

NAND Flash

SLC



Product	Tech	Density	Block Size	Stack	Vcc/Org	Package	Availability
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
H27S1G8F2C	3xnm class	1Gb	128KB	SDP	1.8v/X8	FBGA	Now
H27U2G8F2C	4ynm class	2Gb	128KB	SDP	3.3v/X8	TSOP	Now
H27S2G8F2C	4ynm class	2Gb	128KB	SDP	1.8v/X8	FBGA	Now
H27U2G8F2D	3xnm class	2Gb	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
H27U4G8F2F	2xnm class	4Gb	256KB	SDP	3.3v/X8	TSOP	Q2'14
H27S4G8F2F	2xnm class	4Gb	256KB	SDP	1.8v/X8	TSOP	Q2'14
H27U518S2C	5xnm class	512Mb	16KB	SDP	3.3v/X8	TSOP	Now
H27U8G8G5D	4ynm class	8Gb	128KB	DDP	3.3v/X8	TSOP	Now

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Product	Tech	Density	Block Size	Stack	Vcc/Org	Package	Availability	Remark
H27UCG8T2A	2ynm class	64Gb	2MB	SDP	3.3v/X8	TSOP	Now	
H27UCG8T2B	2ynm class	64Gb	4MB	SDP	3.3v/X8	TSOP/FBGA-132	Now	
H27UBG8T2C	2ynm class	32Gb	2MB	SDP	3.3v/X8	TSOP	Now	
H27UAG8T2C	2ynm class	16Gb	2MB	SDP	3.3v/X8	TSOP/PGD2	Now	
H27QCGDT2B	2ynm class	64Gb	4MB	SDP	3.3v/x8	FBGA-132	Now	HS(ONFi3.0)
H27QDGDUDB	2ynm class	128Gb	4MB	DDP	3.3v/x8	FBGA-132	Now	HS(ONFi3.0)
H27QEGDVEB	2ynm class	256Gb	4MB	QDP	3.3v/x8	FBGA-132	Now	HS(ONFi3.0)
H27QFGDYEB	2ynm class	512Gb	4MB	ODP	3.3v/x8	FBGA-132	Now	HS(ONFi3.0)
H27UCG8T2D	1xnm class	64Gb	2MB	SDP	3.3v/x8	TSOP	Q3'13	
H27UCG8T2E	1xnm class	64Gb	4MB	SDP	3.3v/x8	TSOP	Q4'13	
H27QCG8T2D	1xnm class	64Gb	2MB	SDP	3.3v/x8	FBGA-132	Q2'13	HS(ONFi3.0)
H27QDG8U5D	1xnm class	128Gb	2MB	DDP	3.3v/x8	FBGA-132	Q3'13	HS(ONFi3.0)
H27QEG8VED	1xnm class	256Gb	2MB	QDP	3.3v/x8	FBGA-132	Q3'13	HS(ONFi3.0)
H27QFG8YED	1xnm class	512Gb	2MB	ODP	3.3v/x8	FBGA-132	Q3'13	HS(ONFi3.0)
H27QCG8T2E	1xnm class	64Gb	4MB	SDP	3.3v/x8	FBGA-132	Q4'13	HS(Toggle2.0)
H27QDG8U5E	1xnm class	128Gb	4MB	SDP	3.3v/x8	FBGA-132	Q1'14	HS(Toggle2.0)
H27QEG8VEE	1xnm class	256Gb	4MB	SDP	3.3v/x8	FBGA-132	Q1'14	HS(Toggle2.0)
H27QFG8YEE	1xnm class	512Gb	4MB	SDP	3.3v/x8	FBGA-132	Q1'14	HS(Toggle2.0)
H27QDG8T2A	3D-V1 class	128Gb	3MB	SDP	3.3v/x8	FBGA-132	Q2'14	HS(Toggle2.0)
H27QEGDU5A	3D-V1 class	256Gb	3MB	DDP	3.3v/x8	FBGA-132	Q2'14	HS(Toggle2.0)
H27QFGDVEA	3D-V1 class	512Gb	3MB	QDP	3.3v/x8	FBGA-132	Q2'14	HS(Toggle2.0)
H27Q1TDYEA	3D-V1 class	1Tb	3MB	ODP	3.3v/x8	FBGA-132	Q2'14	HS(Toggle2.0)
H27QCG8T2A	2ynm class	64Gb	2MB	SDP	3.3v/x8	FBGA-132	Now	HS(ONFi2.2)
H27QDG8UDA	2ynm class	128Gb	2MB	DDP	3.3v/x8	FBGA-132	Now	HS(ONFi2.2)
H27QEG8VEA	2ynm class	256Gb	2MB	QDP	3.3v/x8	FBGA-132	Now	HS(ONFi2.2)
H27QFG8YEA	2ynm class	512Gb	2MB	ODP	3.3v/x8	FBGA-132	Now	HS(ONFi2.2)

NAND Flash

eMMC



Product	Density	Base Component			Vcc/Org	Version	Availability	Remark
		Tech.	Density	Stack				
H26M21001FPR	2GB	2ynm class	16Gb	1	3.3V/x8/x4	MMC4.41	Now	11.5x13x0.8
H26M21001FRR	2GB	2ynm class	16Gb	1	3.3V/x8/x4	MMC4.41	Now	11x10x0.8
H26M31002GPR	4GB	2ynm class	32Gb	1	3.3V/x8/x4	MMC4.41	Now	11.5x13x0.8
H26M31002GRR	4GB	2ynm class	32Gb	1	3.3V/x8/x4	MMC4.41	Now	11x10x0.8
H26M31003GMR	4GB	2ynm class	32Gb	1	3.3V/x8/x4	MMC4.5	Now	11.5x13x1.0
H26M31001HRR	4GB	1xnm Class	32Gb	1	3.3V/x8/x4	MMC4.5	4Q' 13	11x10x0.8
H26M42002GMR	8GB	2ynm class	32Gb	2	3.3V/x8/x4	MMC4.41	Now	11.5x13x1.0
H26M42002GSR	8GB	2ynm class	32Gb	2	3.3V/x8/x4	MMC4.41	Now	11x10x0.8
H26M42003GMR	8GB	2ynm class	32Gb	2	3.3V/x8/x4	MMC4.5	Now	11.5x13x1.0
H26M41001HPR	8GB	1xnm Class	64Gb	1	3.3V/x8/x4	MMC4.5	Now	11.5x13x0.8
H26M41103HPR	8GB	1xnm Class	64Gb	1	3.3V/x8/x4	MMC5.0	1Q' 14	11.5x13x0.8
H26M52002EQR	16GB	2ynm class	64Gb	2	3.3V/x8/x4	MMC4.41	Now	12x16x1.0
H26M52003EQR	16GB	2ynm class	64Gb	2	3.3V/x8/x4	MMC4.5	Now	12x16x1.0
H26M54002EMR	16GB	2ynm class	32Gb	4	3.3V/x8/x4	MMC4.41	Now	11.5x13x1.0
H26M54003EMR	16GB	2ynm class	32Gb	4	3.3V/x8/x4	MMC4.5	Now	11.5x13x1.0
H26M52001FMR	16GB	1xnm class	64Gb	2	3.3V/x8/x4	MMC4.5	Now	11.5x13x1.0
H26M52103FMR	16GB	1xnm class	64Gb	2	3.3V/x8/x4	MMC5.0	1Q' 14	11.5x13x1.0
H26M64002DQR	32GB	2ynm class	64Gb	4	3.3V/x8/x4	MMC4.41	Now	12x16x1.0
H26M64002DQRS	32GB	2ynm class	64Gb	4	3.3V/x8/x4	MMC4.41	Now	12x16x1.0 (Win8)
H26M64003DQR	32GB	2ynm class	64Gb	4	3.3V/x8/x4	MMC 4.5	Now	12x16x1.0
H26M68003DCR	32GB	2ynm class	32Gb	8	3.3V/x8/x4	MMC 4.5	Now	11.5x13x1.2
H26M64001EMR	32GB	1xnm class	64Gb	4	3.3V/x8/x4	MMC 4.5	Now	11.5x13x1.0
H26M64103EMR	32GB	1xnm class	64Gb	4	3.3V/x8/x4	MMC 5.0	1Q' 14	11.5x13x1.0
H26M78002BFR	64GB	2ynm class	64Gb	8	3.3V/x8/x4	MMC4.41	Now	12x16x1.2
H26M78002BFRS	64GB	2ynm class	64Gb	8	3.3V/x8/x4	MMC4.41	Now	12x16x1.2 (Win8)
H26M78003BFR	64GB	2ynm class	64Gb	8	3.3V/x8/x4	MMC 4.5	Now	12x16x1.2
H26M78001CCR	64GB	1xnm class	64Gb	8	3.3V/x8/x4	MMC 4.5	4Q' 13	11.5x13x1.2
H26M78103CCR	64GB	1xnm class	64Gb	8	3.3V/x8/x4	MMC 5.0	1Q' 14	11.5x13x1.2

NAND Flash

E2NAND3.0



Product	Tech	Density	Block Size	Stack	Vcc/Org	Package	Availability	Remark
H2JTCG8T22MBR	2ynm class	64Gb	4MB	1	3.0V,3.3V/x8	VLGA	Now	
H2JTDG8UD2MBR	2ynm class	128Gb	4MB	2	3.0V,3.3V/x8	VLGA	Now	
H2JTEG8VD2MBR	2ynm class	256Gb	4MB	4	3.0V,3.3V/x8	VLGA	Now	
H2JTFG8YD2MBR	2ynm class	512Gb	4MB	8	3.0V,3.3V/x8	VLGA	Now	
H2JTCG8T21BMR	1xnm class	64Gb	4MB	1	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JTDG8UD1BMR	1xnm class	128Gb	4MB	2	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JTEG8VD1BMR	1xnm class	256Gb	4MB	4	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JTFG8YD1BMR	1xnm class	512Gb	4MB	8	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JTVG8ZD1BBR	1xnm class	768Gb	4MB	12	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JT1T8CD1B1R	1xnm class	1024Gb	4MB	16	3.0V,3.3V/x8	VLGA	1Q' 14	Non Shielded
H2JTCG8T21BMS	1xnm class	64Gb	4MB	1	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded
H2JTDG8UD1BMS	1xnm class	128Gb	4MB	2	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded
H2JTEG8VD1BMS	1xnm class	256Gb	4MB	4	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded
H2JTFG8YD1BMS	1xnm class	512Gb	4MB	8	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded
H2JTVG8ZD1BBS	1xnm class	768Gb	4MB	12	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded
H2JT1T8CD1B1S	1xnm class	1024Gb	4MB	16	3.0V,3.3V/x8	VLGA	1Q' 14	EMI Shielded

SSD (Solid State Drive)



▪ Standard 2.5" 7mm Form Factor

Part Number	Density	NAND component			Form Factor	I/F.	CS
		Tech.	Density	Stack			
HFS064G32MNB-2200A	64GB	2ynm	64Gb	2	STD. SSD 2.5"	SATA III (6Gbps)	2Q, 2013
HFS128G32MNB-2200A	128GB	2ynm	64Gb	4	STD. SSD 2.5"	SATA III (6Gbps)	2Q, 2013
HFS256G32MNB-2200A	256GB	2ynm	64Gb	4	STD. SSD 2.5"	SATA III (6Gbps)	2Q, 2013
HFS512G32MNB-2200A	512GB	2ynm	64Gb	8	STD. SSD 2.5"	SATA III (6Gbps)	2Q, 2013
HFS250G32MNB-2000A	250GB	2ynm	64Gb	4	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS500G32MNB-2000A	500GB	2ynm	64Gb	8	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS060G32MNB-2000A	60GB	2ynm	64Gb	2	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS120G32MNB-2000A	120GB	2ynm	64Gb	4	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS240G32MNB-2000A	240GB	2ynm	64Gb	4	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS480G32MNB-2000A	480GB	2ynm	64Gb	8	STD. SSD 2.5"	SATA III (6Gbps)	3Q, 2013
HFS400G32MEB-2420A*	400GB	2ynm	64Gb	8	STD. SSD 2.5"	SATA III (6Gbps)	1Q, 2014
HFS480G32MEB-2420A*	480GB	2ynm	64Gb	8	STD. SSD 2.5"	SATA III (6Gbps)	4Q, 2013

▪ Standard 2.5" 7mm Form Factor

Part Number	Density	NAND component			Form Factor	I/F.	CS
		Tech.	Density	Stack			
HFS032G3AMNB-2200A	32GB	2ynm	64Gb	2	mSATA	SATA III (6Gbps)	1Q, 2013
HFS064G3AMNB-2200A	64GB	2ynm	64Gb	2	mSATA	SATA III (6Gbps)	1Q, 2013
HFS128G3AMNB-2200A	128GB	2ynm	64Gb	4	mSATA	SATA III (6Gbps)	1Q, 2013
HFS256G3AMNB-2200A	256GB	2ynm	64Gb	8	mSATA	SATA III (6Gbps)	1Q, 2013

▪ Standard 2.5" 7mm Form Factor

Part Number ⁷	Density	NAND component			Form Factor	I/F.	CS
		Tech.	Density	Stack			
HFS032G34MNB-2200A	32GB	2ynm	64Gb	4	M.2 2242	SATA III (6Gbps)	4Q, 2013
HFS128G36MNB-2300A	128GB	2ynm	64Gb	4	M.2 2260	SATA III (6Gbps)	3Q, 2013
HFS256G36MNB-2300A	256GB	2ynm	64Gb	8	M.2 2260	SATA III (6Gbps)	3Q, 2013
HFS128G38MNB-2200A	128GB	2ynm	64Gb	4	M.2 2280	SATA III (6Gbps)	2Q, 2013
HFS256G38MNB-2200A	256GB	2ynm	64Gb	8	M.2 2280	SATA III (6Gbps)	2Q, 2013