



*Allwinner Technology*  
**Nand Flash Support List**  
**V1.71**



- Note Introduction

Note	Description
D/S	Datasheet Support but no sample test
S/T	Support and sample test
√	Support and mass produce
X	Not support



- Attention

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

IC	Nand Version	SDK Version	Nand_patch
A23	V2.1b	Android4.2-V2.0	A23_Android4.2_V2.0_Android4.4_V1.0&V2.0_nand&emmc_patch_20140801.tar.gz
		Android4.4-V1.0	
		Android4.4-V2.0	
A31(s)	V2.19	Android4.4	A31(s)_Android4.4_V4.4&V4.5&V4.6_nand2.0&emmc_patch_20140825.tar.gz
	V2.19	Android4.2	A31(s)_Android4.2_V3.0&V3.2&V3.3_nand2.0&emmc_patch_20140923.tag.gz
A33	V2.1b	A33_Android4.4.2_V1.0	no
A80T	V2.1c	A80_Android4.4.2_V1.0	no
A83T	V2.1b	A83_Android4.4.2_V0.9rc1	no



• Support List

Vendor	Capacity	Part Number	CE NUM	PROCESS (nm)	PACKAGE	A10	A13	A10S	A20	A23	A31(S)	A80	A33	A83	R58	R16	A64	Remark
						V2.16	V2.16	V2.16	V2.17	V2.1b	V2.19	V2.1c	V2.1b	V2.1b	V2.1b	V2.1b	V2.25	
Samsung	4G	K9GBG08U0A	1	27	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	K9GBGD8U0A	1	27	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	K9GBG08U0B	1	21	TSOP48	✓	✓	✓	✓	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	K9LCG08U0A	1	27	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	K9HDG08U1A	2	27	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	K9LCG08U0B	1	21	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
Hynix	4G	H27UBG8T2M	1	32	LGA52	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	H27UBG8T2BTR	1	26	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	H27UCG8T2MYR	1	26	LGA52	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	H27UBG8T2CTR	1	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	H27UCG8T2ATR	1	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	H27UCG8T2BYR	1	20	LGA52	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	H27UCG8T2BTR	1	20	TSOP48	✓	✓	✓	✓	✓	✓	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	H27UCG8T2ETR	1	16	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
4G	H27UBG8T2DTR	1	16	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T		
Micron	4G	MT29F32G08CBAAA	1	34	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	MT29F32G08CBABA	1	34	TSOP48	✓	✓	✓	✓	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	MT29F64G08CFAAA	2	34	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	MT29F128G08CJAAA	2	34	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	MT29F128G08CJABA	2	34	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	MT29F64G08CBAAA	1	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	MT29F32G08CBACA	1	25	TSOP48	✓	✓	✓	✓	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	



Vendor	Capacity	Part Number	CE NUM	PROCESS (nm)	PACKAGE	A10	A13	A10S	A20	A23	A31(S)	A80	A33	A83	R58	R16	A64	Remark
						V2.16	V2.16	V2.16	V2.17	V2.1b	V2.19	V2.1c	V2.1b	V2.1b	V2.1b	V2.1b	V2.25	
Micron	2G	MT29F16G08CBABA	1	34	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	2G	MT29F16G08CBACA	1	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	MT29F128G08CFAAA	2	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	MT29F64G08CBABA	1	20	TSOP48	✓	✓	✓	✓	✓	✓	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	MT29F32G08CBADA	1	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	MT29F128G08CBCAB	1	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	MT29F128G08CBECB	1	16	BGA	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	32G	MT29F256G08CJABA	2	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
Intel	8G	JS29F64G08AAME1	1	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	JS29F64G08ACME3	1	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	JS29F16B08CCME3	2	25	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	32G	JS29F32B08JCME3	4	25	TSOP48	S/T	X	X	S/T	X	S/T	S/T	X	S/T	S/T	X	X	
	8G	JS29F64G08ACMF3	1	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	JS29F16B08CCMF3	2	20	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	32G	JS29F32B08JCMF3	4	20	TSOP48	S/T	X	X	S/T	X	S/T	S/T	X	S/T	S/T	X	X	
Sandisk	8G	SDTNQGAMA-008G	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	SDTNQFAMA-004G	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	SDTNRGAMA-008G	1	A19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	SDTNQGAMA-008GP	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	SDTNQGBMB-008G	2	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	SDTNRGBMB-0016G	2	A19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	SDTNRFAMA-004GK	1	A19	TSOP48	X	X	X	X	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
Toshiba	2G	TC58NVG4D2HTA00	1	24	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	TC58NVG5D2HTA00	1	24	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	



Vendor	Capacity	Part Number	CE NUM	PROCESS (nm)	PACKAGE	A10	A13	A10S	A20	A23	A31(S)	A80	A33	A83	R58	R16	A64	Remark
						V2.16	V2.16	V2.16	V2.17	V2.1b	V2.19	V2.1c	V2.1b	V2.1b	V2.1b	V2.1b	V2.25	
Toshiba	8G	TC58NVG6D2GTA00	1	24	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	TH58NVG7D2GTA20	2	24	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	TC58TEG5DCJTA00	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	TC58NVG6DCJTA00	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	TC58TEG6DCJTA00	1	19	TSOP48	✓	✓	✓	✓	S/T	✓	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	TC58TEG6DDJTA00	1	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	TH58TEG7DCJTA20	2	19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	16G	TH58TEG7DDKTA20	2	A19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	8G	TC58TEG6DDKTA00	1	A19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	
	4G	TC58TEG5DCKTA00	1	A19	TSOP48	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	S/T	



- **Declaration**

This document is the original work and copyrighted property of Allwinner Technology (“Allwinner”). Reproduction in whole or in part must obtain the written approval of Allwinner and give clear acknowledgement to the copyright owner.

The information furnished by Allwinner is believed to be accurate and reliable. Allwinner reserves the right to make changes in circuit design and/or specifications at any time without notice. Allwinner does not assume any responsibility and liability for its use. Nor for any infringements of patents or other rights of the third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Allwinner. This datasheet neither states nor implies warranty of any kind, including fitness for any particular application.

Confidential