Allwinner Technology CO., Ltd.

Allwinner Technology

Nand Flash Support List
V1.3

Allwinner Technology CO., Ltd.

- 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	V2.15	Android4.2-V2.0 Android4.4-V1.0 Android4.4-V2.0	A23_Android4.2_V2.0_Android4.4_V1.0&V2.0_emmc&nand_patch_20140611.zip
A31(s)	V2.17	Android4.4	A31(s)_Android4.4_V4.4&V4.5&V4.6_nand2.0&emmc_patch_20140707.tar.gz
		Android4.2	A31(s)_Android4.2_V3.0&V3.2&V3.3_nand2.0&emmc_patch_20140625.tag.gz
A33	V2.19	A33_Android4.4.2_V1.0	no
A80	V2.19	A80_Android4.4.2_V1.0	no

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- ## Support List

Vendor	Capacity	Part Number	CE NUM	PROCESS (nm)	PACKAGE	A10 V2.16	A13 V2.16	A10S V2.16	A20 V2.17	A23 V2.15	A31/A31S V2.17	A80 V2.1c	A33 V2.1b	Remark
Samsung	4G	K9GBG08U0A	1	27	TSOP48					S/T	S/T	S/T	S/T	
	4G	K9GBGD8U0A	1	27	TSOP48					S/T	S/T	S/T	S/T	
	4G	K9GBG08U0B	1	21	TSOP48					S/T	S/T	S/T	S/T	
	8G	K9LCG08U0A	1	27	TSOP48					S/T	S/T	S/T	S/T	
	16G	K9HDG08U1A	2	27	TSOP48					S/T	S/T	S/T	S/T	
	8G	K9LCG08U0B	1	21	TSOP48					S/T	S/T	S/T	S/T	
Hynix	4G	H27UBG8T2M	1	32	LGA52					S/T	S/T	S/T	S/T	
	4G	H27UBG8T2BTR	1	26	TSOP48					S/T	S/T	S/T	S/T	
	8G	H27UCG8T2MYR	1	26	LGA52					S/T	S/T	S/T	S/T	
	4G	H27UBG8T2CTR	1	20	TSOP48					S/T	S/T	S/T	S/T	
	8G	H27UCG8T2ATR	1	20	TSOP48					S/T	S/T	S/T	S/T	
	8G	H27UCG8T2BYR	1	20	LGA52					S/T	S/T	S/T	S/T	
	8G	H27UCG8T2BTR	1	20	TSOP48					✓	✓	S/T	S/T	
	8G	H27UCG8T2ETR	1	16	TSOP48					S/T	S/T	S/T	S/T	
	4G	H27UBG8T2DTR	1	16	TSOP48					X	S/T	S/T	S/T	
Micron	4G	MT29F32G08CBAAA	1	34	TSOP48					S/T	S/T	S/T	S/T	
	4G	MT29F32G08CBABA	1	34	TSOP48					S/T	S/T	S/T	S/T	
	8G	MT29F64G08CFAAA	2	34	TSOP48					S/T	S/T	S/T	S/T	
	16G	MT29F128G08CJAAA	2	34	TSOP48					S/T	S/T	S/T	S/T	
	16G	MT29F128G08CJABA	2	34	TSOP48					S/T	S/T	S/T	S/T	
	8G	MT29F64G08CBAAA	1	25	TSOP48					S/T	S/T	S/T	S/T	
	4G	MT29F32G08CBACA	1	25	TSOP48					S/T	S/T	S/T	S/T	

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Vendor	Capacity	Part Number	CE NUM	PROCESS (nm)	PACKAGE	A10 V2.16	A13 V2.16	A10S V2.16	A20 V2.17	A23 V2.15	A31/A31S V2.17	A80 V2.1c	A33 V2.1b	Remark
Micron	2G	MT29F16G08CBABA	1	34	TSOP48					S/T	S/T	S/T	S/T	
	2G	MT29F16G08CBACA	1	25	TSOP48					S/T	S/T	S/T	S/T	
	16G	MT29F128G08CFAAA	2	25	TSOP48					S/T	S/T	S/T	S/T	
	8G	MT29F64G08CBABA	1	20	TSOP48					✓	✓	S/T	S/T	
	4G	MT29F32G08CBADA	1	20	TSOP48					S/T	S/T	S/T	S/T	
	16G	MT29F128G08CBCAB	1	20	TSOP48					X	S/T	S/T	S/T	
	16G	MT29F128G08CBECB	1	16	BGA					X	S/T	S/T	S/T	
	32G	MT29F256G08CJABA	2	20	TSOP48					X	S/T	S/T	S/T	
Intel	8G	JS29F64G08AAME1	1	25	TSOP48					S/T	S/T	S/T	S/T	
	8G	JS29F64G08ACME3	1	25	TSOP48					S/T	S/T	S/T	S/T	
	16G	JS29F16B08CCME3	2	25	TSOP48					S/T	S/T	S/T	S/T	
	4G	JS29F32B08JCME3	4	25	TSOP48					S/T	S/T	S/T	S/T	
	8G	JS29F64G08ACMF3	1	20	TSOP48					S/T	S/T	S/T	S/T	
	16G	JS29F16B08CCMF3	2	20	TSOP48					S/T	S/T	S/T	S/T	
	4G	JS29F32B08JCMF3	4	20	TSOP48					S/T	S/T	S/T	S/T	
Sandisk	8G	SDTNQGAMA-008G	1	19	TSOP48					S/T	S/T	S/T	S/T	
	4G	SDTNQFAMA-004G	1	19	TSOP48					S/T	S/T	S/T	S/T	
	8G	SDTNRGAMA-008G	1	A19	TSOP48					S/T	S/T	S/T	S/T	
	8G	SDTNQGAMA-008GP	1	19	TSOP48					S/T	S/T	S/T	S/T	
	16G	SDTNQGBMB-008G	2	19	TSOP48					X	S/T	S/T	S/T	
	16G	SDTNRGBMB-0016G	2	A19	TSOP48					X	S/T	S/T	S/T	
	4G	SDTNRFAMA-004GK	1	A19	TSOP48					X	X	S/T	S/T	
Toshiba	2G	TC58NVG4D2HTA00	1	24	TSOP48					S/T	S/T	S/T	S/T	
	4G	TC58NVG5D2HTA00	1	24	TSOP48					S/T	S/T	S/T	S/T	

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Toshiba	8G	TC58NVG6D2GTA00	1	24	TSOP48					S/T	S/T	S/T	S/T	
	16G	TH58NVG7D2GTA20	2	24	TSOP48					S/T	S/T	S/T	S/T	
	4G	TC58TEG5DCJTA00	1	19	TSOP48					S/T	S/T	S/T	S/T	
	8G	TC58NVG6DCJTA00	1	19	TSOP48					S/T	S/T	S/T	S/T	
	8G	TC58TEG6DCJTA00	1	19	TSOP48					S/T	✓	S/T	S/T	
	8G	TC58TEG6DDJTA00	1	19	TSOP48					S/T	S/T	S/T	S/T	
	16G	TH58TEG7DCJTA20	2	19	TSOP48					S/T	S/T	S/T	S/T	
	16G	TH58TEG7DDKTA20	2	A19	TSOP48					S/T	S/T	S/T	S/T	
	8G	TC58TEG6DDKTA00	1	A19	TSOP48					S/T	S/T	S/T	S/T	
	4G	TC58TEG5DCKTA00	1	A19	TSOP48					X	S/T	S/T	S/T	

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