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R818_MR813 eMMC Support List
V1.00

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- 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

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● Allwinner R818_MR813 eMMC Flash Support List v1.00

黄色代表此次支持列表更新

Vendor	Capacity (B)	Part Number	eMMC /SD	Cell&Process	Pkg Size (mm)	R818	MR813	Remark
						linux 4.9	linux 4.9	
						V1.01	V1.01	
Samsung	16G	KLMAG2GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	32G	KLMBG4GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	8G	KLM8G1WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153	S/T	S/T	
	16G	KLMAG2WEPD-B031	v5.0	TLC/16nm	11.5*13-BGA153	S/T	S/T	
	32G	KLMBG4WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153	S/T	S/T	
	64G	KLMCG8GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	8G	KLM8G1GEND-B031	v5.0	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	64G	KLMCG8WEBD-B031	v5.0	TLC/16nm	11.5*13-BGA153	S/T	S/T	
	4G	KLM4G1FEPD-B031	v5.0	MLC/16nm	11*10-BGA153	S/T	S/T	
	8G	KLM8G1GEME-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	8G	KLM8G1GETF-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	16G	KLMAG1JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	16G	KLMAG1JETA-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	32G	KLMBG2JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	32G	KLMBG2JETA-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	64G	KLMCG4JENB-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
	64G	KLMCG4JETA-B041	v5.1	MLC/14nm	11.5*13-BGA153	S/T	S/T	
Sandisk	8G	KLM8G1GESD-B04P (车规)	v5.1	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	16G	KLMAG2GESD-B04P (车规)	v5.1	MLC/16nm	11.5*13-BGA153	S/T	S/T	
	8G	SDIN7DU2-8G	v4.41		11.5*13-BGA153	S/T	S/T	EOL
	64G	SDIN9DW4-64G	v5.1	MLC/20nm	11.5*13-BGA153	S/T	S/T	EOL
	32G	SDINADF4-32G-H	v5.1	TLC/15nm	11.5*13-BGA153	S/T	S/T	IO电压不支持3.3V
	8G	SDIN8DE1-8G-I	v4.51	MLC/1xnm	11.5*13-BGA153	S/T	S/T	EOL
	8G	SDIN8DE2-8G-A	v4.51	MLC/1xnm	11.5*13-BGA153	S/T	S/T	EOL
	8G	SDINBDG4-8G	v5.1	MLC/1znm	11.5*13-BGA153	S/T	S/T	
	16G	SDINBDG4-16G	v5.1	MLC/1znm	11.5*13-BGA153	S/T	S/T	
	64G	SDINBDG4-64G	v5.1	MLC/1znm	11.5*13-BGA153	S/T	S/T	
	32G	SDINBDA4-32G	v5.1	3D TLC	11.5*13-BGA153	S/T	S/T	
Micron	8G	5QA27-JY995 (MTFC8GAKAJCN-1WMT)	v5.0	MLC	11.5*13-BGA153	S/T	S/T	
	4G	6FA27-JY976 (MTFC4GAKAJCN-1WMT)	v5.0	MLC	11.5*13-BGA153	S/T	S/T	
	16G	6FA28-JWB74 (MTFC16GAKAECN-2MWT)	v5.0	MLC	11.5*13-BGA153	S/T	S/T	
								-25 ~+85

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	32G	5SA28-JWB79 (MTFC32GAKECN-3MWT)	v5.0	MLC	11.5*13-BGA153	S/T	S/T	
Toshiba	4G	THGBMBG5D1KBAIL	v5.0	MLC/A19nm	11.5*13-BGA153	S/T	S/T	
	32G	THGBMFG8C2LBAIL	v5.0	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	THGBMFG6C1LBAIL	v5.0	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	4G	THGBMDG5D1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	THGBMJG6C1LBAU7	V5.1		11.5*13-BGA153	S/T	S/T	
	4G	THGBMNG5D1LBAIL	V5.0	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	THGBMHG6C1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	16G	THGBMHG7C1LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	32G	THGBMHG8C2LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	64G	THGBMHG9C4LBAIL	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	THGBM6G6T1JBAIR	v4.41		11.5*13-BGA153	S/T	S/T	
	16G	THGBMHG7C2LBAAR (车规)	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
KIOXIA	32G	THGAMRG8T13BAIL	v5.1			S/T	S/T	
	64G	THGAMRG9T23BAIL				S/T	S/T	
	128G	THGAMRT0T43BAIR				S/T	S/T	
SKhynix	16G	H26M51002HPR	v5.1	3D V2 MLC	11.5*13-BGA153	S/T	S/T	
	32G	H26M62002GMR	v5.1	3D V2 MLC	11.5*13-BGA153	S/T	S/T	
	16G	H26M52208FPRI (车规)	v5.1	MLC/1ynm	11.5*13-BGA153	S/T	S/T	
	8G	H26M41208HPR	v5.1	1ynm/MLC	11.5*13-BGA153	S/T	S/T	
Kingston	8G	EMMC08G-M325	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	16G	EMMC16G-M525	v5.1	MLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	EMMC08G-M728	v5.0	3D MLC	11.5*13-BGA153	S/T	S/T	
	16G	EMMC16G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	S/T	S/T	Industrial
	32G	EMMC32G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	S/T	S/T	Industrial
	64G	EMMC64G-W525	v5.0	MLC/T15nm	11.5*13-BGA153	S/T	S/T	Industrial
	16G	EMMC16G-TB28 (车规)	v5.1	3D TLC	11.5*13-BGA153	S/T	S/T	
FORESEE	16G	NCEMAD6B-16G	v5.1	TLC/15nm	11.5*13-BGA153	S/T	S/T	
	8G	NCEMAD7B-08G	v5.0	TLC/15nm	11.5*13-BGA153	S/T	S/T	
	16G	NCEMAD99-16G	v5.0		11.5*13-BGA153	S/T	S/T	
	32G	NCEMASLD-32G	v5.1		11.5*13.5-BGA153	S/T	S/T	-25~+85
	16G	FEMDNN016G-58A43	v5.1		11.5*13.5*1.0	S/T	S/T	
	8G	FEMDNN008G-08A39	v5.1		11.5*13.5*1.0	S/T	S/T	-25~+85
	4G	FEMDNN004G-58A42	v5.1		11.5*13.5*0.8	S/T	S/T	-25~+85
JSC	32G	JSMC32BUA2HYAEA	v5.0	H3D V2 MLC	11.5*13-BGA153	S/T	S/T	
	16G	JSMC16AU2HYAEA	v5.0	H3D V2 MLC	11.5*13-BGA153	S/T	S/T	
ESSENCORE	8G	I3E-8GTH7CMRE	v5.0	MLC/T16nm	11.5*13-BGA153	S/T	S/T	
	16G	ENEAGQ8BE1MR-HB	v5.1			S/T	S/T	-20~+60
Biwin	8G	BWCE28NH-08G	V5.0		11.5*13*0.9	S/T	S/T	

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Artemem	16G	AT70B16G3S02C	v5.1	2D MLC/K9DGD8U0B	11.5*13-BGA153	S/T	S/T	
	32G	AT70B32G3S01C	v5.1	3D TLC/K9AFGD8H0A	11.5*13-BGA153	S/T	S/T	
	8G	AT70B08G3S03F	v5.1	MLC	11.5*13-BGA153	S/T	S/T	
	32G	AT70B32G4Y01F	v5.1		11.5*13-BGA153	S/T	S/T	
	64G	AT70B64G4Y01F	v5.1		11.5*13-BGA153	S/T	S/T	
ISOCOM	32G	MEMA032G-M0S00	v5.1		11.5*13-BGA153	S/T -20°~60°	S/T -20°~60°	
SCY	4GB	E04GDML31ABE00	v5.1			S/T -25°~75°	S/T -25°~75°	
SkyHigh	4G	S40FC004C1B1C	v5.1	MLC	11.5*13-BGA153	S/T	S/T	-40 ~ +85
YMTC	32G	YMEC6A2TB1A2C3	v5.1	TLC	11.5*13-BGA153	S/T	S/T	-25 ~ +85
	64G	YMEC7A2TB2A2C3	v5.1	MLC	11.5*13-BGA153	S/T	S/T	-25 ~ +85
Konka Kowin	4G	KAS03111	v5.1		11.5*13-BGA153	S/T	S/T	-25 ~ +85
SiliconGo	32G	SGM8100C-Y02BBG	v5.1			D/S	D/S	-40 ~ +85
		SGM8000C-S21BAG	v5.1			D/S	D/S	-40 ~ +85

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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