



I<sup>2</sup> incorporated

MANUFACTURERS REPRESENTATIVES

3255 Scott Boulevard Suite 1-102 Santa Clara, CA 95054-3013

Tel: (408) 988-3400 Fax: (408) 988-2079

1996 DATA

B 0 0 K

1110-5121 Dec. 1995

DRAM





#### **PRINTED IN KOREA**

Circuit diagrams utilizing SAMSUNG products are included as a means of illustrating typical semiconductor applications; consequently, complete information sufficient for construction purposes is not necessarily given. The information has been carefully checked and is believed to be entirely reliable. However, no responsibility is assumed for inaccuracies. Furthermore, such information does not convey to the purchaser of the semiconductor devices described herein any license under the patent rights of SAMSUNG or others. SAMSUNG reserves the right to change device specifica-

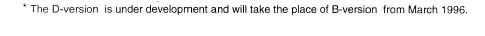




Certificate No FM 24651

## TABLE OF CONTENTS

I.	General Information						
	1. Introduction 2. Product Guide 3. Ordering Information	21					
II.	Data sheets						
	M DRAM						
	- KM41C1000D	38 45 52					
4	∕IDRAM						
	- KM41C4000C, KM41V4000C						





## TABLE OF CONTENTS(Continued)

### 16M DRAM

- KM41C16000B	-	1	6Mx1,	5V, F/P		 177
KM41V16000B		1	6Mx1,	3.3V, F/P		
- KM44C4000B, K	M44C4100B -	4	IMx4, 5	5V, F/P		 185
KM44V4000B, KI	M44V4100B	4	IMx4, 3	3.3V, F/P		
- KM44C4003B, K	M44C4103B -	4	IMx4, 5	SV, Quad CAS, F/I	Р	 193
- KM44C4004B, K	M44C4104B -	4	Mx4, 5	SV, EDO		 201
KM44V4004B, KI	M44V4104B	4	IMx4, 3	3.3V, EDO		
- KM44C4005B, K	M44C4105B -	4	IMx4, 5	SV, Quad CAS, ED	00	 209
- KM48C2000B, K	M48C2100B -	2	2Mx8, 5	5V, F/P		 217
KM48V2000B, KI	M48V2100B	2	2Mx8, 3	3.3V, F/P		
- KM48C2004B, K	M48C2104B	2	2Mx8, 5	SV, EDO		 225
KM48V2004B, KI	M48V2104B	2	2Mx8, 3	3.3V, EDO		
- KM416C1000A, I	KM416C1200A	1	Mx16,	5V, F/P(2nd gen.)		 233
KM416V1000A,	KM416V1200A	11	Mx16,	3.3V, F/P(2nd ger	1.)	
- KM416C1004A, I	KM416C1204A	1	Mx16,	5V, EDO (2nd ger	า.)	 241
KM416V1004A, ł	(M416V1204A	11	Mx16,	3.3V, EDO (2nd g	en.)	
- KM416C1000B, I	KM416C1200B	*1	Mx16,	5V, F/P(3rd gen.)		 249
KM416V1000B,	KM416V1200B	11	Mx16,	3.3V, F/P(3rd gen	.)	
- KM416C1004B, I	KM416C1204B	1	Mx16,	5V, EDO (3rd gen	.)	 257
KM416V1004B, F	(M416V1204B	1!	Mx16,	3.3V, EDO (3rd ge	en.)	

<sup>\*</sup> The B-version is under development and will take the place of A-version from May 1996.

#### 64M DRAM

-	KM44V16000A, KM44V16100A	 16Mx4, 3.3V, F/P	 267
	KM44V16004A, KM44V16104A		 275
-	KM44C16000A, KM44C16100A	 16Mx4, 5V, F/P	 283
-	KM44C16004A, KM44C16104A	 16Mx4, 5V, EDO	 291
-	KM48V8000A, <b>KM48V8100A</b>	 8Mx8, 3.3V, F/P	 299
-	KM48V8004A, KM48V8104A	 8Mx8, 3.3V, EDO	 307
~	KM48C8000A, KM48C8100A	 , ,	
-	KM48C8004A, KM48C8104A	 8Mx8, 5V, EDO	 323
-	KM416V4000A, KM416V4100A	 4MX16, 3.3V, F/P	 331
_	KM416V4004A, KM416V4104A	 4Mx16, 3,3V, EDO	 340



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

## **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

