

## Rockchip Solutions eMMC Support List

**Ver 1.51**

**2020-08-10**

## ◆ Revision History

Revision No.	History	Date
<b>1.05</b>	1.Add Micron MTFC8GLTEA-WT and MTFC8GLSEA-IT.	2011.12.20
<b>1.06</b>	1.Add Samsung KLM2G1HE3F-B001 、 KLM4G1FE3A-A001 and KLM4G1FE3A-M001.	2012.02.02
<b>1.07</b>	1.Add RK30xx Chipset Support List. 2.Add NCEMBS41-04G 、 NCEMBS41-08G、 THGBM5G6A2JBAIL 、 THGBM5G7A2JBAIL and THGBM5G8A4JBAIL.	2012.08.09
<b>1.08</b>	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIL, AE1DF04GAK-000MAA,AE1DE04GAK-000MAA,AE1DG08GAK-000MAA,AE1DG16GBK-000MAA,AE1DD08GAK-000MAC,AE1DD16GBK-000MAC and AE1DD32GCK-000MAC	2012.11.08
<b>1.09</b>	1. Add <b>RK316X</b> and <b>RK318X</b> SupportList. 2. Add <b>T/A</b> test status. 3. Add SDIN7DU2-8G,SDIN7DU2-16G,SDIN7DU2-32G,SDIN7DU2-64G, KE4CN3K6A, KE4CN4K6A, KE4CN5B6A , KE4CN6C6A,MTFC4GLWAM-WT, MTFC8GLWAM-WT, H26M42003GMR, NCEMBS61-08G, NCEMBS61-16G,Etc.	2013.04.15
<b>1.10</b>	1. Add H26M42003GMR , H26M54003EMR , H26M68003DCR,KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , etc.	2013.08.15
<b>1.11</b>	1. Add H26M52003EQR , KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , BWCMB-16G , BWAMGTB11A08G , BWAMGTB21A16G , BWAMGTB41A32G , etc.	2013.11.15
<b>1.12</b>	1. Add MC0M08M1L0AA and MC0M16M2L0AA. 2. Add RK3026 and RK3028A SupportList.	2014.02.15
<b>1.13</b>	1. Add KLM8G1WEMB-B031,KLMAG2WEMB-B031,KLMBG4WEBC-B031,KLMCG8WEBC-B031, H26M41103HPR, H26M52103FMR, H26M64103EMR,H26M78103CCR,etc . 2. Add <b>RK32xx</b> SupportList.	2014.06.15
<b>1.14</b>	1. Add MTFC4GACAAAM-1M WT,MTFC8GACAAAM-1M WT,MTFC16GAKAECN-2MWTES, THGBMBG6D1KBAIL, THGBMAG6A2JBAIL, THGBMAG6A2JBAIL,THGBMBG8D4KBAIL,THGBM9G8T4KBAIL,SDIN8DE1-8G,SDIN8DE2-8GB,SDIN8DE2-16GB,SDIN8DE4-32G, SDIN8DE4-64G,SDIN9DW4-16G,SDIN9DW4-32G,SDIN9DW4-64G,H26M64103EMR,H26M78103CCR,KLMAG2WEPD-B031, KLM8G1WEPD-B031,KLMAG2GEND-B031,KLMBG4GEND-B031,eMMC8G-V100,eMMC16G-V100,NCEFEH58-08G,NCEFEH58-16G, NCEFEH58-32G,NCEFS88-04G,NCEFS78-08G,NCEFS98-16G,BWAMGIA21C16GR,KMZ5500FS-UZb1-SA,KMZ0500FS-UZb1-SA, AVEC008G-FA6,AVEC0016G-FA6,EMS1ASCBT1FC008,EMS1ASCBT2FC016,AVEC008G-FA6,DTA11CA-8GB,DTA11CA-16GB,etc . 2. Add <b>RK3036</b> and <b>RK312X</b> SupportList.	2014.10.15
<b>1.15</b>	1. Corrected SanDisk SDIN9DW4-16G,SDIN9DW4-32G,SDIN9DW4-64G support status. These eMMC VCCQ only support 1.8V.	2014.12.01
<b>1.16</b>	1. Add eMMC32G-S100	2015.01.05
<b>1.17</b>	1. Add RK3368 SupportList. 2. Add THGBMBG5D1KBAIL,THGBM9G9T8KBAIG,SDIN9DS2-32G,SDIN9DS2-16G,KLMBG4WEBD-B031,KLMCG8WEBD-B031,etc	2015.04.13
<b>1.18</b>	1. Add THGBMFG6C1LBAIL,THGBMFG7C1LBAIL,THGBMFG7C2LBAIL,THGBMFG8C2LBAIL,THGBMFG8C4LBAIL,SDIN9DS2-8G,H26M41103HPRL,S404100081B1B1W00, S404100161B1B1W01,EM100C-008GT-SS,EM100C-016GT-SS, etc	2015.06.10
<b>1.19</b>	1. Add NCEFEM48-04G etc	2015.07.01
<b>1.20</b>	1. Update RK3368 SupportList	2015.09.06
<b>1.21</b>	1. Add RK3228 SupportList	2015.12.15

<b>1.22</b>	1. Add MTFC8GLCDM-1M WT.	2015.12.28
<b>1.23</b>	1. Add BWATGSC11C08G, NCEFAT28-08G, H26T55001FPR, THGBMBG7D2KBAIL, KLM8G1GEND-B031, KLMCG8GEND-B031, THGBMFG8C4LBAIR, NCEMAH59-16G, REMKDM104GSBB, REMKDM308GSBB, GD9E4MOOYNI, SP18A8G752-8GB	2016.01.15
<b>1.24</b>	1. RK32XX -> RK328X 2. Add RKPX3 and RKPX2 3. Add MTFC4GACAJCN-1M WT, MTFC8GAKAJCN-1M WT, THGBMDG5D1LBAIL , KLM4G1FEPD-B031 , EMMC16G-M525 , EMMC32G-M525 and EMMC64G-M525.	2016.02.25
<b>1.25</b>	1. Add THGBMHG6C1LBAIL , THGBMHG7C1LBAIL , THGBMHG7C2LBAIL , THGBMHG8C4LBAIR and THGBMHG9C4LBAIR.	2016.03.15
<b>1.26</b>	1. Add THGBMHG8C2LBAIL,H26M41204HPR, H26M52208FPR, H26M64208EMR, H26M78208CMR, KLM8G1GEME-B041, KLMAG1JENB-B041, KLMBG2JENB-B041, NCEMBD39-16G, REMSAT408GSBB, REMSAT416GDBB, BWATGSC21C16G, BWAMDIC21C32G, MC1M04M1L3AB, MC1M08M2L3AB, MC1M16M4L3AB, MC1M16M4L3AB, SE2HB08GH1, SE2HB0AGH1, SE2HB0BGH1, SE2HB08GS1	2016.05.04
<b>1.27</b>	1. Add EMMC08G-M325.	2016.06.22
<b>1.28</b>	1. Add BWCTGSC21G32G.	2016.07.29
<b>1.29</b>	1. Add KLMCG4JENB-B041, KLMDG4JENB-B041 and EMMC04G-M627. 2. Add RK3399.	2016.08.05
<b>1.30</b>	1. Add PX5.	2016.08.30
<b>1.31</b>	1. Add I3E-8GTH2CMRE 2. Change some device from DA status to TA status	2016.11.28
<b>1.32</b>	1. Change some device from DA status to TA status 2. Add I3E-8GTH7CMRE	2017.01.06
<b>1.33</b>	1. Add KLM8G1GENS-B041 2. Add RK3328	2017.02.15
<b>1.34</b>	1. Add PX3SE 2. Add RK3228H 3. Add KLM8G1GETF-B041,KLMAG1JETD-B041,KLMBG2JETD-B041 and KLMCG4JETD-B041	2017.04.15
<b>1.35</b>	1. Add SDINBDG4-8GB, EMMC04G-M627, EMMC08G-T227,EMMC16G-T527 and EMMC32G-T527 2. Remove BWATGSC11C08G , BWATGSC21C16G and BWCTGSC21G32G	2017.07.10
<b>1.36</b>	1. Add NCEMAD7B-08G	2017.07.28
<b>1.37</b>	1. Add NCEMAD6B-16G , EMMC32G-TA28 and IMM8GA90SKB-WT 2. Add RK3368H	2017.11.27
<b>1.38</b>	1. Add H26M41208HPR , SDINBDG4-16GB , SDINBDG4-32GB and SDINBDA4-32GB	2018.01.22
<b>1.39</b>	1. Add THGBMNG5D1LBAIL , SDINBDA4-64GB , SDINBDG4-32GB-XI1 and SDINBDG4-16GB-XI1 2. Add RK3326 , RKPX30 and RK3308 3. Remove RK3066 and PX2 4. Update EOL status	2018.05.15

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## ◆ Symbol

Symbol	Description
√	Fully Tested , Applicable and Mass Production
T/A	Fully Tested , Applicable and Ready for Mass Production
S/A	The Samples have Passed the Reliability Test. However, the Platform Compatibility Test was also required before Mass Production.
D/A	Datasheet Applicable,Need Sample to Test.
N/A	Not Applicable

## ◆ Note

1. The lifetime of TLC type eMMC is lower than the MLC type eMMC. If you care the lifetime of TLC type eMMC in your product, please contact eMMC vendor for lifetime information.

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX35E	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
Kingston	EMMC16G-M525	128Gb MLC x 1	16GB	15nm	5.1	11.5 x 13	T/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC32G-M525	128Gb MLC x 2	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC64G-M525	128Gb MLC x 4	64GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC08G-M325	64Gb MLC x 1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC04G-M627	32Gb MLC x 1	4GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A		
Kingston	EMMC08G-T227	64Gb TLC x 1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	note 1.	
Kingston	EMMC16G-T527	64Gb TLC x 2	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	note 1.	
Kingston	EMMC32G-T527	64Gb TLC x 4	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A		
Kingston	EMMC16G-TB28	128Gb TLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC32G-TA28	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC64G-TA28	256Gb TLC x 2	64GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC08G-MB29	64Gb x 1	8GB		5.1	11.5 x 13	T/A	S/A	S/A	T/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
GStar	GSE51BMS8GL	64Gb MLC x 1	8GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
GStar	GSE5ABTS16GX	128Gb TLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
GStar	GSE5ABTS32GX	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
KOWIN	KAS3111	64Gb MLC x 1	8GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
KOWIN	KAS4111	32Gb MLC x 1	4GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
ISSI	IS21ES16G-JCLI	128Gb MLC x 1	16GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
SkyHigh	S40FC004C1B11	32Gb MLC x 1	4GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX35E	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
MMY	MME2736E1DA17DA	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2736F1DA17DA	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2736G1DA17DA	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME5001G1DH07DA	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME5001F1DH07DA	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2720G1A37UB	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2720H1A37UB	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN05GC1C31AS	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN06GC2C31AS	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN07GC4C31BS	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
TOPDISK	A121-16G	128Gb TLC x 1	16GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
TOPDISK	A132-32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
EOREX	EMMF5BB-008GC	3D TLC x 1	8GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
EOREX	EMMF5BB-016GC	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
EOREX	EMMF5BA-032GC	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
ESSENCORE	I3E-8GTH2CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
ESSENCORE	I3E-8GTH7CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		EOL
ESSENCORE	ENEAGQ8BE1MR-H9	128Gb MLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		