

SK Hynix  
Dreams  
Good Memory



# Q1' 2013 DATABOOK



# NAND Flash

## SLC

Product	Tech	Density	Block Size	Stack	Vcc/ Org	Package	Availability
HY27US08281A	9xnm class	128Mb	16KB	SDP	3.3v/X8	TSOP	Now
HY27US08561A	9xnm class	256Mb	16KB	SDP	3.3v/X8	TSOP/FBGA	Now
H27U518S2C	5xnm class	512Mb	16KB	SDP	3.3v/X8	TSOP/LGA	Now
H27U1G8F2B	4xnm class	1Gb	128KB	SDP	3.3v/X8	TSOP/FBGA	Now
H27S1G8F2B	4xnm class	1Gb	128KB	SDP	1.8v/X8	FBGA	Now
H27U1G8F2C	3xnm class	1Gb	128KB	SDP	3,3v/X8	TSOP, FBGA	Now
HY27UF082G2B	5xnm class	2Gb	128KB	SDP	3.3v/X8	TSOP/FBGA	Now
H27U2G8F2C	4ynm class	2Gb	128KB	SDP	3.3v/X8	TSOP	Now
H27S2G8F2C	4ynm class	2Gb	128KB	SDP	1.8v/X8	FBGA	Now
HY27UF084G2B	5xnm class	4Gb	128KB	SDP	3.3v/X8	TSOP	Now
H27U4G8F2D	4ynm class	4Gb	128KB	SDP	3.3v/X8	TSOP	Now
H27U4G8F2E	3xnm class	4Gb	128KB	SDP	3.3v/X8	TSOP	Now
H27U8G8G5D	4ynm class	8Gb	128KB	DDP	3.3v/X8	TSOP	Now
H27S1G8F2C	3xnm class	1Gb	128KB	SDP	1.8v/X8	FBGA	Now



# NAND Flash

## MLC

Product	Tech	Density	Block Size	Stack	Vcc/ Org	Package	Availability	Remark
H27UCG8T2A	2ynm class	64Gb	2MB(8KB Page)	SDP	3.3v/X8	TSOP	Now	
H27UCG8T2B	2ynm class	64Gb	4MB(16KB Page)	SDP	3.3v/X8	TSOP/FBGA-132	Now	
H27UBG8T2C	2ynm class	32Gb	2MB(8KB Page)	SDP	3.3v/X8	TSOP	Now	
H27UAG8T2C	2ynm class	16Gb	2MB(8KB Page)	SDP	3.3v/X8	TSOP	Now	
H27QCGDT2B	2ynm class	128Gb	4MB(16KB Page)	SDP	3.3v/x8	FBGA-132	Now	HS(ONF3.0)
H27QDGDUDB	2ynm class	128Gb	4MB(16KB Page)	DDP	3.3v/x8	FBGA-132	Now	HS(ONF3.0)
H27QEGDVEB	2ynm class	256Gb	4MB(16KB Page)	QDP	3.3v/x8	FBGA-132	Now	HS(ONF3.0)
H27QFGDYEB	2ynm class	512Gb	4MB(16KB Page)	ODP	3.3v/x8	FBGA-132	Now	HS(ONF3.0)
H27UCG8T2D	1xnm class	64Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q2'13	
H27UDG8T2M	1xnm class	128Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q1'13 (TBD)	
H27QCG8T2A	2ynm class	64Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Now	HS(ONF2.2)
H27QDG8UDA	2ynm class	128Gb	2MB(8KB Page)	DDP	3.3v/x8	FBGA-132	Now	HS(ONF2.2)
H27QEG8VEA	2ynm class	256Gb	2MB(8KB Page)	QDP	3.3v/x8	FBGA-132	Now	HS(ONF2.2)
H27QFG8YEA	2ynm class	512Gb	2MB(8KB Page)	ODP	3.3v/x8	FBGA-132	Now	HS(ONF2.2)
H27QCGDT2D	1xnm class	64Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q2'13	HS(ONF3.0)
H27QDGDUDD	1xnm class	128Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q2'13	HS(ONF3.0)
H27QEGDVED	1xnm class	256Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q2'13	HS(ONF3.0)
H27QFGDYED	1xnm class	512Gb	2MB(8KB Page)	SDP	3.3v/x8	FBGA-132	Q2'13	HS(ONF3.0)



# NAND Flash

## eMMC

Product	Density	Base Component			Vcc/ Org	Version	Availability
		Tech.	Density	Stack			
H26M21001FPR	2GB	2ynm class	16Gb	1	3.3V/x8/x4	MMC4.41	Now
H26M31001FPR	4GB	2xnm class	32Gb	1	3.3V/x8/x4	MMC4.41	Now
H26M31002GPR	4GB	2ynm class	32Gb	1	3.3V/x8/x4	MMC4.41	Now
H26M31003GMR	4GB	2ynm class	32Gb	1	3.3V/x8/x4	MMC4.5	Q1 '13
H26M42001FMR	8GB	2xnm class	32Gb	2	3.3V/x8/x4	MMC4.41	Now
H26M42002GMR	8GB	2ynm class	32Gb	2	3.3V/x8/x4	MMC4.41	Now
H26M42003GMR	8GB	2ynm class	32Gb	2	3.3V/x8/x4	MMC4.5	Now
H26M52002CKR	16GB	2xnm class	64Gb	2	3.3V/x8/x4	MMC4.41	Now
H26M54001DQR	16GB	2xnm class	32Gb	4	3.3V/x8/x4	MMC4.41	Now
H26M52002EQR	16GB	2ynm class	64Gb	2	3.3V/x8/x4	MMC4.41	Now
H26M54002EMR	16GB	2ynm class	32Gb	4	3.3V/x8/x4	MMC4.41	Now
H26M54003EMR	16GB	2ynm class	32Gb	4	3.3V/x8/x4	MMC4.5	Now
H26M64002BNR	32GB	2xnm class	64Gb	4	3.3V/x8/x4	MMC4.41	Now
H26M68001CFR	32GB	2xnm class	32Gb	8	3.3V/x8/x4	MMC4.41	Now
H26M64002DQR	32GB	2ynm class	64Gb	4	3.3V/x8/x4	MMC4.41	Now
H26M68002DCR	32GB	2ynm class	32Gb	8	3.3V/x8/x4	MMC4.41	Now
H26M68003DMR	32GB	2ynm class	32Gb	8	3.3V/x8/x4	MMC 4.5	Q1 '13
H26M78002ANR	64GB	2xnm class	64Gb	8	3.3V/x8/x4	MMC4.41	Now
H26M78002BFR	64GB	2ynm class	64Gb	8	3.3V/x8/x4	MMC4.41	Now
H26M78003BFR	64GB	2ynm class	64Gb	8	3.3V/x8/x4	MMC 4.5	Q1 '13



# NAND Flash

## E2NAND3.0

Product	Tech	Density	Block Size	Stack	Vcc/ Org	Package	Availability
H2JTCG8T22MBR	2ynm class	64Gb	4MB(16KB Page)	1	3.0V,3.3V/x8	VLGA	Now
H2JTDG8UD2MBR	2ynm class	128Gb	4MB(16KB Page)	2	3.0V,3.3V/x8	VLGA	Now
H2JTEG8VD2MBR	2ynm class	256Gb	4MB(16KB Page)	4	3.0V,3.3V/x8	VLGA	Now
H2JTFG8YD2MBR	2ynm class	512Gb	4MB(16KB Page)	8	3.0V,3.3V/x8	VLGA	Now