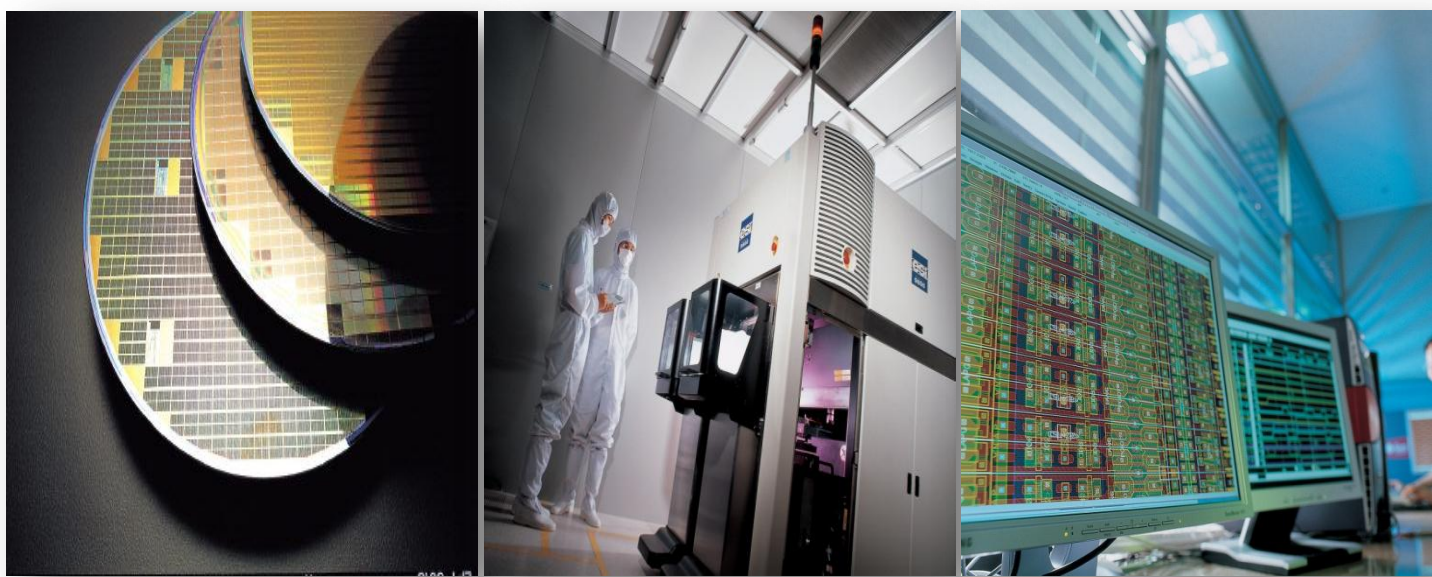


Wherever Low Power & Customized Memory is needed

JEJU SEMICONDUCTOR Corp.



PRODUCT SELECTION GUIDE

VERSION 1.0_Updated in November 2017

CONTENTS



01 :: Low Power DRAM
LPSDR
LPDDR
LPDDR2
KGD

02 :: MCP
NAND MCP(D1)
NAND MCP(D2)
NOR MCP
eMCP

03 :: Flash Memory
NAND Flash
eMMC

04 :: Low power Memory
CRAM / pSRAM
OctaRAM
SRAM
KGD



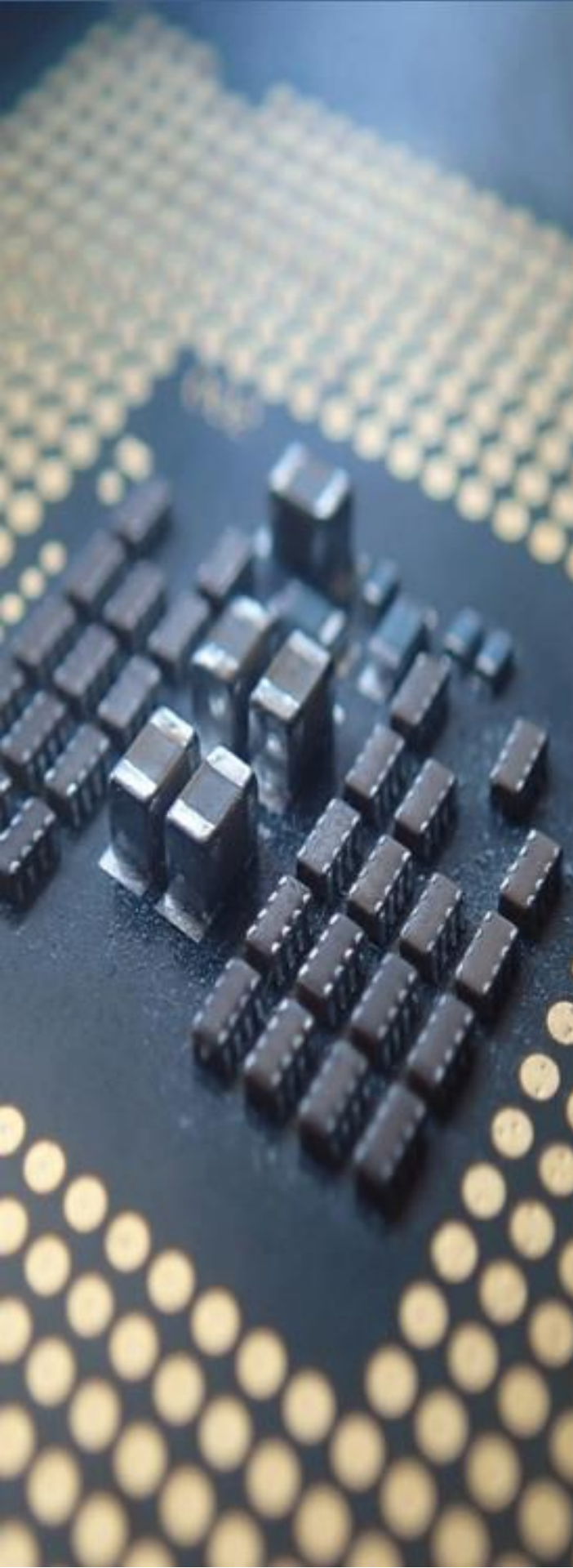
Wherever Low Power Memory is needed

ABOUT JSC

Jeju, Korea, JSC (Jeju Semiconductor Corp.), the fabless company in the semiconductor memory market, provides a full range of MCP products, low power memory products, and customized memory products.

JSC continues to deliver high-quality, innovative and performance-driven products to its customers in the automotive, mobile market, IoT, consumer and other market segments.





01

Low Power DRAM

- 
1. LPDDR
 2. LPDDR
 3. LPDDR2
 4. KGD

LPSDR

LPDDR

LPDDR2

KGD

Density	Data width	Voltage	Option	Max Frequency	Package Type	Part number	Status
128Mb	x16	1.7~1.95V	LPSDR	133MHz	54B (8x8x1.2mm)	EM828164PAY-75Ux	EOL(In-stock)
256Mb	x16	1.7~1.95V	LPSDR	133MHz	54B (8x8x1.2mm)	EM856164PAY-75Ux	M/P
512Mb	x16	1.7~1.95V	LPSDR	200MHz	60B (8x9x1.0mm)	JS812164PAY-60	T.B.D
512Mb	x32	1.7~1.95V	LPSDR	166MHz	90B (8x13x1.0mm)	JS812324PAJ-60	T.B.D



LPSDR

LPDDR

LPDDR2

KGD

Density	Data width	Voltage	Option	Max Frequency	Package Type	Part number	Status
128Mb	x16	1.7~1.95V	LPDDR	166MHz	60B (8x9x1.0mm)	EMD28164PAH-60Ux	EOL(In-stock)
256Mb	x16	1.7~1.95V	LPDDR	166MHz	60B (8x9x1.0mm)	EMD56164PBH-60x	M/P
256Mb	x16	1.7~1.95V	LPDDR	166MHz	60B (8x9x1.0mm)	EMD56164PCH-60x	M/P
512Mb	x16	1.7~1.95V	LPDDR	166MHz	60B (8x10x1.0mm)	EMD12164PHW-60	EOL(In-stock)
512Mb	x16	1.7~1.95V	LPDDR	200MHz	60B (8x9x1.0mm)	JSD12164PAH-50x	M/P
512Mb	x16	1.7~1.95V	LPDDR	200MHz	WLCSP72(3.625x4.166mm)	JSD12164PADZ-50x	C/S
512Mb	x32	1.7~1.95V	LPDDR	200MHz	90B (8x13x1.0mm)	JSD12324PAJ-50x	M/P
1Gb	x16	1.7~1.95V	LPDDR	200MHz	60B (8x9x1.0mm)	JSD1G164PAH-50x	Sample Now



LPSDR

LPDDR

LPDDR2

KGD

Density	Data width	Voltage	Option	Max Frequency	Package Type	Part number	Status
1Gb	x16	1.2V/1.8V	LPDDR2	400MHz	134B (10x11.5x1.0)	JSL2H1G168WSBQ-25E	Sample Now
1Gb	x32	1.2V/1.8V	LPDDR2	400MHz	134B (10x11.5x1.0)	JSL2H1G328WSBQ-25E	Sample Now
2Gb	x16	1.2V/1.8V	LPDDR2	400MHz	134B (10x11.5x1.0)	JSL22G168WSBQ-25E	Sample Now
2Gb	x32	1.2V/1.8V	LPDDR2	400MHz	134B (10x11.5x1.0)	JSL22G328WSBQ-25E	Sample Now



LPSDR

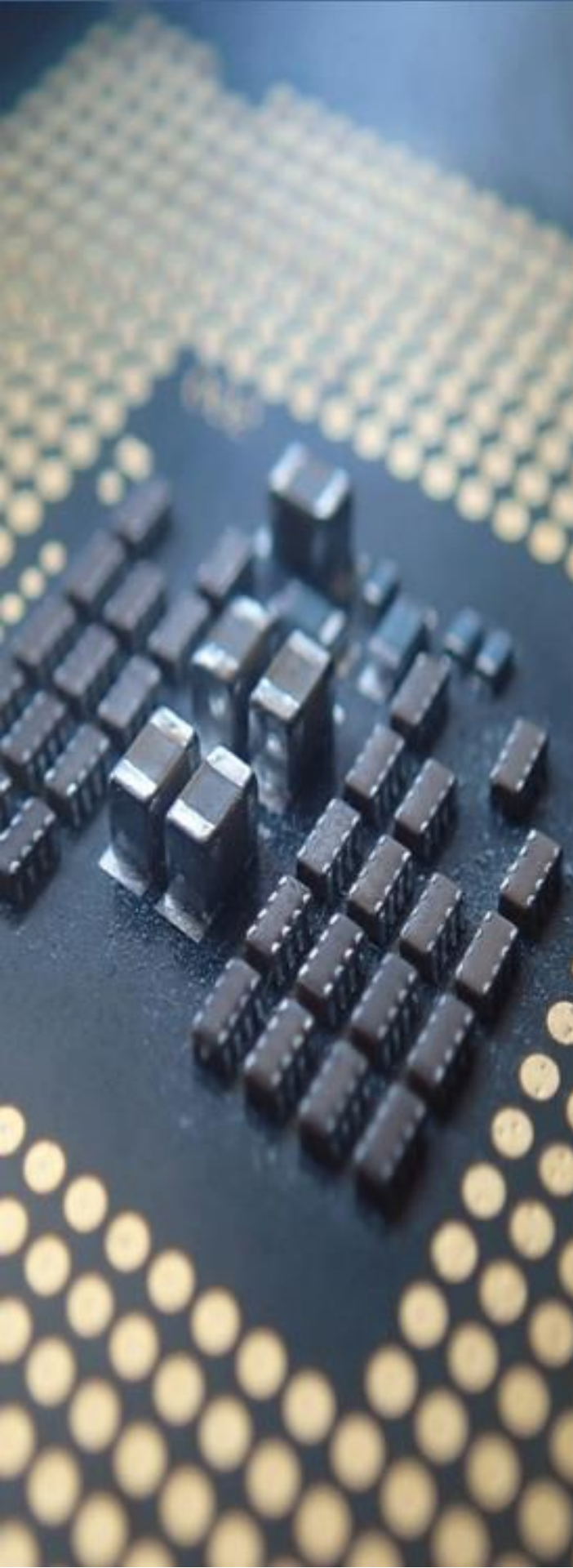
LPDDR

LPDDR2

KGD

Density	Data width	Voltage	Option	Max Frequency	KGD Part number	Status
64Mb	x64	1.7~1.95V	T2M		JSA64642PB	M/P
128Mb	x256	1.7~1.95V	T2M		JSA28562PA	M/P
256Mb	x16	1.7~1.95V	mDDR	200MHz	EMD56164PC	M/P
512Mb	x16	1.7~1.95V	mSDR	166MHz	JS812164PA	M/P
512Mb	x16	1.7~1.95V	mDDR	200MHz	JSD12164PA	M/P
512Mb	x32	1.7~1.95V	mDDR	200MHz	JSD12324PA	M/P
1Gb	x16	1.7~1.95V	mDDR	200MHz	JSD1G164PA	M/P
1Gb	x32	1.7~1.95V	mDDR	200MHz	JSD1G324PA	M/P
2Gb	x32	1.2V	mDDR2	400MHz	JSL22G328WA	M/P





02

MCP Products

1. NAND MCP(D1)
2. NAND MCP(D2)
3. NOR MCP
4. eMCP

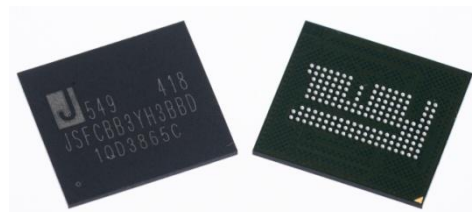
NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

4Gb + 2Gb LPDDR1 MCP

NAND			DRAM			Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type				
4Gb	x8	SLC	2Gb	x32	LPDDR1	4-bit	130B (8mm x 9mm)	JSFCBB2N7ABBA-450	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFCBB2N7ABBC-450	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFCBB2NHABBC-450	M/P
4Gb	x16	SLC	2Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFCBD2N7ABBC-450	M/P
4Gb	x16	SLC	2Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFCBD2NAABBC-450	M/P
4Gb	x16	SLC	2Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFCBD2NHABBC-450	M/P

2Gb + 1Gb LPDDR1 MCP

NAND			DRAM			Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type				
2Gb	x8	SLC	1Gb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFBAA2NH3BBA-450	M/P
2Gb	x8	SLC	1Gb	x32	LPDDR1	4-bit	130B (8mm x 9mm)	JSFBAB2NH3BBA-450	M/P
2Gb	x8	SLC	1Gb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFBAB2NH3BBC-450	M/P
2Gb	x8	SLC	1Gb	x32	LPDDR1	4-bit	130B (8mm x 9mm)	JSFBAB2NH3CBA-450	M/P
2Gb	x16	SLC	1Gb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFBAC2NH3BBA-450	M/P
2Gb	x16	SLC	1Gb	x16	LPDDR1	4-bit	107B (10.5mm x 13mm)	JSFBAC2NH3BBB-450	M/P
2Gb	x16	SLC	1Gb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFBAC2NH3CBA-450	M/P



NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

1Gb + 512Mb LPDDR1 NAND MCP

NAND			DRAM			Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type				
1Gb	x8	SLC	512Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9A2NH3BBA-450	M/P
1Gb	x8	SLC	512Mb	x16	LPDDR1	4-bit	107B (10.5mm x 13mm)	JSFA9A2NH3BBB-450	M/P
1Gb	x8	SLC	512Mb	x32	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9B2NH3BBA-450	M/P
1Gb	x8	SLC	512Mb	x32	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFA9B2NH3BBC-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9C2N72BBA-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9C2N73BBA-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9C2NH3BBA-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	107B (10.5mm x 13mm)	JSFA9C2NH3BBB-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA9D2NH3BBA-450	M/P
1Gb	x16	SLC	512Mb	x16	LPDDR1	4-bit	137B (10.5mm x 13mm)	JSFA9D2NH3BBC-450	M/P



NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

1Gb + 256Mb LPDDR1 NAND MCP

NAND			DRAM			Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type				
1Gb	x8	SLC	256Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA8A2N73BBA-450	M/P
1Gb	x8	SLC	256Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA8A2NH3BBA-450	M/P
1Gb	x16	SLC	256Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA8C2N73BBA-450	M/P
1Gb	x16	SLC	256Mb	x16	LPDDR1	4-bit	130B (8mm x 9mm)	JSFA8C2NH3BBA-450	M/P



NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

4Gb + 4Gb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCCB3YHHBBG-425	T.B.D
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFCCB3YHABBD-425	T.B.D
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	533MHz	162B (11.5mm x 13mm)	JSFCCB3YHABBD-425A	T.B.D
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCCB3YHABBL-425	Sample NOW
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCCB3YHABBL-425A	Sample NOW
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCCB3YHAFBL-425	T.B.D
4Gb	x8	SLC	4Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCCB3YHAFBL-425A	T.B.D

4Gb + 2Gb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
4Gb	x8	SLC	2Gb	x16	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCBA3Y7ABBG-425	Sample NOW
4Gb	x8	SLC	2Gb	x16	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCBA3Y7ABBG-425A	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFCBB3Y7ABBD-425	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCBB3Y7ABBG-425	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCBB3Y7ABBG-425A	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFCBB3Y75BBD-425	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFCBB3YHABBD-425	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCBB3YHABBG-425	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCBB3YH3BBG-425A	M/P
4Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCBF3YHHBBL-425A	M/P

4Gb + 2Gb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
4Gb	x16	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFCBD3YAABBD-425	M/P
4Gb	x16	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (11.5mm x 13mm)	JSFCBD3YAABBD-425A	Sample NOW
4Gb	x16	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFCBH3YHHBBL-425	Sample NOW
4Gb	x16	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFCBH3YHHBBL-425A	M/P

2Gb + 2Gb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFBBB3YHABBG-425	M/P
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFBBB3YHABBG-425A	M/P
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFBBB3KHABBG-425	Sample NOW
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFBBB3KHABBG-425A	Sample NOW
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFBBB3YH3BBG-425	M/P
2Gb	x8	SLC	2Gb	x32	LPDDR2	4-bit	533MHz	162B (8mm x 10.5mm)	JSFBBB3YH3BBG-425A	M/P

2Gb + 1Gb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
2Gb	x8	SLC	1Gb	x32	LPDDR2	4-bit	400MHz	162B (11.5mm x 13mm)	JSFBAB3YHABBD-425	M/P
2Gb	x8	SLC	1Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFBAB3YHABBG-425	M/P
2Gb	x16	SLC	1Gb	x16	LPDDR2	4-bit	400MHz	121B (8mm x 8mm)	JSFBAC3YHABBE-425	M/P

NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

1Gb + 1Gb/512Mb LPDDR2 NAND MCP

NAND			DRAM			ECC	Speed	Package	Part number	Status
Density	Bus	Type	Density	Bus	Type					
1Gb	x16	SLC	1Gb	x16	LPDDR2	4-bit	400MHz	121B (8mm x 8mm)	JSFAAC3YHHBBE-425	Contact us
1Gb	x8	SLC	1Gb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFAAB3YHHBBG-425	Contact us
1Gb	x8	SLC	512Mb	x32	LPDDR2	4-bit	400MHz	162B (8mm x 10.5mm)	JSFA9B3YHHBBG-425	M/P



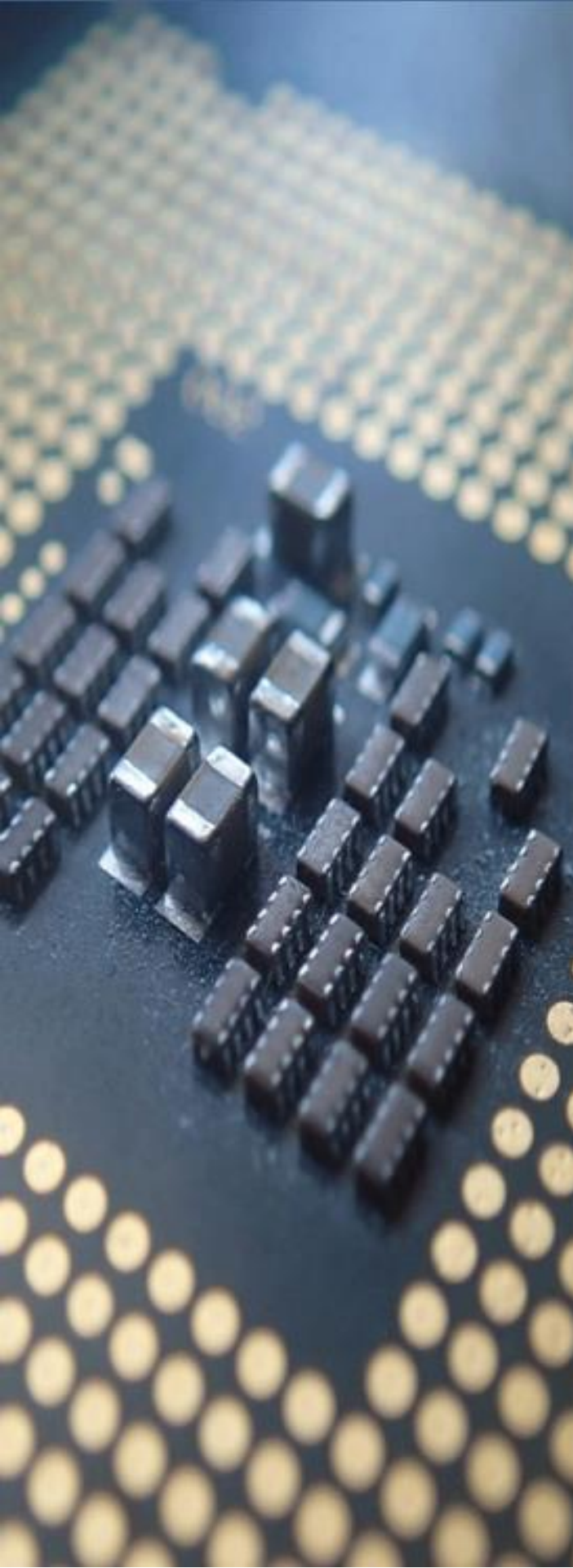
NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

Density	NOR Flash Description	Bank	Voltage	Density	Package	Part number	Status
256Mb	A/D Mux, Sync Burst	16-Bank	1.8V	128Mb	56B (6.2mm x 7.7mm)	JSM56283PTAASKK-70I	M/P
128Mb	A/D Mux, Sync Burst	16-Bank	1.8V	64Mb	56B (6mm x 6mm)	JSM28643PTAACKZ-70I	Sample NOW
128Mb	A/D Mux, Sync Burst	16-Bank	1.8V	32Mb	56B (6mm x 6mm)	EMM28324ULA0ALA-70I	Sample NOW
128Mb	A/D Mux, Sync Burst	8-Bank	1.8V	32Mb	56B (6mm x 6mm)	JSM28323PTAACKZ-70I	Sample NOW
128Mb	A/D Mux, Sync Burst	8-Bank	1.8V	32Mb	56B (6.2mm x 7.7mm)	JSM28323PTAASKK-70I	Sample NOW
128Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	EMM28324ULA0ALA-70I	M/P
128Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	JSM28324ULA1ALA-70I	M/P
128Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	JSM28324ULB1BMA-70I	M/P
64Mb	A/D Mux, Sync Burst	16-Bank	1.8V	32Mb	52B (6mm x 4mm)	JSM64323PTAABKQ-70I	Sample NOW
64Mb	A/D Mux, Sync Burst	16-Bank	1.8V	32Mb	56B (6mm x 6mm)	JSM64323PTAABKZ-70I	M/P
64Mb	A/D Mux, Sync Burst	4-Bank	1.8V	32Mb	52B (6mm x 4mm)	JSM64323PTBABKQ-70I	Sample NOW
64Mb	A/D Mux, Sync Burst	4-Bank	1.8V	32Mb	56B (6mm x 6mm)	JSM64323PTBABKZ-70I	Sample NOW
64Mb	A/D Mux, Sync Burst	4-Bank	1.8V	32Mb	52B (6mm x 4mm)	JSM64323PTBASKQ-70I	M/P
64Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	EMM64324UBA0ALA-70I	M/P
64Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	JSM64324UBA1BMA-70I	M/P
64Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	JSM64324UHA1BMA-70I	M/P
64Mb	De Mux, Async	Single	3.0V	32Mb	56B (7mm x 9mm)	SVME6432UTB-70LD	M/P

NAND MCP(D1) | NAND MCP(D2) | NOR MCP | eMCP

Density	NAND Type	eMMC	DRAM	SPEED	Package Type	Part number	Statues
4GB + 4Gb	MLC	eMMC 5.0	LPDDR2 1CS x32	400MHz	162B (11.5mm x 13mm)	JSMPFC1BA1HYHABD-H425	Contact us
4GB + 4Gb	MLC	eMMC 5.0	LPDDR2 1CS x32	533MHz	162B (11.5mm x 13mm)	JSMPFC1BA1HYHABD-H425A	Contact us





03

Flash Memory

1. NAND Flash

2. eMMC

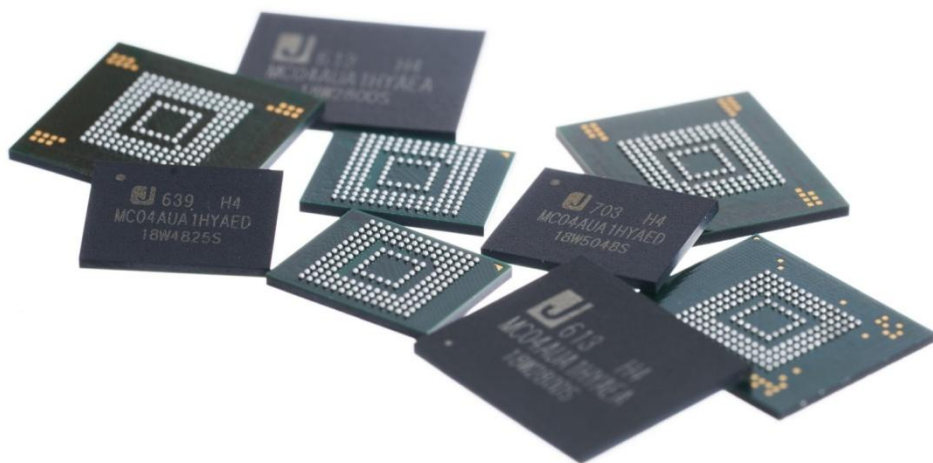
NAND Flash | eMMC

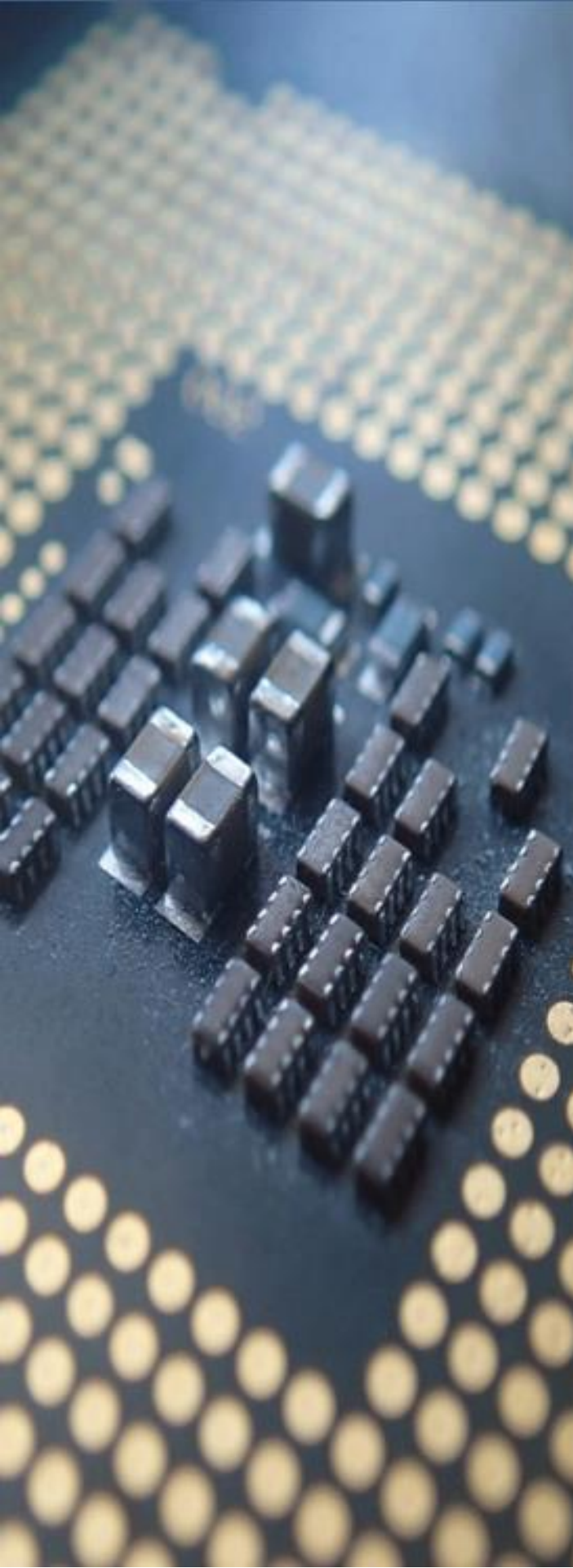
Density	Bus	NAND Type	ECC	Voltage	Package Type	Spare Area	Part Number	Status
1Gb	x8	SLC	4-bit	1.8V	63B (9.0mm x 11.0mm)	64 byte	JS27HP1G08SCDA-45	M/P
2Gb	x8	SLC	4-bit	1.8V	63B (9.0mm x 11.0mm)	64 byte	JS27HP2G08SCDA-45	Sample Now
4Gb	x8	SLC	4-bit	1.8V	63B (9.0mm x 11.0mm)	128 byte	JS27HP4G08SDDA-25	T.B.D
4Gb	x8	SLC	4-bit	1.8V	63B (9.0mm x 11.0mm)	128 byte	JS27HP4G08SDDA-25	Contact us
4Gb	x16	SLC	4-bit	1.8V	63B (9.0mm x 11.0mm)	128 byte	JS27HP4G16SDDA-45	Sample Now
1Gb	x8	SLC	4-bit	3.3V	48 TSOP1 (12 x 20mm)	64 byte	JS27HU1G08SCN-25	M/P
1Gb	x8	SLC	4-bit	3.3V	63B (9.0mm x 11.0mm)	64 byte	JS27HU1G08SCDA-25	M/P
2Gb	x8	SLC	4-bit	3.3V	48 TSOP1 (12 x 20mm)	128 byte	JS27HU2G08SCN-25	M/P
2Gb	x8	SLC	4-bit	3.3V	63B (9.0mm x 11.0mm)	128 byte	JS27HU2G08SDDA-25	M/P
4Gb	x8	SLC	4-bit	3.3V	48 TSOP1 (12 x 20mm)	128 byte	JS27HU4G08SDN-25	M/P
4Gb	x8	SLC	4-bit	3.3V	63B (9.0mm x 11.0mm)	128 byte	JS27HU4G08SDDA-25	M/P



NAND Flash | eMMC

Density	Stack	NAND Type	Option	Package Type	Part number	Status
4GB	1-stack	MLC	eMMC 5.0	153B (8.0mm x 10 mm)	JSMC04AUA1HYAED-H4	Contact us
4GB	1-stack	MLC	eMMC 5.0	153B (11.5mm x 13 mm)	JSMC04AUD1HYAEA-H4	Contact us
16GB	1-stack	MLC	eMMC 5.0	153B (11.5mm x 13 mm)	JSMC16AUA2HYAEA-H4	Contact us
32GB	2-stack	MLC	eMMC 5.0	153B (11.5mm x 13 mm)	JSMC32BUA2HYAEA-H4	Contact us
64GB	4-stack	MLC	eMMC 5.0	153B (11.5mm x 13 mm)	JSMC32DUA2HYAEA-H4	Contact us



A close-up photograph of a microchip, likely a memory module, showing a dense array of gold-colored bumps (micro-bumps) on its surface. The chip is dark, possibly black or dark blue, and the bumps are arranged in a regular grid pattern. The lighting is soft, highlighting the metallic texture of the bumps.

04

Low Power Memory

- 
- A stylized, light gray circuit board pattern on a white background, featuring various lines, circles, and rectangular shapes representing electronic components and traces.
1. CRAM / pSRAM
 2. OctaRAM
 3. SRAM
 4. KGD

Density	Product Description	Version	Voltage	Max Speed	KGD Part number	Package Type	PKG Part number	Status
128Mb	A/D Mux CRAM1.5-ver. Sync-Burst	C	1.8V	133MHz	EMC643SP16CK	PKG	JSC283SP16ATDT-70LF	M/P
64Mb	A/D Mux CRAM1.5-ver. Sync-Burst	C	1.8V	133MHz	EMC643SP16CKx	49B FBGA 4x4mm	EMC643SP16CKDT-70LFx	M/P
32Mb	De-Mux Async. pSRAM	B	1.8V	133MHz	EMC326SP16B	PKG	EM7164SP16CSP-70LFI	M/P
32Mb	De-Mux Async. pSRAM	B	1.8V	133MHz	EMC326SP16B	PKG	EM784SP16BPP-70LF	M/P
32Mb	De-Mux Async. pSRAM	B	1.8V	133MHz	EMC326SP16B	PKG	JS7324SU16BSP-70LFI	M/P
32Mb	De-Mux Async. pSRAM	B	3.0V	70ns	JS7324SU16	PKG	JS7324SU16BNP-70LF	M/P
16Mb	De-Mux Async. pSRAM	B	1.8V	70ns	EM7164SP16BLx	48B FBGA 6x7mm	EM7164SP16BLP-70LFx	*
16Mb					EM7164SP16BMx		EM7164SP16BMP-70LFx	*
16Mb					EM7164SP16BNx		EM7164SP16BNP-70LFx	*
16Mb					EM7164SP16BPx		EM7164SP16BPP-70LFx	*
16Mb					EM7164SP16BRx		EM7164SP16BRP-70LFx	*
16Mb					EM7164SP16BSx		EM7164SP16BSP-70LFx	*
16Mb	De-Mux Async. pSRAM	C	1.8V	70ns	EMC326SP16BKx		EM7164SP16CSP-70LFI	M/P
16Mb	De-Mux Async. pSRAM	M	3.0V	70ns	JS7164SV16BMI	54B FBGA 6x8mm	JS7164SV16BLY-70LFI	M/P
16Mb	De-Mux Async. pSRAM	M	3.0V	70ns	EM784SU16A	PKG	EM784SU16ANP-70LF	M/P
16Mb	De-Mux Async. pSRAM	M	3.0V	70ns	EM784SU16A	PKG	EM784SU16ASP-70LF	M/P
16Mb	De-Mux Async. pSRAM	B	3.0V	70ns	JS7324SU16	PKG	JS7164SU16BSP-70LFI	M/P

Ref) * : need to consider of NEW SBT for production



CRAM/pSRAM

OctaRAM

SRAM

KGD

Density	Version	Voltage	Max Speed	KGD Part number	Package Type	PKG Part number	Status
64Mb	A	1.8V	200MHz	JSC64SSP8AG	KGD	JSC64SSP8AG	M/P
64Mb	A	1.8V	200MHz	JSC64SSP8AG	KGD	JSC64SSP8AGI	M/P
64Mb	A	1.8V	200MHz	JSC64SSP8AG	KGD	JSC64SSP8AGM	Sample Now
64Mb	A	3.0V	133MHz	JSC64SSU8AG	KGD	JSC64SSU8AG	M/P
64Mb	A	3.0V	133MHz	JSC64SSU8AG	KGD	JSC64SSU8AGM	Sample Now
128Mb	A	1.8V	200MHz	JSC28SSP8AG	KGD	JSC28SSP8AG	U/D
128Mb	A	3.0V	133MHz	JSC28SSU8AG	KGD	JSC28SSU8AG	
64Mb	A	1.8V	200MHz	JSC64SSP8AG	24B BGA 6x8mm	JSC64SSP8AGDY-50I	M/P
64Mb	A	3.0V	133MHz	JSC64SSU8AG		JSC64SSU8AGDY-75I	M/P
128Mb	A	1.8V	200MHz	JSC28SSP8AG		JSC28SSP8AGDY-50I	U/D
128Mb	A	3.0V	133MHz	JSC28SSU8AG		JSC28SSU8AGDY-75I	



CRAM/pSRAM

OctaRAM

SRAM

KGD

Density	Voltage	Data width	Option	Speed	Package Type	Part number	Status
16Mb	2.7~3.6V	x16	Dual CS	55ns	BGA 48B 8x10x1.0	EM6168FV16B-55LF	M/P
8Mb	2.7~3.6V	x8	Dual CS	45ns	TSOPII 44L 11.76x18.41x1.2	EM680FV8BU-45LF	M/P
8Mb	2.7~3.6V	x8	Dual CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM680FV8BU-55LF	M/P
8Mb	2.7~3.6V	x16	Dual CS	55ns	BGA 48B 8x10x1.0	EM680FV16B-55LF	M/P
8Mb	2.7~3.6V	x16	Single CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM681FV16BU-55LF	M/P
4Mb	5.0V	x8	Single CS	55ns	STSOPI 32L 8x13.4	EM641FT8S-55LF	M/P
4Mb	2.7~3.6V	x8	Single CS	55ns	STSOPI 32L 8x13.4	EM641FV8FS-55LF	M/P
4Mb	2.7~3.6V	x8	Single CS	55ns	TSOPI 32L 8x20	EM641FV8FT-55LF	EOL
4Mb	2.7~3.6V	x16	Single CS / LBB,UBB (tBA=tOE)	55ns	TSOPII 44L 11.76x18.41x1.2	EM643FV16FU-55LF	M/P
4Mb	2.7~3.6V	x16	Single CS / LBB,UBB (tBA=tOE)	70ns	TSOPII 44L 11.76x18.41x1.2	EM643FV16FU-70LF	M/P
4Mb	2.7~3.6V	x16	Dual C/S / LBB,UBB (tBA=tCO)	55ns	TSOPII 44L 11.76x18.41x1.2	EM646FV16FU-55LF	M/P
4Mb	2.7~3.6V	x16	Dual C/S / LBB,UBB (tBA=tCO)	55ns	BGA 48B 6x7x1.1	EM640FV16F-55LF	M/P
4Mb	2.7~3.6V	x16	Single C/S / LBB,UBB (tBA=tCO)	45ns	BGA 48B 6x7x1.2	EM641FV16F-45LF	M/P
4Mb	2.7~3.6V	x16	Single C/S / LBB,UBB (tBA=tCO)	55ns	BGA 48B 6x7x1.3	EM641FV16F-55LF	M/P
2Mb	2.7~3.6V	x8	Dual CS	70ns	STSOPI 32L 8x13.4	EM620FV8BS-70LF	M/P
2Mb	2.7~3.6V	x8	Dual CS	70ns	STSOPI 32L 8x13.4	EM620FV8BT-70LF	EOL
2Mb	2.7~3.6V	x8	Dual CS	70ns	STSOPI 32L 8x13.4	EM620FV8BT-55LF	EOL
2Mb	2.7~3.6V	x16	Dual CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM620FV16BU-55LF	M/P
2Mb	2.7~3.6V	x16	Single CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM621FV16BU-55LF	M/P
2Mb	2.7~3.6V	x16	Dual CS	55ns	BGA 48B 6x7x1.0	EM620FV16B-55LF	M/P
1Mb	2.7~3.6V	x8	Dual CS	55ns	STSOPI 32L 8x13.5	EM610FV8S-55LF	M/P
1Mb	2.7~3.6V	x16	Dual CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM610FV16U-55LF	M/P
1Mb	2.7~3.6V	x16	Single CS	55ns	TSOPII 44L 11.76x18.41x1.2	EM611FV16U-55LF	M/P
1Mb	2.7~3.6V	x16	Single CS	70ns	TSOPII 44L 11.76x18.41x1.2	EM611FV16U-70LF	M/P
1Mb	2.7~3.6V	x8	Dual CS	55ns	TSOPI 32L 8x20	EM610FV8T-55LF	EOL
1Mb	2.7~3.6V	x8	Dual CS	70ns	TSOPI 32L 8x20	EM610FV8T-70LF	EOL

CRAM/pSRAM | OctaRAM | SRAM | KGD

Density	Product Description	Version	Voltage	Max Speed	KGD Part number	PKG Part number	Status
64Mb	A/D Mux CRAM1.5-ver. Sync-Burst	B	1.8V	133MHz	EMC643SP16BKx	EMC643SP16BKx	M/P
64Mb	A/D Mux CRAM1.5-ver. Sync-Burst	C	1.8V	133MHz	EMC643SP16CKx	EMC643SP16CKx	M/P
64Mb	A/D Mux CRAM1.5-ver. Sync-Burst	C	1.8V	133MHz	EMC323SP16CKx	EMC323SP16CKx	M/P
32Mb	A/D Mux CRAM1.5-ver. Sync-Burst	B	1.8V	133MHz	EMC326SP16B	EMC163SP16BK	M/P
32Mb	A/D Mux CRAM1.5-ver. Sync-Burst	B	1.8V	133MHz	EMC326SP16B	EMC323SP16BK	M/P
32Mb	De-Mux Async. pSRAM	B	3.0V	70ns	JS7324SU16	JS7324SU16BN	M/P
32Mb	De-Mux Async. pSRAM	B	3.0V	70ns	JS7324SU16	JS7324SV16BMI	M/P
16Mb	A/D Mux CRAM1.5-ver. Sync-Burst	B	1.8V	133MHz	EMC163SP16BKx	EMC163SP16BKx	M/P
16Mb	De-Mux CRAM1.5-ver Sync-Burst			133MHz	EMC166SP16BKx	EMC166SP16BKx	M/P



JSC

Wherever Low Power Memory is needed

NOTE



JSC

Jeju Semiconductor Corp. All rights reserved.

(Headquater) 2F, 18-4, Cheongsa-ro 1-gil, Jeju-si, Jeju-do, 63219 Korea
(Pangyo Office) 1F, 20, Pangyoyeok-ro 241beon-gil, Bundang-gu,
Seongnam-si, Gyeonggi-do, 13494 Korea