

Allwinner Technology CO., Ltd.

Allwinner Technology
eMMC/tSD/fSD Support List
V1.0 (H3)

2015-1-13

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

Allwinner Technology CO., Ltd.

- 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-v1.0	NO

Confidential

Allwinner Technology CO., Ltd.

• Support List

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Proce ss	Pkg Size (mm)	H3		Remark
						V1.01		
Samsung	8G	KLM8G1WE4A-A001	v4.41		12*16-BGA169	S/T		
	16G	KLMAG2WE4A-A001	v4.41		12*16-BGA169	S/T		
	4G	KLM4G1FE3B-B001	v4.41		11.5*13-BGA153			
	4G	KLM4G1YEMD-B031	v5.0	TLC/19nm	11.5*13-BGA153	S/T		
	8G	KLM8G1WEMB-B031	v5.0	TLC/19nm	11.5*13-BGA153	S/T		
	16G	KLMAG2WEMB-B031	v5.0	TLC/19nm	11.5*13-BGA153	S/T		
	32G	KLMBG4WEBC-B031	v5.0	TLC/19nm	11.5*13-BGA153			
	16G	KLMAG2GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153	S/T		
	8G	KLM8G1GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153	S/T		
	4G	KLM4G1FEAC-B031	v5.0	MLC/19nm	11*10-BGA153	S/T		
	32G	KLMBG4GEAC-B031	v5.0	MLC/19nm	11.5*13-BGA153	S/T		
	32G	KLMBG4GE2A-A001	V4.5	MLC	12*16-BGA169	S/T		
Sandisk	8G	SDIN7DP2-8G	v4.5		11.5*13-BGA153	S/T		
	16G	SDIN7DU2-16G	v4.41		11.5*13-BGA153	S/T		
	4G	SDIN7DP2-4G	v4.5		11.5*13-BGA153	S/T		
	8G	SDIN8DE1-8G	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	8G	SDIN8DE2-8G	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	8G	SDIN8DR1-8G	v4.51	TLC/1Ynm	11.5*13-BGA153	S/T		
	16G	SDIN8DR1-16G	v4.51	TLC/1Ynm	11.5*13-BGA153	S/T		
	4G	SDIN8DE2-4G	v4.51	MLC/19nm	11.5*13-BGA153	S/T		
	16G	SDIN7DP4-16G	V4.51	MLC	11.5*13-BGA153	D/S		
	16G	SDIN8DE4-16G	v4.51	MLC/19nm	11.5*13-BGA153	S/T		
	16G	SDIN8DE2-16G	v4.51	MLC/19nm	11.5*13-BGA153	S/T		
	32G	SDIN8DE4-32G	v4.51	MLC/19nm	11.5*13-BGA153	S/T		
	16G	SDIN9DW4-16G	v5.0	MLC/19nm	11.5*13-BGA153	S/T		
	32G	SDIN9DW4-32G	v5.0	MLC/19nm	11.5*13-BGA153	S/T		
Micron	4G	3EA28-JW878 (MTFC4GLWAM-WT)	v4.5		11.5*13-BGA153	S/T		
	8G	3CA28-JW879 (MTFC8GLWAM-WT)	v4.5		11.5*13-BGA153	S/T		
	4G	1UA18-JW729 (MTFC4GMTEA-WT)	v4.41		11.5*13-BGA153	S/T		
	8G	2GA28-JW686 (MTFC8GLSEA-IT)	v4.41		11.5*13-BGA153	S/T		
	8G	3ZA28-JWA48 (MTFC8GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153	S/T		

Allwinner Technology CO., Ltd.

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Procs	Pkg Size (mm)	H3 V1.01		Remark
	4G	3ZA28-JWA49 (MTFC4GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153	S/T		
Toshiba	4G	THGBM5G5A1JBAIR	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	8G	THGBM5G6A2JBAIR	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	16G	THGBMAG7A2JBAIR	v4.5		11.5*13-BGA153	S/T		
	4G	THGBMAG5A1JBAIR	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	16G	THGBMBG7D4KBAIR	v5.0		11.5*13-BGA153	S/T		
	32G	THGBMBG8D4KBAIR	v5.0	MLC/A19nm	11.5*13-BGA153	S/T		
	8G	THGBMBG6D1KBAIL	v5.0	MLC/A19nm	11.5*13-BGA153	S/T		
	16G	THGBMBG7D2KBAIL	v5.0	MLC/A19nm	11.5*13-BGA153	S/T		
SKhynix	16G	THGBM5G7A2JBAIR	v4.5	MLC/19nm	11.5*13-BGA153	S/T		
	4G	H26M31003GMR	v4.51	MLC/20nm	11.5*13-BGA153	S/T		
	8G	H26M42003GMR	v4.51	MLC/20nm	11.5*13-BGA153	S/T		
	16G	H26M52003EQR	v4.51	MLC/20nm	12*16-BGA169	S/T		
	8G	H26M41103HPR	v5.0	MLC/16nm	11.5*13-BGA153	S/T		
	16G	H26M52103FMR	v5.0	MLC/16nm	11.5*13-BGA153	S/T		
	4GB	H26M31001HPR	v4.5	MLC/16nm	11.5*13-BGA153			
Kingston	32GB	H26M64103EMR	v5.0	MLC/16nm	11.5*13-BGA153			
	4G	KE44B26BN	v4.41		12*16-BGA169			
	8G	KE4CV3H5A	v4.41		11.5*13-BGA153	S/T		
	16G	KE4CV4H5A	v4.41		11.5*13-BGA153			
	8G	KE4CN3K6A	v4.5		12*16-BGA169	S/T		
	4G	KE4CN2H5A	v4.5		11.5*13-BGA153			
	16G	KE4CN4K6A	v4.5		12*16-BGA169	S/T		
	16G	EMMC16G-V100	v5.0		11.5*13-BGA153			
	8G	EMMC08G-V100	v5.0		11.5*13-BGA153			
FORESEE	8GB	EMMC08G-S100	v5.0		11.5*13-BGA153			
	4G	NCTSTS86-04G	SD 2.0		12*20-TSOP48	S/T		tSD
	8G	NCTSTS76-08G	SD 2.0		12*20-TSOP48	S/T		tSD
	8G	NCEFES76-08G	v4.41		11.5*13.5-BGA153	S/T		
	16G	NCEFES76-16G	v4.41		11.5*13.5-BGA153	S/T		
	4G	NCFSES86-04G	SD 2.0		11.5*13.5-BGA153	S/T		fSD
	8G	NCFSES76-08G	SD 2.0		11.5*13.5-BGA153	S/T		fSD
	4G	NCEFES76-04G	v4.41		11.5*13.5-BGA153	S/T		
	32G	NCEFEH58-32G	V4.51		11.5*13.5-BGA153			
	8G	NCFSES78-08G	SD 2.0		11.5*13.5-BGA153			
	16G	NCEFEH58-16G	V4.51		11.5*13.5-BGA153			
	4G	NCEFES88-04G	v4.51		11.5*13.5-BGA153			
	8G	NCEFES78-08G	v4.51		11.5*13.5-BGA153	S/T		

Allwinner Technology CO., Ltd.

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Process	Pkg Size (mm)	H3 V1.01		Remark
	8G	NCFSESA8-08G	SD 2.0		11.5*13.5-BGA153	S/T		fSD
BIWIN	8G	BWAMGTB11A08G	v4.51		12*16-BGA169	S/T		
	16G	BWAMGTB21A16G	v4.51		12*16-BGA169	S/T		
AcSip	8G	NCMMCS08G	v4.5		12*16-BGA169			
	16G	NCMMCS16G	v4.5		12*16-BGA169	S/T		
AVEXIR	16G	AVEC016G-FA6	v4.5		11.5*13-BGA153			
Skymedi	4G	SP18A4G751B-0003	V5.0		11.5*13-BGA153			
	8G	SP18A8G752B-0003	V5.0		11.5*13-BGA153			
EUDAR	8GB	EMS1ASCBT1FC008	v4.51		11.5*13-BGA153			
	16G	EMS1ASCBT2FC016	v4.51		11.5*13-BGA153			

Allwinner Technology CO., Ltd.

• 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