Allwinner Technology

V833 eMMC Support List

V1.2

• **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 V833 eMMC Flash Support List v1.2**

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Process	Pkg Size (mm)	V833 linux 4.9 V1.01	Remark
Samsung	16G	KLMAG2GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		
	32G	KLMBG4GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		
	8G	KLM8G1WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153		
	16G	KLMAG2WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153		
	32G	KLMBG4WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153		
	64G	KLMCG8GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		
	8G	KLM8G1GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153		
	64G	KLMCG8WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153		
	4G	KLM4G1FEPD-B031	v5.0	MLC/16nm	11*10-BGA153		
	8G	KLM8G1GEME-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	8G	KLM8G1GETF-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	16G	KLMAG1JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	16G	KLMAG1JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	32G	KLMBG2JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	32G	KLMBG2JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	64G	KLMCG4JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	64G	KLMCG4JETD-B041	v5.1	MLC/14nm	11.5*13-BGA153		
	8G	KLM8G1GESD-B04P（车规）	v5.1	MLC/16nm	11.5*13-BGA153		
	16G	KLMAG2GESD-B04P（车规）	v5.1	MLC/16nm	11.5*13-BGA153		
	8G	KLM8G1GEUF-B04P	v5.1		11.5*13-BGA153	S/T	
	16G	KLMAG2GEUF-B04P	v5.1		11.5*13-BGA153	S/T	
	32G	KLM4G1FETE-B041	v5.1		11*10-BGA153		
	8G	SDIN7DP2-8G	v4.5		11.5*13-BGA153		
	16G	SDIN7DU2-16G	v4.41		11.5*13-BGA153		

	4G	SDIN7DP2-4G	v4.5		11.5*13-BGA153		
	8G	SDIN8DE1-8G	v4.5	MLC/19nm	11.5*13-BGA153		
	8G	SDIN8DE2-8G	v4.5	MLC/19nm	11.5*13-BGA153	**S/T**	**EOL**
	8G	SDIN7DU2-8G	v4.41		11.5*13-BGA153	**S/T**	**EOL**
	8G	SDIN8DR1-8G	v4.51	TLC/1Ynm	11.5*13-BGA153		
	16G	SDIN8DR1-16G	v4.51	TLC/1Ynm	11.5*13-BGA153		
	4G	SDIN8DE2-4G	v4.51	MLC/19nm	11.5*13-BGA153		
	16G	SDIN7DP4-16G	V4.51	MLC	11.5*13-BGA153		
	16G	SDIN8DE4-16G	v4.51	MLC/19nm	11.5*13-BGA153		
	16G	SDIN8DE2-16G	v4.51	MLC/19nm	11.5*13-BGA153		
	32G	SDIN8DE4-32G	v4.51	MLC/19nm	11.5*13-BGA153	**S/T**	**EOL**
	16G	SDIN9DW4-16G	v5.0	MLC/19nm	11.5*13-BGA153		
	32G	SDIN9DW4-32G	v5.0	MLC/19nm	11.5*13-BGA153		
Sandisk	64G	SDIN9DW4-64G	v5.1	MLC/20nm	11.5*13-BGA154		
	8G	SDIN8DE1-8G-I	v4.51	MLC/1xnm	11.5*13-BGA153		
	8G	SDIN8DE2-8G-A	v4.51	MLC/1xnm	11.5*13-BGA153		
	8G	SDINBDG4-8G	v5.1	MLC/1znm	11.5*13-BGA153	**S/T**	
	8G	SDINBDG4-8G-B	v5.1	MLC/1znm	11.5*13-BGA153		
	16G	SDINBDG4-16G	v5.1	MLC/1znm	11.5*13-BGA153		
	32G	SDINBDG4-32G	v5.1	MLC/1znm	11.5*13-BGA153		
	64G	SDINBDG4-64G	v5.1	MLC/1znm	11.5*13-BGA153		
	16G	SDINBDG4-16G-H	v5.1	MLC/1znm	11.5*13-BGA153		
	32G	SDINBDG4-32G-H	v5.1	MLC/1znm	11.5*13-BGA153		
	16G	SDINADF4-16G-H	v5.1		11.5*13-BGA153		
	32G	SDINADF4-32G-H	v5.1		11.5*13-BGA153		
	32G	SDINBDA4-32G	v5.1	3D TLC	11.5*13-BGA153	**S/T**	
	64G	SDINBDA4-64G	v5.1	3D TLC	11.5*13-BGA153		
	16G	SDINBDG4-16G-XA（车规）	v5.1	MLC	11.5*13-BGA153		
	8G	3ZA28-JWA48 (MTFC8GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153		

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	4G	3ZA28-JWA49 (MTFC4GACAAEA-WT)	v4.51	MLC	11.5*13-BGA153		
Micron	8G	5QA27-JY995 (MTFC8GAKAJCN-1WMT)	v5.0	MLC	11.5*13-BGA153		
	4G	6FA27-JY976 (MTFC4GACAJCN-1MWT)	v5.0	MLC	11.5*13-BGA153		
	16G	6FA28-JWB74 (MTFC16GAKAECN-2MWT)	v5.0	MLC	11.5*13-BGA153	S/T	
	32G	5SA28-JWB79 (MTFC32GAKAECN-3MWT)	v5.0	MLC	11.5*13-BGA153	S/T	
Toshiba	16G	THGBM5G7A2JBAIM	v5.0		11.5*13-BGA153		
	32G	THGBM5G8A4JBAIM	v5.0		11.5*13-BGA153		
	16G	THGBM6G7T2JBAIM	v4.41		11.5*13-BGA153		
	8G	THGBM6G6T1JBAIR	v4.41		11.5*13-BGA153		
	16G	THGBMFG7C1LBAIL	v5.0	MLC/15nm	11.5*13-BGA153		
	4G	THGBMBG5D1KBAIL	v5.0	MLC/A19nm	11.5*13-BGA153		
	32G	THGBMFG8C2LBAIL	v5.0	MLC/15nm	11.5*13-BGA153		
	8G	THGBMFG6C1LBAIL	v5.0	MLC/15nm	11.5*13-BGA153		
	4G	THGBMDG5D1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153		
	8G	THGBMHG6C1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153		
	8G	THGBMHG6C1LBAWL	v5.1	MLC	11.5*13-BGA153	S/T	
	16G	THGBMHG7C1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153		
	32G	THGBMHG8C2LBAIL	v5.1	MLC/15nm	11.5*13-BGA153		
	64G	THGBMHG9C4LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	
	16G	THGBMAG7C2LBAW7	v5.1	MLC/15nm	11.5*13-BGA153		
	16G	THGBMHG7C2LBAAR	v5.1	MLC/15nm	11.5*13-BGA153		
	16G	THGBMHG7C2LBAW7	v5.1		11.5*13-BGA153		
	4G	THGBMNG5D1LBAIL	V5.0	MLC/15nm	11.5*13-BGA153		
	8G	H26M41103HPR	v5.0	MLC/16nm	11.5*13-BGA153		
	16G	H26M52103FMR	v5.0	MLC/16nm	11.5*13-BGA153		
	32G	H26M64103EMR	v5.0	MLC/16nm	11.5*13-BGA153		

	8G	H26M41103HPRL	v5.0	MLC/16nm	11.5*13-BGA153		
	8G	H26T43001HPR	v5.0	TLC/16nm	11.5*13-BGA153		
	16G	H26T55001FPR	v5.0	TLC/16nm	11.5*13-BGA153		
	32G	H26T65001EMR	v5.0	TLC/16nm	11.5*13-BGA153		
	16G	H26M52208FPR	v5.1	MLC/16nm	11.5*13-BGA153		
	8G	H26M41204HPR	v5.1	MLC/16nm	11.5*13-BGA153		
SKhynix	32G	H26M64208EMR	v5.1	MLC/16nm	11.5*13-BGA153	**S/T**	**EOL**
	8G	H26M41208HPR	v5.1	MLC/16nm	11.5*13-BGA153		
	64G	H26M78208CMR	v5.1	MLC/16nm	11.5*13-BGA153		
	16G	H26M51002HPR	v5.1	3D V2 MLC	11.5*13-BGA153		
	32G	H26M62002GMR	v5.1	3D V2 MLC	11.5*13-BGA153		
	16G	H26M52208FPRI	v5.1	MLC/1ynm	11.5*13-BGA153	**S/T**	
	8G	H26M41208HPRI	v5.1	1ynm/MLC	11.5*13-BGA153		
	32G	H26M41208EMRA	v5.1	1ynm/MLC	11.5*13-BGA153		
	8G	EMMC08G-M325	v5.1	MLC/15nm	11.5*13-BGA153		
	8G	EMMC08G-M728	v5.0	3D MLC	11.5*13-BGA153		
Kingston	16G	EMMC16G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	**S/T**	
	32G	EMMC32G-W525	v5.0	MLC/T15nm	11.5*13-BGA153		
	64G	EMMC64G-W525	v5.0	MLC/T15nm	11.5*13-BGA153		
	16G	EMMC16G-TB28	v5.1	3D TLC	11.5*13-BGA153	**S/T**	
	4G	NCEFEM48-04G	v4.5	MLC/20nm	11.5*13.5-BGA153		
	16G	NCEMAH59-16G	v5.0	MLC/16nm	11.5*13-BGA153		
	32G	NCEMAH59-32G	v5.0	MLC/16nm	11.5*13-BGA153		
	16G	NCEMBS99-16G	v5.0	TLC/19nm	12*16-BGA169		
	32G	NCEMBS99-32G	v5.0	TLC/19nm	12*16-BGA169		
	32G	NCEMBSF9-32G	v5.0	TLC/16nm	12*16-BGA169		
	16G	NCEMBSF9-16G	v5.0	TLC/16nm	12*16-BGA169		
	16G	NCEMBD39-16G	v5.0	MLC/15nm	12*16-BGA169		
	16G	NCEMAD6B-16G	v5.1	TLC/15nm	11.5*13-BGA153		
	8G	NCEMAD7B-08G	v5.0	TLC/15nm	11.5*13-BGA153		

	8G	NCEMAM6G-08G	v5.1	MLC/16nm	11.5*13-BGA153		
FORESEE	16G	NCEMASKG-16G	v5.1	TLC/14nm	11.5*13-BGA153		
	32G	FSEWASLG-32G	v5.1		11.5*13-BGA153		
	16G	NCEMAD99-16G	v5.0		11.5*13-BGA153		
	32G	NCEMASLD-32G	v5.1		11.5*13.5-BGA153		
	16G	NCEMAD9D-16G	v5.1		11.5*13.5-BGA153		
	32G	FSEIASLD-32G	v5.1		11.5*13.5-BGA153		
	8G	NCEMAD9D-8G	v5.1		11.5*13.5-BGA153		
	8G	FEMDNN008G-08A39	v5.1		FBGA11.5*13.5*1.0	**S/T**	
	16G	FEMDRM016G-58A43	v5.1		FBGA11.5*13.5*1.0	**S/T**	
	4G	FEMDNN004G-58A42	v5.1		FBGA11.5*13.5*0.8		
AcSip	8G	NCMMCS08G	v4.5		12*16-BGA169		
	16G	NCMMCS16G	v4.5		12*16-BGA169		
AVEXIR	16G	AVEC016G-FA6	v4.5		11.5*13-BGA153		
EUDAR	8G	EMS1ASCBT1FC008	v4.51		11.5*13-BGA153		
	16G	EMS1ASCBT2FC016	v4.51		11.5*13-BGA153		
	16G	EMB1CTTD41FC016	v5.1		11.5*13-BGA153		
	32G	EMB1CTTD51FC032	v5.1		11.5*13-BGA153		
Barun	16G	BSB16GCDRS4EM-01	v4.51	TLC/16nm	11.5*13-BGA153		
	8G	BSA08GCDRS4EM-01	v4.51	TLC/16nm	11.5*13-BGA153		
	16G	BTA16GCFHAEET	v5.1	TLC/15nm	11.5*13-BGA153		
Ramaxel	16G	REMKDM316GDBB	v5.0	MLC	11.5*13-BGA153		
	8G	REMKDM308GSBB	v5.0	MLC	11.5*13-BGA153		
	16G	REMSAT416GDBB	v5.0	TLC/A19nm	11.5*13-BGA153		
	8G	REMSAT408GSBB	v5.0	TLC/A19nm	11.5*13-BGA153		
	8G	REMPBT808GSBB	v5.0	TLC/15nm	11.5*13-BGA153		
	16G	REMPBT716GSBB	v5.0	TLC/15nm	11.5*13-BGA153		

Spansion	8G	40410081B1B1W00	v4.51	MLC	11.5*13-BGA153		
	16G	40410161B1B1W01	v4.51	MLC	11.5*13-BGA153		
Gigadevice	8G	GD9E8MUYNM-MA00	v5.0	MLC	11.5*13-BGA153		
	8G	GD9E8M00YNI	v5.0	MLC	11.5*13-BGA153		
	4G	GD9E4M00YNI	v5.0	MLC	11.5*13-BGA153		
	8G	GD9E8T00GNM-05	v5.1	TLC/T16nm	11.5*13-BGA153		
FDI	4G	MC1M04M1L3AB	v4.51	MLC	11.5*13-BGA153		
	8G	MC1M08M2L3AB	v4.51	MLC	11.5*13-BGA153		
	16G	MC1M16M4L3AB	v4.51	MLC	11.5*13-BGA153		
SiS	8G	TC008000AA	v5.0	TLC/S16nm	11.5*13-BGA153		
	8G	MC008000AA	v5.0	MLC/H16nm	11.5*13-BGA153		
	16G	MC016000AA	v5.0	MLC/H16nm	11.5*13-BGA153		
	32G	MC032000AA	v5.0	MLC/H16nm	11.5*13-BGA153		
Dosilicon	16G	FMR16C1D0A-SB	v5.0	H3D V2 MLC	11.5*13-BGA153		
JSC	32G	JSMC32BUA2HYAEA	v5.0	H3D V2 MLC	11.5*13-BGA153		
	16G	JSMC16AUA2HYAEA	v5.0	H3D V2 MLC	11.5*13-BGA153		
ESSENCORE	8G	I3E-8GTH7CMRE	v5.0	MLC/T16nm	11.5*13-BGA153		
EOREX	32G	EMMF5BA-032G	v5.1		11.5*13-BGA153		
Biwin	8G	BWCTASC11G08G	V5.0		9*11-BGA153		
MXIC	8G	MX52LM08A11XVI	V5.1	MLC	11.5*13-BGA153		
TOPDISK	16G	A121-16G	V5.1		11.5*13-BGA153		
	32G	A132-32G	V5.1		11.5*13-BGA153		
UniLC	32G	UNMEN05GC1C31AS					
	64G	UNMEN06GC2C31AS			11.5*13-BGA153		
Artmem	8G	AT70B08GT05C	v5.1	2D TLC/15nm	11.5*13-BGA153		
	16G	AT70B16G4T02C	v5.1	3D TLC/Bics3	11.5*13-BGA153		
	16G	AT70B16G4T05C	v5.1	3D TLC/Bics3	11.5*13-BGA153		
	32G	AT70B32GT01C	v5.1	3D TLC/Bics3	11.5*13-BGA153		
	64G	AT70B64GT01C	v5.1	3D TLC/Bics3	11.5*13-BGA153		

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