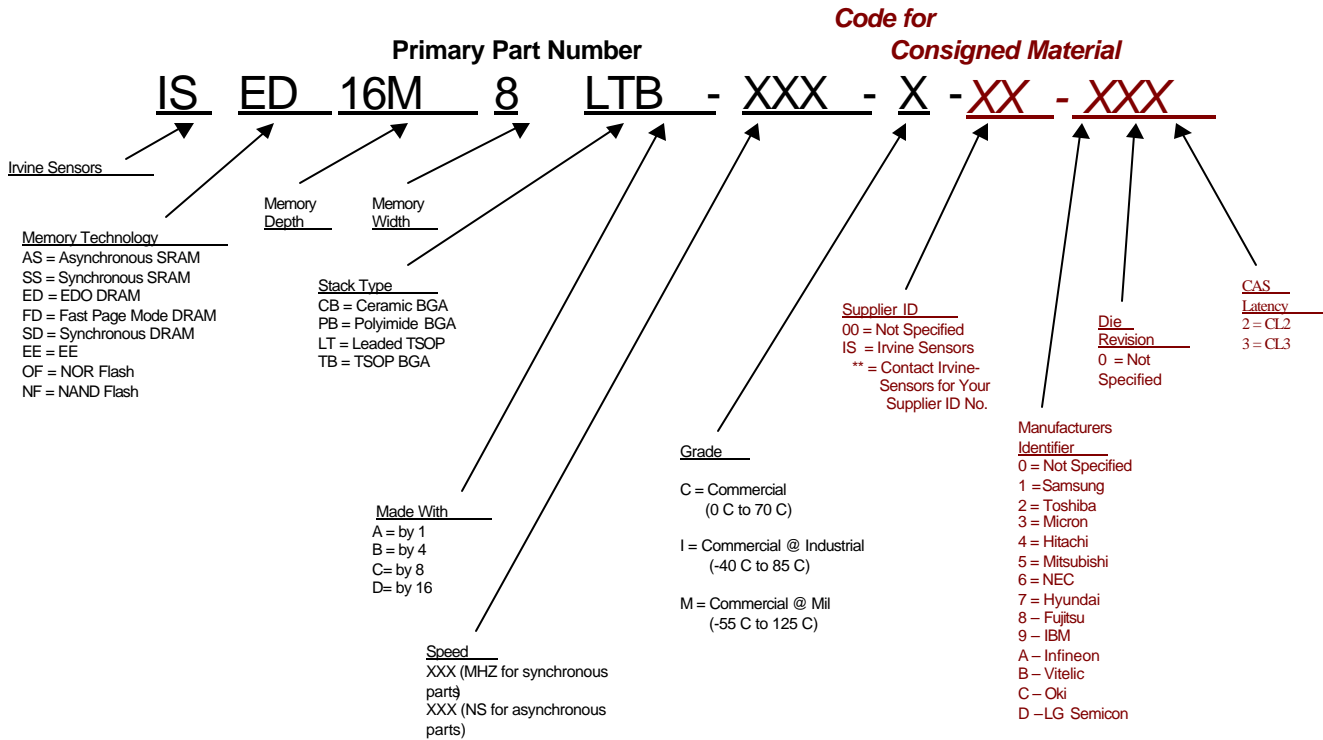
For more information contact MPD Sales:

Phone 1-714-549-8211 Fax 1-714-444-8764 E-mail mpdsales@irvine-sensors.com

Irvine Sensors Corporation, 3001 Redhill Avenue, Building 4, Costa Mesa, CA 92626-4532

Irvine Sensors Corporation
Microelectronics Products Division

MPD Part Numbering System



Pin Numbering

Pin #	Name	Name	Pin#
1	Vdd	Vss	32
2	DQ0	DQ7	31
3	DQ1	DQ6	30
4	DQ2	DQ5	29
5	DQ3	DQ4	28
6	N/C	N/C	27
7	N/C	/CAS	26
8	/W	/OE	25
9	/RAS	A12(N/C)	24
10	A0	A11	23
11	A1	A10	22
12	A2	A9	21
13	A3	A8	20
14	A4	A7	19
15	A5	A6	18
16	Vdd	Vss	17

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