

Allwinner Technology CO., Ltd.

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eMMC Support List

V1.75

2019-12-30

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History

Version	Date	Section/ Page	Changes compared to previous issue
V1.10	5/23/2015	All	1. Release for A64.
v1.11	6/29/2015	All	1. Update support list for A23, A31/A31s, A33, A80, A83T, H8, H3, A64.
v1.12	7/25/2015	All	1. Update support list for A20.
v1.13	10/14/2015	All	1. Update KLMCG8GEND-B031, KLM8G1GEND-B031, KLMCG8WEBD-B031, THGBMFG6C1LBAIL status on A23, A31/A31s, A33, A80, A83T, H8, H3, A64. Support NCEFAT28-08G, REMKDM316GDBB, REMKDM308GSBB on A20, A23, A31/A31s, A33, A80, A83T, H8, H3, A64. 2. Update SDIN9DS2-32G, SDIN9DS2-16G status on A64. Support SDINADF4-32G-L on A64. 3. Support REMSAT416GDBB on A20, A23, A31/A31s, A33, A80, A83T, A64.
v1.14	1/17/2016	All	1. Support KLM4G1FEPD-B031, H26T4300THPR, H26T5500THPR, H26T65001EMR, 40410081B1B1W00, 40410161B1B1W01, GD9E8MUYNM-MA00, MTFC8GAKAJCN-1WMT on A23, A31/A31s, A33, A80, A83T, H8, H3, A64. 2. Support NCEMBSF9-32GB, NCEMBSF9-32GB on A23, A33, A80, A83T, H8, H3, A64. Support REMSAT408GSBB on A23, A33, A83T, A64. Support REMSAT416GDBB on H8, H3. 3. Support 40410081B1B1W00, 40410161B1B1W01, GD9E8MUYNM-MA00, MTFC8GAKAJCN-1WMT on A20.
v1.15	2/19/2016	All	1. Support KLM8G1GEND-B031 on V40 and A20E.
v1.16	3/16/2016	All	1. Remove all Samusng, SKhynix eMMC from A23, A31/A31s. 2. Remove SDIN8DR1-8G, SDIN8DR1-16G, NCEMAH59-16G, NCEMAH59-32G, NCEMBS99-16G, NCEMBS99-32G, BWAMGTB11A08G, BWAMGTB21A16G from A23, A31/A31s. 3. Remove NCEMBSF9-32G, NCEMBSF9-16G, SP18A4G751B-0003, SP18A8G752B-0003, NCFES88-04G, EMMC08G-S100 from A23.
v1.17	3/27/2016	All	1. Update MTFC8GAKAJCN-1WMT, GD9E8M00YNM-H0A00, 40410161B1B1W01, status on A20, A23, A31/A31s, A33, A80, A83T, H8, H3, A64. 2. Support NCEMASD9-08G, NCEMBD39-16G, BSB16GCDRS4EM-01, BSB08GCDRS4EM-01 on A83T, H8, H3, A64. Support H26M52208FPR, H26M41204HPR, H26M64208EMR, KLM8G1GEME-B041, KLMAG1JENB-B041 on A64. 3. Release support list for G102/G202.
v1.18	5/6/2016	All	1. Add support list for V40/A20E.
v1.19	5/22/2016	All	1. Support MLC1M04M1L3AB, MLC1M08M2L3AB, MLC1M16M4L3AB on A33/A64/A85. 2. Remove EMMC08G-T227, EMMC32G-T527, EMMC16G-T527 from V40/A20E.
v1.20	5/24/2016	All	1. Add support list for H5.
v1.21	7/4/2016	All	1. Support THGBMDG5D1LBAIL on A31/A31s.
v1.22	7/8/2016	All	1. Support MTFC4GAKAJCN-1MWT, MTFC8GAKAJCN-1MWT, MTFC16GAKAECN-2MWT, MTFC32GAKAECN-3MWT, THGBMDG5D1LBAIL, THGBMHG6C1LBAIL, THGBMHG7C1LBAIL, THGBMHG8C2LBAIL on A20/A64. 2. Delete SP18A4G751B-0003, SP18A8G752B-0003.

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v1.23	8/30/2016	All	<p>1. Support Samsung KLM8G1GEME-B041, KLMAG1JENB-B041, KLMBG2JENB-B041 on A33/H3/A83T/H8/A64/G102/G202/V40/A20E/H5.</p> <p>Support Samsung KLMCG4JENB-B041 on A33/A83T/H8/V40/A20E/H5/A64.</p> <p>2. Support Micron MTFC4GACAICN-1MWT, MTFC16GAKAECN-2MWT, MTFC32GAKAECN-3MWT on A33/A83T/H8/H3/H5/G102/G202/V40/A20E.</p> <p>3. Support Toshiba THGBMDG5D1LBAIL, THGBMHG6C1LBAIL, THGBMHG8C2LBAIL on A33/H3/H5/A83T/H8/G102/G202/V40/A20E. Support Toshiba THGBMHG9C4LBAIL on A33/A64/A83T/H8/A64/V40/A20E.</p> <p>4. Support SKhynix H26M52208FPR, H26M41204HPR, H26M64208EMR on A33/H3/H8/G102/G202.</p> <p>5. Delete Kingston EMMC08G-S100. Support Kingston EMMC08G-M325, EMMC08G-T227, EMMC32G-T527, EMMC16G-T527, EMMC16G-M525 on A20/A33/A83T/H8/H3/H5/A64/G102/G202/V40/A20E. Support Kingston EMMC04G-M627 on A33/H3/G102/G202.</p> <p>6. Support Ramaxel REMPBT808GSBB, REMPBT716GSBB on A33/A83T/H8/H3/H5/A64/G102/G202/V40/A20E.</p> <p>7. Delete BIWIN BWAMGTB11A08G, BWAMGTB21A16G, BWBTA-08G, BWBTA-04G.</p> <p>8. Delete some FORESEE EOL device: NCTSTS86-04G, NCTSTS76-08G, NCFES76-08G, NCFES76-16G, NCFSES86-04G, NCFSES76-08G, NCFES76-04G.</p>
v1.24	9/30/2016	All	<p>1. Support SDIN8DE1-8G-XI, SDIN8DE2-8G-XA on A83T/A64/V40/A20E.</p> <p>2. Update some eMMCs' EOL status.</p>
v1.25	12/5/2016	All	<p>1. Support SDIN8DE1-8G-I, SDIN8DE2-8G-A, NCEMAD6B-16G, NCEMAD7B-08G, GD9E8M00YNI, GD9E4M00YNI, MC008000AA, MC016000AA, MC032000AA on A33/A83T/H8/H3/H5/A64/G102/G202/V40/A20E. Support SDIN8DE1-8G-I, SDIN8DE2-8G-A on A80.</p> <p>2. Update EMMC08G-T227, EMMC32G-T527, EMMC16G-T527 status on A33/A83T/H8/H3/H5/A64/G102/G202/V40/A20E.</p>
v1.26	4/3/2017	All	1. Add support list for A33 v2.01
v1.27	4/11/2017	All	1. Add support list for H6 v1.01
v1.28	4/24/2017	ALL	1. Add A33V2.01 patch
v1.29	5/12/2017	ALL	<p>1. Support KLM8G1GETF-B041, KLMAG1JETD-B041, KLMBG2JETD-B041, KLMCG4JETD-B041, SDINBDG4-8G, SDINBDG4-16G, H26M41208HPR, H26M78208CMR, H26M51002HPR, H26M62002GMR on A33/A80/A83T/H8/H3/A64/G102/G202/V40/A20E/H5/H6.</p> <p>2. Support GD9E8T00GNM-05, FMR16C1D0A-SB, JSMC32BUA2HYAEA, JSMC16AUA2HYAEA, I3E-8GTH7CMRE on A33/H3/G102/G202/V40/A20E/H5/H6. Support FMR16C1D0A-SB, JSMC32BUA2HYAEA, JSMC16AUA2HYAEA on A83T/H8/A64.</p>
v1.30	5/19/2017	ALL	1. Support BTA16GCFHAEET on A33/A83T/H8/H3/A64/G102/G202/V40/A20E/H5/H6.
v1.31	6/5/2017	ALL	1. Add support list for A63 v1.01
v1.32	7/4/2017	ALL	1. Delete H26M51002HPR, H26M62002GMR.
v1.33	7/24/2017	ALL	<p>1. Add H26M51002HPR, H26M62002GMR again, and mark it X for all platform</p> <p>2. Add support list for v5 v1.01</p> <p>3. Change 6FA27-JY969 to 6FA27-JY976</p>
v1.34	9/30/2017	ALL	1. Add support list for H3 v2.01
v1.35	10/17/2017	ALL	<p>1. Support SDINBDG4-32G, SDINBDG4-64G on H6</p> <p>2. Support SDINBDG4-16G-H, SDINBDG4-32G-H on A63</p>
v1.36	11/7/2017	ALL	1. Support EMMC08G-M728, EMMC16G-W525, EMMC32G-W525, EMMC64G-W525, NCEMAM6G-08G, NCEMASKG-08G on A64.
v1.37	11/15/2017	ALL	<p>1. Add support list for A64 v2.01</p> <p>2. Support SDIN7DU2-8G, SDIN9DW4-64G, THGBM5G7A2JBAIM, THGBM5G8A4JBAIM, THGBM6G7T2JBAIM, THGBM6G6T1JBIAIR, GD9E8MUYNM-MA00 on A64 v2.01</p> <p>3. Change BSB08GCDRS4EM-01 to BSA08GCDRS4EM-01</p>
v1.38	11/29/2017	ALL	add H26M42003GMR KLM8G1WEMB-B031 THGBMAG7A2JBIAIR support on H6

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v1.39	1/12/2018	ALL	add support on KLM8G1WEMB-B031 H26M42003GM THGBMAG7A2JB AIR SDIN7DP2-4G H3 v2.01 add support on KLMBG2JENB-B041 H6
v1.40	1/24/2018	ALL	Update EMMC16G-W525, EMMC32G-W525, EMMC64G-W525 process information.
v1.41	2/2/2018	ALL	Add support list for H6 v2.01
v1.42	2/5/2018	ALL	Add support list for A63 v2.01 Add support list for A64 v3.01 Add support list for T7 v1.01
v1.43	4/8/2018	ALL	1.Add Sandisk SDINBDG4-32G,SDINBDG4-64G,SDINBDG4-16G-H,SDINBDG4-32G-H for A33 v1.01,H3 v1.01,H3 v2.01,A64 v1.01,A64 v2.01,G102/G202 v1.01,V40/A20E v1.01,H5 v1.01,V5 v1.01,T7 v1.01; 2.Add Sandisk SDINBDG4-32G,SDINBDG4-64G for A63 v1.01;Add Sandisk SDINBDG4-16G-H,SDINBDG4-32G-H for H6 v1.01; 3.Add Kingston EMMC08G-M728,EMMC16G-W525,EMMC32G-W525,EMMC64G-W525 for A33 v1.01,H3 v1.01,H3 v2.01,A64 v2.01,G102/G202 v1.01,V40/A20E v1.01,H5 v1.01,H6 v1.01,A63 v1.01,V5 v1.01,T7 v1.01; 4.Add Kingston NCEMAM6G-08G,NCEMASKG-16G for A33 v1.01,H3 v1.01,H3 v2.01,A64 v2.01,G102/G202 v1.01,V40/A20E v1.01,H5 v1.01,H6 v1.01,A63 v1.01,V5 v1.01,T7 v1.01;
v1.44	4/18/2018	ALL	1.Add Sandisk SDINADF4-16G-H,SDINADF4-32G-H,SDINBDA4-32G,SDINBDA4-32G for A33 v1.01,A64 v1.01;
v1.45	5/9/2018	ALL	Add support list for A50 v1.01,add linux version on list
v1.46	5/14/2018	ALL	Add Foresee NCEMASLD-32G for A64 v1.01;
v1.47	5/28/2018	ALL	Add support list for c600 v1.01
v1.48	6/7/2018	ALL	1.Add the Note of Temperature Grade 2.Add the Grade and Operating Temperature feature 3.Add Foresee NCEMAD99-16G for A64 v1.01,V40/A20E v1.01,NCEMASLD-32G for V40/A20E v1.01; 4.Add Sandisk SDINBDA4-32G,SDINBDA4-64G for H3 v1.01,V40/A20E v1.01,H5 v1.01,H6 v1.01,A63 v1.01,V5 v1.01,A50 v1.01; 5.Add Automotive/industrial eMMC:KLM8G1GESD-B04P,KLMAG2GESD-B04P,SDINBDG4-16G-XA,THGBMAG7C2LBAW7,THGBMHG7C2LBAAR,H26M52208FPRI,EMMC16G-TB28 for V40/A20E v1.01,T7 v1.01;
v1.49	8/3/2018	ALL	1.Add SKhynix H26M51002KPR,H26M62002JPR for A64 v1.01,A50 v1.01; 2.Add Foresee FSEWASLG-32G for T3 v1.01,T7 v1.01; Add foresee NCEMAD99-16G,NCEMASLD-32G for A63 v1.01,A50 v1.01,A33 v1.01,H3 v1.01,G102 v1.01,H5 v1.01
v1.50	8/14/2018	ALL	1. Add support list for T7 v2.01
v1.51	07/09/2018	ALL	1. Add support list for T7 v2.01 2.add Skhynix H26M41208HPRI for T3 v1.01 3.add Skhynix H26M41208EMRA for T3 v1.01
v1.52	26/09/2018	ALL	1.Add Toshiba THGBMNG5D1LBAIL for A64 v1.01 and Biwin BWCTASC11G08G for A64 v1.01
v1.53	30/09/2018	ALL	1.Add Biwin BWCTASC11G08G for A33 v1.01 2.Change Kingston EMMC32G-T527,EMMC16G-T527 Remark

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v1.54	31/10/2018	ALL	1.Add Toshiba THGBMHG7C2LBAW7 for T7 and T3 v2.01 2.Add Eorex EMMF5BA-032G for A64 v3.01 3.Add T3-linux-4.9
v1.55	03/12/2018	ALL	1.Add Sumsang KLM8G1GEUF-B04P and KLMA62GEUF-B04P for the T7
v1.56	20/1/2019	ALL	1.Add Foresee NCEMAD9D-16G for A50/A63 and Toshiba THGBMNG5D1LBAIL for H3
v1.57	25/2/2019	ALL	1.Add Foresee NCEMAD9D-16G for H6 v2.01 and MTFC64GANALAM-WT for H6 v1.01
v1.58	18/3/2019	ALL	1.Add V316 platform
v1.59	20/3/2019	ALL	1.Add Foresee NCEMAD9D-8G for A63 v2.01(sample window width has been changed to 8 points)
v1.60	29/3/2019	ALL	1.Add industrial eMMC MXIC 8G MX52LM08A11XVI for A50 v1.01 2.Add Topdisk A121-16G for A64 v3.01 and A132-32G for A63 v2.01(not support HS400,run at HS200 150M)
v1.61	9/4/2018	ALL	1.Add FORESEE eMMC FSEIASLD-32G for T3 v2.01 2.Test some eMMC in V316
v1.62	22/4/2018	ALL	add EMB1CTTD41FC016/EMB1CTTD51FC032 on a33/a64
v1.63	24/4/2019	ALL	1.Add Foresee NCEMAD9D-8G on H6,add Sandisk SDINBDG4-8G-B
v1.64	21/5/2019	ALL	1.Add Foresee eMMC FSEIASLD-32G for T7 v2.01 2.Add UniC (紫光) 32GeMMC UNMEN05GC1C31AS for A50 v1.01, 64GeMMC UNMEN06GC2C31AS for A63 v2.01
v1.65	7/8/2019	ALL	add Artmem AT70B16G4T02C, AT70B32GT01C
v1.66	21/8/2019	ALL	add Artmem AT70B16G4T02C, AT70B32GT01C on H6 linux4.9
v1.67	10/10/2019	ALL	modify UNMEN05GC1C31AS,UNMEN06GC2C31AS,NCEMASLD-32G eMMC parameter
v1.68	20/11/2019	ALL	add H3-pro (AW1823) eMMC support list on Linux 4.9
v1.69	22/11/2019	ALL	add TOPDISK eMMC A121-16G on H6 Linux 3.10
v1.71	14/12/2019	ALL	Update H3-pro (AW1823) eMMC support list on Linux 4.9
v1.72	18/12/2019	ALL	Update AT70B16G3S02C AT70B32G3S01C
v1.73	19/12/2019	ALL	Update AT70B16G3S02C AT70B32G3S01C for H6 on linux4.9

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v1.74	20/12/2019	ALL	Update ISO COM eMMC IMEM1A032G-M0500 for H616 on linux4.9 (temperature: -20~60) and add H616、T507 eMMC support list on linux4.9
v1.75	20/12/2019	ALL	Update SCY eMMC E32GDDF11ABE00 for H616 on linux4.9 (temperature: -10~60) and add test report

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• Note Introduction

Status	Description
D/S	Datasheet Supported but Need Sample to Full Test
S/T	Sample Full Test Passed and Supported
✓	Supported and Mass Production
X	Not Supported
(Blank)	Not Recommended or in Testing
A3	Automotive AEC-Q100 Grade3
A2	Automotive AEC-Q100 Grade2
A1	Automotive AEC-Q100 Grade1
I	Industrial Grade
C	Commercial Grade

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• Attention

This support list is based on the specified SD/eMMC driver version which includes sdk version and eMMC patch.

IC	SD/eMMC Version	SDK Version	eMMC_patch
H3	V1.01	homlet4.4.2-h3-v1.0rc2	NO
	V2.01	H3-linux4.4	
	V3.01	H3-linux4.9	
H8	V1.00	H8 V1.0	NO
	v2.01	H8 linux4.4	
A83	V1.01	A83-android4.4.4-v0.9rc1	NO
A80	V1.01	A80-v1.0-onda-rc3	NO
A23	V1.10	A23-Android4.2-V2.0	A23_Android4.2_V2.0_Android4.4_V1.0&V2.0_emmc_patch_20140525
		A23-Android4.4-V1.0	
		A23-Android4.4-V2.0	
A31(S)	V1.60	A31(S)-Android4.4	A31(S)_Android4.4_V4.4&V4.5&V4.6_nand2.0&emmc_patch_20140707.tar.gz
		A31(S)-Android4.2	A31(S)_Android4.2_V3.0&V3.2&V3.3_nand2.0&emmc_patch_20140625.tar.gz
A33	V1.01	A33-Android4.4.2-V1.0	NO
	V2.01	A33-Android7.1.2	A33_Android7.1.2&emmc_patch_20170424&avoid_host_dat0_busy_state_isnot_consistent_with_cmd13_prg_state.patch
A20	V1.60	A20-Homlet-Android4.2.2-SDK V2.1rc3	A20_homlet-sugar42-v2.1_update_mmc_driver_2015-10-10.rar
A64	V1.01	exdroid-6.0.1-f3-a64-v2.0rc2	NO
	V2.01	A64-linux4.4	NO
	V3.01	A64-linux4.9	NO
G102/G202	V1.01		NO
V40/A20E	V1.01		NO
	V2.01	T3-linux4.9	NO
H5	V1.01		NO
H6	V1.01		NO
	V2.01	H6-linux4.9	NO
A63	V1.01		NO
	V2.01	A63-linux4.9	NO
V5	V1.01		NO
T7	V1.01		NO
	V2.01	linux4.9	NO
A50	V1.01	A50-linux4.9	NO
C600	V1.01	c600-linux3.10	NO

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V316	V1.01	v316-linux4.9	NO
H616	V1.01	H616-linux4.9; H616-Uboot2018	NO
T507	V1.01	T507-linux4.9; T507-Uboot2018	NO

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• Support List

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Processes	Pkg Size (mm)	Grade	Operating Temperature (Deg.C)	H616/H313		Remark
								V1.01		
								linux 4.9		
	8G	KLM8G1WE4A-	v4.41		12*16-BGA169				SS001-xx-xx	EOL
	16G	KLMAG2WE4A-A001	v4.41		12*16-BGA169			S/T	SS002-xx-xx,SS002-01-xx	EOL
	4G	KLM4G1FE3B-B001	v4.41		11.5*13-BGA153				SS003-xx-xx	EOL
	4G	KLM4G1YEMD-B031	v5.0	TLC/19nm	11.5*13-BGA153			S/T	SS004-xx-xx	EOL
	8G	KLM8G1WEMB-B031	v5.0	TLC/19nm	11.5*13-BGA153				SS005-xx-xx	EOL
	16G	KLMAG2WEMB-B031	v5.0	TLC/19nm	11.5*13-BGA153			S/T	SS006-xx-xx,SS019-xx-xx	EOL
	32G	KLMBG4WEBC-B031	v5.0	TLC/19nm	11.5*13-BGA153				SS007-xx-xx,SS020-xx-xx	EOL
	16G	KLMAG2GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153				SS009-xx-xx	EOL
	8G	KLM8G1GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153			S/T	SS010-xx-xx	EOL
	4G	KLM4G1FEAC-B031	v5.0	MLC/19nm	11*10-BGA153				SS011-xx-xx	EOL
	32G	KLMBG4GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153			S/T	SS012-xx-xx	EOL
	32G	KLMBG4GE2A-A001	V4.5	MLC	12*16-BGA169				SS013-xx-xx	EOL
	16G	KLMAG2GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS016-xx-xx	
	32G	KLMBG4GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS015-xx-xx	
	8G	KLM8G1WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS017-xx-xx	

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Samsung	16G	KLMAG2WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS018-xx-xx	
	32G	KLMBG4WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS021-xx-xx	
	64G	KLMCG8GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS023-xx-xx	
	8G	KLM8G1GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS025-xx-xx	
	64G	KLMCG8WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	SS022-xx-xx	
	4G	KLM4G1FEPD-B031	v5.0	MLC/16nm	11*10-BGA153		-25~+85	S/T	SS026-xx-xx	
	8G	KLM8G1GEME-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS027-xx-xx	
	16G	KLMAG1JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS028-xx-xx	
	32G	KLMBG2JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS029-xx-xx	
	64G	KLMCG4JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS030-xx-xx	
	8G	KLM8G1GETF-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS034-xx-xx	
	16G	KLMAG1JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS032-xx-xx	
	32G	KLMBG2JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS033-xx-xx	
	64G	KLMCG4JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		-25~+85	S/T	SS031-xx-xx	
	8G	KLM8G1GESD-B04P	v5.1	MLC/16nm	11.5*13-BGA153	A3	-40 ~ +85	S/T	SS036-A-xx-xx	
	16G	KLMAG2GESD-B04P	v5.1	MLC/16nm	11.5*13-BGA153	A3	-40 ~ +85	S/T	SS037-A-xx-xx	
	8G	KLM8G1GEUF-B04P	v5.1		11.5*13-BGA153	A3	-40 ~ +85	S/T		
	16G	KLMAG2GEUF-B04P	v5.1		11.5*13-BGA153	A3	-40 ~ +85	S/T		
	8G	SDIN7DP2-8G	v4.5		11.5*13-BGA153		-25~+85	S/T	SD001-xx-xx	
	16G	SDIN7DU2-16G	v4.41		11.5*13-BGA153		-25~+85	S/T	SD002-xx-xx	
	4G	SDIN7DP2-4G	v4.5		11.5*13-BGA153		-25~+85		SD003-xx-xx	
	8G	SDIN8DE1-8G	v4.5	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD004-xx-xx	
	8G	SDIN8DE2-8G	v4.5	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD005-xx-xx	
	8G	SDIN8DR1-8G	v4.51	TLC/1Ynm	11.5*13-BGA153			S/T	SD006-xx-xx	

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Sandisk	16G	SDIN8DR1-16G	v4.51	TLC/1Ynm	11.5*13-BGA153			S/T	SD007-xx-xx	
	4G	SDIN8DE2-4G	v4.51	MLC/19nm	11.5*13-BGA153		-25~+85		SD008-xx-xx	
	8G	SDIN7DU2-8G	v4.41		11.5*13-BGA153		-25~+85	S/T	SD009-xx-xx	
	16G	SDIN7DP4-16G	v4.51	MLC	11.5*13-BGA153		-25~+85	S/T	SD011-xx-xx	
	16G	SDIN8DE4-16G	v4.51	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD012-xx-xx	
	16G	SDIN8DE2-16G	v4.51	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD013-xx-xx	
	32G	SDIN8DE4-32G	v4.51	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD014-xx-xx	
	16G	SDIN9DW4-16G	v5.0	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD015-01-xx	
	32G	SDIN9DW4-32G	v5.0	MLC/19nm	11.5*13-BGA153		-25~+85	S/T	SD016-01-xx	
	64G	SDIN9DW4-64G	v5.1	MLC/20nm	11.5*13-BGA154		-25~+85	S/T	SD018-xx-xx	
	32G	SDIN9DS2-32G	v5.0	TLC/1Ynm	11.5*13-BGA153		-25~+85	S/T	SD019-xx-xx	IO电压不支持3.3V
	16G	SDIN9DS2-16G	v5.0	TLC/1Ynm	11.5*13-BGA153		-25~+85	S/T	SD020-xx-xx	IO电压不支持3.3V
	32G	SDINADF4-32G-L	v5.1	TLC/1Ynm	11.5*13-BGA153				SD021-xx-xx	IO电压不支持3.3V
	8G	SDIN9DS2-8G	v5.0	TLC/1Ynm	11.5*13-BGA153		-25~+85		SD022-xx-xx	IO电压不支持3.3V
	32G	SDINADF4-32G-H	v5.1	TLC/15nm	11.5*13-BGA153		-25~+85	S/T	SD023-xx-xx	IO电压不支持3.3V
	16G	SDINADF4-16G-H	v5.1	TLC/15nm	11.5*13-BGA153		-25~+85		SD024-xx-xx	IO电压不支持3.3V
	8G	SDIN8DE1-8G-XI	v4.51	MLC/1xnm	11.5*13-BGA153	I	-40 ~ +85		SD025-xx-xx	Industrial
	8G	SDIN8DE2-8G-XA	v4.51	MLC/1xnm	11.5*13-BGA153	A3	-40 ~ +85		SD026-xx-xx	Automotive
	8G	SDIN8DE1-8G-I	v4.51	MLC/1xnm	11.5*13-BGA153	I	-40 ~ +85	S/T	SD027-xx-xx	
	8G	SDIN8DE2-8G-A	v4.51	MLC/1xnm	11.5*13-BGA153	A3	-40 ~ +85	S/T	SD028-xx-xx	
	8G	SDINBDG4-8G	v5.1	MLC/1znm	11.5*13-BGA153			S/T	SD029-xx-xx	
	8G	SDINBDG4-8G-B	v5.1	MLC/1znm	11.5*13-BGA153				SD029-xx-xx	同SDINBDG4-8G, 差异是 - B包含两家封装测试厂的出货 (SDSS + PTI)
	16G	SDINBDG4-16G	v5.1	MLC/1znm	11.5*13-BGA153			S/T	SD030-xx-xx	
	32G	SDINBDG4-32G	v5.1	MLC/1znm	11.5*13-BGA153			S/T	SD035-xx-xx	
	64G	SDINBDG4-64G	v5.1	MLC/1znm	11.5*13-BGA153			S/T	SD036-xx-xx	
	16G	SDINBDG4-16G	v5.1	MLC/1znm	11.5*13-BGA153				SD037-xx-xx	
	32G	SDINBDG4-32G	v5.1	MLC/1znm	11.5*13-BGA153				SD038-xx-xx	
	16G	SDINADF4-16G-H	v5.1		11.5*13-BGA153				SD039-xx-xx	
	32G	SDINADF4-32G-H	v5.1		11.5*13-BGA153			S/T	SD040-xx-xx	
	32G	SDINBDA4-32G	v5.1	3D TLC	11.5*13-BGA153			S/T	SD042-xx-xx	
	64G	SDINBDA4-64G	v5.1	3D TLC	11.5*13-BGA153			S/T	SD043-xx-xx	
	16G	SDINBDG4-16G-XA	v5.1	MLC	11.5*13-BGA153	A3	-40 ~ +85	S/T	SD041-A-xx-xx	
	16G	SDINBDA6-16G	v5.0			I	-40 ~ +85			
	4G	3EA28-JW878 (MTFC4GLWAM-WT)	v4.5		11.5*13-BGA153			S/T	MM001-xx-xx	EOL
	8G	3CA28-JW879 (MTFC8GLWAM-WT)	v4.5		11.5*13-BGA153			S/T	MM002-xx-xx	EOL

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Micron	4G	1UA18-JW729 (MTFC4GMTEA-WT)	v4.41		11.5*13-BGA153				MM004-xx-xx	EOL
	8G	2GA28-JW686 (MTFC8GLSEA-IT)	v4.41		11.5*13-BGA153				MM005-xx-xx	EOL
	8G	3ZA28-JWA48 (MTFC8GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153		-30 ~ +85	S/T	MM006-xx-xx	
	4G	3ZA28-JWA49 (MTFC4GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153		-30 ~ +85	S/T	MM007-xx-xx	
	8G	5QA27-JY995 (MTFC8GAKAJCN-1WMT)	v5.0	MLC	11.5*13-BGA153			S/T	MM008-xx-xx	
	4G	6FA27-JY976 (MTFC4GAKAJCN-1MWT)	v5.0	MLC	11.5*13-BGA153			S/T	MM011-xx-xx	
	16G	6FA28-JWB74 (MTFC16GAKAEC-N-2MWT)	v5.0	MLC	11.5*13-BGA153			S/T	MM010-xx-xx	
	32G	5SA28-JWB79 (MTFC32GAKAEC-N-3MWT)	v5.0	MLC	11.5*13-BGA153			S/T	MM009-xx-xx	
	64G	MTFC64GANALAM-WT	v5.1							
	4G	THGBM5G5A1JB AIR	v4.5	MLC/19nm	11.5*13-BGA153			S/T	TB001-xx-xx	EOL
	8G	THGBM5G6A2JB AIR	v4.5	MLC/19nm	11.5*13-BGA153			S/T	TB002-xx-xx	EOL
	16G	THGBMAG7A2JB AIR	v4.5	19nm	11.5*13-BGA153			S/T	TB003-00-01	EOL
	4G	THGBMAG5A1JB AIR	v4.5	MLC/19nm	11.5*13-BGA153			S/T	TB004-xx-xx	EOL
	16G	THGBMBG7D4KB AIR	v5.0	A19nm	11.5*13-BGA153			S/T	TB005-xx-xx	EOL
	32G	THGBMBG8D4KB AIR	v5.0	MLC/A19nm	11.5*13-BGA153			S/T	TB006-xx-xx	EOL
	8G	THGBMBG6D1KB AIL	v5.0	MLC/A19nm	11.5*13-BGA153			S/T	TB007-xx-xx	EOL
	16G	THGBMBG7D2KB AIL	v5.0	MLC/A19nm	11.5*13-BGA153			S/T	TB008-xx-xx	EOL
	16G	THGBM5G7A2JB AIM	v5.0		11.5*13-BGA153			S/T	TB009-xx-xx	

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Toshiba	32G	THGBM5G8A4JB AIM	v5.0		11.5*13-BGA153			S/T	TB010-xx-xx	
	16G	THGBM6G7T2JB AIM	v4.41		11.5*13-BGA153			S/T	TB011-xx-xx	
	8G	THGBM6G6T1JB AIR	v4.41		11.5*13-BGA153			S/T	TB013-xx-xx	
	16G	THGBM5G7A2JB AIR	v4.5	MLC/19nm	11.5*13-BGA153			S/T	TB012-xx-xx	EOL
	16G	THGBMFG7C1LB AIL	v5.0	MLC/15nm	11.5*13-BGA153			S/T	TB014-xx-xx	
	4G	THGBMBG5D1KB AIL	v5.0	MLC/A19nm	11.5*13-BGA153		-25~+85	S/T	TB015-xx-xx	
	32G	THGBMFG8C2LB AIL	v5.0	MLC/15nm	11.5*13-BGA153			S/T	TB017-xx-xx	
	8G	THGBMFG6C1LB AIL	v5.0	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB018-xx-xx	
	4G	THGBMDG5D1LB AIL	v5.1	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB020-xx-xx	
	8G	THGBMHG6C1LB AIL	v5.1	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB019-xx-xx	
	16G	THGBMHG7C1LB AIL	v5.1	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB021-xx-xx	
	32G	THGBMHG8C2LB AIL	v5.1	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB022-xx-xx	
	64G	THGBMHG9C4LB AIL	v5.1	MLC/15nm	11.5*13-BGA153		-25~+85	S/T	TB023-xx-xx	
	16G	THGBMAG7C2LB AW7	v5.1	MLC/15nm	11.5*13-BGA153	I	-40 ~ +85	S/T	TB024-I-xx-xx	
	16G	THGBMHG7C2LB AAR	v5.1	MLC/15nm	11.5*13-BGA153	A3	-40 ~ +85	S/T	TB026-A-xx-xx	
	8G	THGBMHG6C1LB AWL	v5.1	MLC		I	-40 ~ +85	S/T		
	16G	THGBMHG7C2LB AW7	v5.1		11.5*13-BGA153	I	-40 ~ +85	S/T		
	4G	THGBMNG5D1LB AIL	V5.0	MLC/15nm	11.5*13-BGA153			S/T	TB028-xx-xx	
	8G	THGBMHG6C1LB AW6	v5.1	MLC		I	-40 ~ +85	S/T		
	4G	H26M31003GMR	v4.51	MLC/20nm	11.5*13-BGA153				HY001-xx-xx	EOL
	8G	H26M42003GMR	v4.51	MLC/20nm	11.5*13-BGA153				HY002-xx-xx	EOL
	16G	H26M52003EQR	v4.51	MLC/20nm	12*16-BGA169			S/T	HY003-xx-xx	EOL
	8G	H26M41103HPR	v5.0	MLC/16nm	11.5*13-BGA153			S/T	HY005-xx-xx, HY005-01-xx	
	16G	H26M52103FMR	v5.0	MLC/16nm	11.5*13-BGA153			S/T	HY004-xx-xx, HY004-01-xx	
	4G	H26M31001HPR	v4.5	MLC/16nm	11.5*13-BGA153			S/T	HY007-xx-xx	EOL

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SKhynix	32G	H26M64103EMR	v5.0	MLC/16nm	11.5*13-BGA153			S/T	HY006-xx-xx	
	8G	H26M41103HPR	v5.0	MLC/16nm	11.5*13-BGA153			S/T	HY008-xx-xx	
	8G	H26T43001HPR	v5.0	TLC/16nm	11.5*13-BGA153			S/T	HY009-xx-xx	
	16G	H26T55001FPR	v5.0	TLC/16nm	11.5*13-BGA153			S/T	HY010-xx-xx	
	32G	H26T65001EMR	v5.0	TLC/16nm	11.5*13-BGA153			S/T	HY011-xx-xx	
	16G	H26M52208FPR	v5.1	MLC/16nm	11.5*13-BGA153			S/T	HY012-xx-xx	
	8G	H26M41204HPR	v5.1	MLC/16nm	11.5*13-BGA153			S/T	HY013-xx-xx	
	32G	H26M64208EMR	v5.1	MLC/16nm	11.5*13-BGA153			S/T	HY014-xx-xx	
	8G	H26M41208HPR	v5.1	MLC/16nm	11.5*13-BGA153			S/T	HY015-xx-xx	
	64G	H26M78208CMR	v5.1	MLC/16nm	11.5*13-BGA153			S/T	HY017-xx-xx	
	16G	H26M51002HPR	v5.1	3D V2 MLC	11.5*13-BGA153			S/T	HY018-xx-xx	
	32G	H26M62002GMR	v5.1	3D V2 MLC	11.5*13-BGA153			S/T	HY019-xx-xx	
	16G	H26M52208FPRI	v5.1	MLC/1ynm	11.5*13-BGA153	I	-40 ~ +85	S/T	HY021-I-xx-xx	eMMC not support
	16G	H26M51002KPR	v5.1		11.5*13*0.8-BGA153				HY023-xx-xx	eMMC not support
	32G	H26M62002JPR	v5.1		11.5*13*0.8-BGA153				HY024-xx-xx	eMMC not support
	8G	H26M41208HPRI	v5.1	1ynm/MLC	11.5*13-BGA153	I	-40 ~ +95	S/T	HY020-I-xx-xx	
Kingston	32G	H26M41208EMR A	v5.1	1ynm/MLC	11.5*13-BGA153	A3	-40 ~ +95		HY022-A-xx-xx	
	4G	KE44B26BN	v4.41		12*16-BGA169				KS001-xx-xx	EOL
	8G	KE4CV3H5A	v4.41		11.5*13-BGA153			S/T	KS002-xx-xx	EOL
	16G	KE4CV4H5A	v4.41		11.5*13-BGA153			S/T	KS003-xx-xx	EOL
	8G	KE4CN3K6A	v4.5		12*16-BGA169			S/T	KS004-xx-xx	EOL
	4G	KE4CN2H5A	v4.5		11.5*13-BGA153			S/T	KS005-xx-xx	EOL
	16G	KE4CN4K6A	v4.5		12*16-BGA169				KS006-xx-xx	EOL
	16G	EMMC16G-V100	v5.0		11.5*13-BGA153			S/T	KS008-xx-xx	EOL
	8G	EMMC08G-V100	v5.0		11.5*13-BGA153			S/T	KS007-xx-xx	EOL
	8G	EMMC08G-M325	v5.1	MLC/15nm	11.5*13-BGA153			S/T	KS010-xx-xx	
	8G	EMMC08G-T227	v5.0	TLC/15nm	11.5*13-BGA153			S/T	KS011-xx-xx	Date code greater than 1627 (1st Jul)
	32G	EMMC32G-T527	v5.0	TLC/15nm	11.5*13-BGA153			S/T	KS013-xx-xx, KS013-01-xx	EOL, Date code greater than 1627 (1st Jul)
	16G	EMMC16G-T527	v5.0	TLC/15nm	11.5*13-BGA153			S/T	KS012-xx-xx, KS012-01-xx	EOL, Date code greater than 1627 (1st Jul)
	16G	EMMC16G-M525	v5.1	MLC/15nm	11.5*13-BGA153			S/T	KS009-xx-xx	
	4G	EMMC04G-M627	v5.1	MLC/15nm	11.5*13-BGA153				KS014-xx-xx	Date code greater than 1627 (1st Jul)
	8G	EMMC08G-M728	v5.0	3D MLC	11.5*13-BGA153			S/T	KS018-xx-xx	
	16G	EMMC16G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	I	-40 ~ +85	S/T	KS015-xx-xx	Industrial
	32G	EMMC32G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	I	-40 ~ +85	S/T	KS016-xx-xx	Industrial
	64G	EMMC64G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	I	-40 ~ +85	S/T	KS017-xx-xx	Industrial
	16G	EMMC16G-TB28	v5.1	3D TLC	11.5*13-BGA153			S/T	KS019-xx-xx	
	32G	NCFEH58-32G	V4.51	MLC/16nm	11.5*13.5-BGA153				FS012-xx-xx	EOL
	8G	NCFSES78-08G	SD 2.0	TLC/21nm	11.5*13.5-BGA153				FS011-xx-xx	EOL

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FORESEE	16G	NCFEH58-16G	V4.51	MLC/16nm	11.5*13.5-BGA153				FS013-xx-xx	EOL
	4G	NCFES88-04G	v4.51	TLC/21nm	11.5*13.5-BGA153				FS008-xx-xx	EOL
	8G	NCFES78-08G	v4.51	TLC/21nm	11.5*13.5-BGA153				FS009-xx-xx	EOL
	8G	NCFESA8-08G	SD 2.0	TLC/19nm	11.5*13.5-BGA153				FS010-xx-xx, FS010-01-xx	fSD, EOL
	16G	NCFBS98-16G	v4.5	TLC/19nm	12*16-BGA169				FS019-xx-xx	注1
	4G	NCFEM48-04G	v4.5	MLC/20nm	11.5*13.5-BGA153				FS016-xx-xx, FS016-01-xx	
	16G	NCEMAH59-16G	v5.0	MLC/16nm	11.5*13-BGA153			S/T	FS017-xx-xx	
	32G	NCEMAH59-32G	v5.0	MLC/16nm	11.5*13-BGA153			S/T	FS018-xx-xx	
	16G	NCEMBS99-16G	v5.0	TLC/19nm	12*16-BGA169				FS014-xx-xx	
	32G	NCEMBS99-32G	v5.0	TLC/19nm	12*16-BGA169				FS015-xx-xx	
	8G	NCEFAT28-08G	v4.51	TLC/19nm	11.5*13-BGA153				FS021-xx-xx	注1
	32G	NCEMBSF9-32G	v5.0	TLC/16nm	12*16-BGA169				FS022-xx-xx	
	16G	NCEMBSF9-16G	v5.0	TLC/16nm	12*16-BGA169				FS023-xx-xx	
	8G	NCEMASD9-08G	v5.0	TLC/16nm	11.5*13-BGA153			S/T	FS025-xx-xx	仅支持PRV版本4.3及之后版本
	16G	NCEMBD39-16G	v5.0	MLC/15nm	12*16-BGA169				FS026-xx-xx	
	16G	NCEMAD6B-16G	v5.1	TLC/15nm	11.5*13-BGA153			S/T	FS027-xx-xx	
	8G	NCEMAD7B-08G	v5.0	TLC/15nm	11.5*13-BGA153			S/T	FS028-xx-xx	
	8G	NCEMAM6G-08G	v5.1	MLC/16nm	11.5*13-BGA153			S/T	FS029-xx-xx	
	16G	NCEMASKG-16G	v5.1	TLC/14nm	11.5*13-BGA153			S/T	FS030-xx-xx	
	32G	FSEWASLG-32G	v5.1		11.5*13-BGA153	I	-40 ~ +85	S/T	FS031-I-xx-xx	
	16G	NCEMAD99-16G	v5.0		11.5*13-BGA153			S/T	FS032-xx-xx	
	32G	NCEMASLD-32G	v5.1		11.5*13.5-BGA153	C	-25 ~ +85	S/T	FS033-xx-xx	
	16G	NCEMAD9D-16G	v5.1		11.5*13.5-BGA153			S/T		
	32G	FSEIASLD-32G	v5.1		11.5*13.5-BGA153		-25~+85	S/T		
	8G	NCEMAD9D-8G	v5.1		11.5*13.5-BGA153			S/T		
AcSip	8G	NCMMCS08G	v4.5		12*16-BGA169				AS001-xx-xx	
	16G	NCMMCS16G	v4.5		12*16-BGA169			S/T	AS002-xx-xx	
AVEXIR	16G	AVEC016G-FA6	v4.5		11.5*13-BGA153			S/T	AVE002-xx-xx	
EUDAR	8G	EMS1ASCBT1FC0	v4.51		11.5*13-BGA153				EUD001-xx-xx	
	16G	EMS1ASCBT2FC0	v4.51		11.5*13-BGA153				EUD001-xx-xx	
	16G	EMB1CTTD41FC0	v5.1		11.5*13-BGA153			S/T		
	32G	EMB1CTTD51FC0	v5.1		11.5*13-BGA153			S/T		
Barun	4G	BEM04M5B50XA	v4.51	MLC/20nm	11.5*13-BGA153				BR001-xx-xx	EOL
	4G	BEM04S2B60XA	v4.51	TLC/19nm	11.5*13-BGA153				BR002-xx-xx	EOL
	8G	BEM08S1B60XA	v4.51	TLC/19nm	11.5*13-BGA153				BR003-xx-xx	EOL
	16G	BSB16GCDRS4E	v4.51	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	BR007-xx-xx	
	8G	BSB08GCDRS4E	v4.51	TLC/16nm	11.5*13-BGA153		-25~+85	S/T	BR008-xx-xx	
	16G	BTA16GCFHAEET	v5.1	TLC/15nm	11.5*13-BGA153					
Ramaxel	16G	REMKDM316GD	v5.0	MLC	11.5*13-BGA153			S/T	RX003-xx-xx	
	8G	REMKDM308GSB	v5.0	MLC	11.5*13-BGA153			S/T	RX004-xx-xx	
	16G	REMSAT416GDB	v5.0	TLC/A19nm	11.5*13-BGA153			S/T	RX005-xx-xx	
	8G	REMSAT408GSBB	v5.0	TLC/A19nm	11.5*13-BGA153			S/T	RX006-xx-xx	
	8G	REMPBT808GSB	v5.0	TLC/15nm	11.5*13-BGA153			S/T	RX007-xx-xx	
	16G	REMPBT716GSB	v5.0	TLC/15nm	11.5*13-BGA153			S/T	RX008-xx-xx	

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Spansion	8G	40410081B1B1W	v4.51	MLC	11.5*13-BGA153		-25~+85	S/T	SPA001-xx-xx	
	16G	40410161B1B1W	v4.51	MLC	11.5*13-BGA153		-25~+85	S/T	SPA002-xx-xx	
Gigadevice	8G	GD9E8M00YNI	v5.0	MLC	11.5*13-BGA153			S/T		
	8G	GD9E8M00YNI	v5.0	MLC	11.5*13-BGA153			S/T	GG002-xx-xx	
	4G	GD9E4M00YNI	v5.0	MLC	11.5*13-BGA153			S/T	GG003-xx-xx	
	8G	GD9E8T00GNM-	v5.1	TLC/T16nm	11.5*13-BGA153			S/T	GG004-xx-xx	
	4G	MC1M04M1L3A	v4.51	MLC	11.5*13-BGA153			S/T	FDI002-xx-xx	
FDI	8G	MC1M08M2L3A	v4.51	MLC	11.5*13-BGA153			S/T	FDI003-xx-xx	
	16G	MC1M16M4L3A	v4.51	MLC	11.5*13-BGA153			S/T	FDI004-xx-xx	
SiS	8G	TC008000AA	v5.0	TLC/S16nm	11.5*13-BGA153			S/T	SiS004-01-xx	Don't support when EXT_CSD[261:254]=0x4 4010000000
	8G	MC008000AA	v5.0	MLC/H16nm	11.5*13-BGA153			S/T	SiS001-xx-xx	
	16G	MC016000AA	v5.0	MLC/H16nm	11.5*13-BGA153			S/T	SiS002-xx-xx	
	32G	MC032000AA	v5.0	MLC/H16nm	11.5*13-BGA153			S/T	SiS003-xx-xx	
Dosilicon	16G	FMR16C1D0A-SB	v5.0	H3D V2 MLC	11.5*13-BGA153			S/T	DS001-xx-xx	
JSC	32G	JSMC32B0A2HY AEA	v5.0	H3D V2 MLC	11.5*13-BGA153			S/T	JSC001-xx-xx	
	16G	JSMC16A0A2HY AEA	v5.0	H3D V2 MLC	11.5*13-BGA153			S/T	JSC002-xx-xx	
ESSENORE	8G	I3E-8GTH7CMRE	v5.0	MLC/T16nm	11.5*13-BGA153			S/T	ESC001-xx-xx	
EOREX	32G	EMMF5BA-032G	v5.1		11.5*13-BGA153			S/T		
Biwin	8G	BWCTASC11G08 G	V5.0		9*11-BGA153			S/T	BW005-01-xx	
MXIC	8G	MX52LM08A11X VI	V5.1	MLC	11.5*13-BGA153		-40 ~ +85		BW005-01-xx	
TOPDISK	16G	A121-16G	V5.1		11.5*13-BGA153			S/T		
	32G	A132-32G	V5.1		11.5*13-BGA153			S/T	BW005-01-xx	
UnilC	32G	UNMEN05GC1C3 1AS	v5.1	3D TLC	11.5*13-BGA153	C	-25 ~ +85	S/T		
	64G	UNMEN06GC2C3 1AS	v5.1	3D TLC	11.5*13-BGA153	C	-25 ~ +85	S/T	BW005-01-xx	
Artem	8G	AT70B08GT05C	v5.1	2D TLC/15nm	11.5*13-BGA153					非工业
	16G	AT70B16G4T02C	v5.1	3D TLC/Bics3	11.5*13-BGA153					非工业
	16G	AT70B16G4T05C	v5.1	3D TLC/Bics3	11.5*13-BGA153					非工业
	32G	AT70B32GT01C	v5.1	3D TLC/Bics3	11.5*13-BGA153					非工业
	64G	AT70B64GT01C	v5.1	3D TLC/Bics3	11.5*13-BGA153					非工业

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	16G	AT70B16G3S02C	v5.1	2D MLC/K9GDDG D8U0B	11.5*13-BGA153		S/T		非工业
	32G	AT70B32G3S01C	v5.1	3D TLC/K9AFGD 8H0A	11.5*13-BGA153		S/T		非工业
ISOCOM	32G	MEMA032G- M0S00	v5.1		11.5*13-BGA153	-25 ~ +85	S/T		测试温度: -20~60
SCY	32G	E32GDDE11ABE0 0	v5.1	TLC	11.5*13-BGA153	-25 ~ +85	S/T		测试温度: -10~60

注1: 支持该eMMC需要将各环节MMC驱动更新到最新, 并修改sys_config.fex让该eMMC工作在SDR模式下。

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