

Rockchip Solutions eMMC Support List

Ver 1.38

2018-01-22

◆ Revision History

Revision No.	History	Date
1.05	1.Add Micron MTFC8GLTEA-WT and MTFC8GLSEA-IT.	2011.12.20
1.06	1.Add Samsung KLM2G1HE3F-B001 、 KLM4G1FE3A-A001 and KLM4G1FE3A-M001.	2012.2.2
1.07	1.Add RK30xx Chipset Support List. 2.Add NCEMBS41-04G 、 NCEMBS41-08G、 THGBM5G6A2JB AIR 、 THGBM5G7A2JB AIR and THGBM5G8A4JB AIR.	2012.8.9
1.08	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JB AIR, AE1DF04GAK-000MAA,AE1DE04GAK-000MAA,AE1DG08GAK-000MAA,AE1DG16GBK-000MAA,AE1DD08GAK-000MAC,AE1DD16GBK-000MAC and AE1DD32GCK-000MAC	2012.11.8
1.09	1. Add RK316X and RK318X SupportList. 2. Add T/A 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.	2013.4.15
1.10	1. Add H26M42003GMR, H26M54003EMR, H26M68003DCR,KLM8G1GEAC-B001, KLMAG2GEAC-B001, KLMBG4GEAC-B001, KLMCG8GEAC-B001, etc.	2013.8.15
1.11	1. Add H26M52003EQR, KLM8G1GEAC-B001, KLMAG2GEAC-B001, KLMBG4GEAC-B001, KLMCG8GEAC-B001, BWCMB-16G, BWAMGTB11A08G, BWAMGTB21A16G, BWAMGTB41A32G, etc.	2013.11.15
1.12	1. Add MC0M08M1L0AA and MC0M16M2L0AA. 2. Add RK3026 and RK3028A SupportList.	2014.02.15
1.13	1. Add KLM8G1WEMB-B031,KLMAG2WEMB-B031,KLMBG4WECB-B031,KLMCG8WECB-B031, H26M41103HPR, H26M52103FMR, H26M64103EMR,H26M78103CCR,etc . 2. Add RK32xx SupportList.	2014.06.15

1.14	<p>1. Add MTFC4GACAAAM-1M WT,MTFC8GACAAAM-1M WT,MTFC16GAKAECN-2MWTES, THGBMBG6D1KBAIL, THGBMAG6A2JBAIR, THGBMAG6A2JBAIR,THGBMBG8D4KBAIR,THGBM9G8T4KBAIR,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 .</p> <p>2. Add RK3036 and RK312XSupportList.</p>	2014.10.15
1.15	1. Corrected SanDisk SDIN9DW4-16G,SDIN9DW4-32G,SDIN9DW4-64G support status. These eMMC VCCQ only support 1.8V.	2014.12.01
1.16	1. Add eMMC32G-S100	2015.01.05
1.17	<p>1. Add RK3368 SupportList.</p> <p>2. Add THGBMBG5D1KBAIL,THGBM9G9T8KBAIG,SDIN9DS2-32G,SDIN9DS2-16G,KLMBG4WEBD-B031,KLMCG8WEBD-B031,etc</p>	2015.04.13
1.18	1. Add THGBMFG6C1LBAIL,THGBMFG7C1LBAIL,THGBMFG7C2LBAIL,THGBMFG8C2LBAIL,THGBMFG8C4LBAIL,SDIN9DS2-8G,H26M41103HPRL,S404100081B1B1W00,S404100161B1B1W01,EM100C-008GT-SS,EM100C-016GT-SS, etc	2015.06.10
1.19	1. Add NCFEM48-04G etc	2015.07.01
1.20	1. Update RK3368 SupportList	2015.09.06
1.21	1. Add RK3228 SupportList	2015.12.15
1.22	1. Add MTFC8GLCDM-1M WT.	2015.12.28
1.23	1. Add BWATGSC11C08G, NCEFAT28-08G, H26T55001FPR, THGBMBG7D2KBAIL, KLM8G1GEND-B031, KLMCG8GEND-B031, THGBMFG8C4LBAIR, NCCEMAH59-16G, REMKDM104GSBB, REMKDM308GSBB, GD9E4MOOYNI, SP18A8G752-8GB	2016.01.15
1.24	<p>1. RK32XX -> RK328X</p> <p>2. Add RKPX3 and RKPX2</p> <p>3. Add MTFC4GACAJCN-1M WT, MTFC8GAKAJCN-1M WT, THGBMDG5D1LBAIL , KLM4G1FEPD-B031, EMMC16G-M525, EMMC32G-M525 and EMMC64G-M525.</p>	2016.02.25
1.25	1. Add THGBMHG6C1LBAIL, THGBMHG7C1LBAIL, THGBMHG7C2LBAIL, THGBMHG8C4LBAIR and THGBMHG9C4LBAIR.	2016.03.15
1.26	1. Add THGBMHG8C2LBAIL,H26M41204HPR, H26M52208FPR, H26M64208EMR, H26M78208CMR, KLM8G1GEME-B041, KLMAG1JENB-B041, KLMBG2JENB-B041, NCCEMBD39-16G, REMSAT408GSBB, REMSAT416GDBB, BWATGSC21C16G, BWAMDIC21C32G, MC1M04M1L3AB, MC1M08M2L3AB, MC1M16M4L3AB, MC1M16M4L3AB, SE2HB08GH1, SE2HB0AGH1, SE2HB0BGH1, SE2HB08GS1	2016.05.04
1.27	1. Add EMMC08G-M325.	2016.06.22

1.28	1. Add BWCTGSC21G32G.	2016.07.29
1.29	1. Add KLMCG4JENB-B041, KLMDG4JENB-B041 and EMMC04G-M627. 2. Add RK3399.	2016.08.05
1.30	1. Add PX5.	2016.08.30
1.31	1. Add I3E-8GTH2CMRE 2. Change some device from DA status to TA status	2016.11.28
1.32	1. Change some device from DA status to TA status 2. Add I3E-8GTH7CMRE	2017.01.06
1.33	1. Add KLM8G1GENS-B041 2. Add RK3328	2017.02.15
1.34	1. Add PX3SE 2. Add RK3228H 3. Add KLM8G1GETF-B041, KLMA1JETD-B041, KLMBG2JETD-B041 and KLMCG4JETD-B041	2017.04.15
1.35	1. Add SDINBDG4-8GB, EMMC04G-M627, EMMC08G-T227, EMMC16G-T527 and EMMC32G-T527 2. Remove BWATGSC11C08G, BWATGSC21C16G and BWCTGSC21G32G	2017.07.10
1.36	1. Add NCEMAD7B-08G	2017.07.28
1.37	1. Add NCEMAD6B-16G, EMMC32G-TA28 and IMM8GA90SKB-WT 2. Add RK3368H	2017.11.27
1.38	1. Add H26M41208HPR, SDINBDG4-16GB, SDINBDG4-32GB and SDINBDA4-32GB	2018.01.22

◆ Symbol

Symbol	Description
√	Fully Tested , Applicable and Mass Production
T/A	Fully Tested , Applicable and Ready for 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	RK316X RK318X RK318X RK318X	RK3036 RK312X PX3SE	RK3368 RK3368H RK3368H	RK3066 RK3066 RK3066	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
Toshiba	THGBM5G5A1JBAIR	32Gb MLC x 1	4GB	19nm	4.41	11.5 x 13	D/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM5G6A2JBAIR	32Gb MLC x 2	8GB	19nm	4.41	11.5 x 13	T/A	√	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM5G7A2JBAIM	64Gb MLC x 2	16GB	19nm	4.41	12x16	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM5G8A4JBAIM	64Gb MLC x 4	32GB	19nm	4.41	12x16	D/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM5G9B8JBAIE	64Gb MLC x 8	64GB	19nm	4.41	12x16	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM5G7A2JBAIR	64Gb MLC x 2	16GB	19nm	4.41	11.5 x 13	D/A	√	D/A	D/A	T/A	D/A	D/A	D/A	D/A	T/A		EOL
Toshiba	THGBMBG7D2KBAIL	64Gb MLC x 2	16GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A	T/A		EOL
Toshiba	THGBMBG9D8KBAIL	64Gb MLC x 8	64GB	19Anm	5.0	11.5 x 13	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMAG5A1JBAIR	32Gb MLC x 1	4GB	19Anm	4.51	11.5 x 13	T/A	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMBG6D1KBAIL	64Gb MLC x1	8GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMAG6A2JBAIR	64Gb MLC x1	8GB	19Anm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMBG5D1KBAIL	64Gb MLC x1	4GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMBG8D4KBAIR	64Gb MLC x4	32GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBMBG7D2KBAIL	64Gb MLC x 2	16GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		EOL
Toshiba	THGBM9G8T4KBAIR	64Gb TLC x4	32GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
Toshiba	THGBM9G9T8KBAIG	64Gb TLC x8	64GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	
Toshiba	THGBMFG6C1LBAIL	64Gb MLC x1	8GB	15nm	5.0	11.5 x 13	T/A	D/A	D/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMFG7C1LBAIL	128Gb MLC x1	16GB	15nm	5.0	11.5 x 13	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMFG7C2LBAIL	64Gb MLC x2	16GB	15nm	5.0	11.5 x 13	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMFG8C2LBAIL	128Gb MLC x2	32GB	15nm	5.0	11.5 x 13	T/A	D/A	D/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMFG8C4LBAIR	64Gb MLC x4	32GB	15nm	5.0	11.5 x 13	T/A	D/A	D/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMDG5D1LBAIL	32Gb MLC x 1	4GB	15nm	5.0	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Toshiba	THGBMHG6C1LBAIL	64Gb MLC x1	8GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Toshiba	THGBMHG7C1LBAIL	128Gb MLC x1	16GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Toshiba	THGBMHG7C2LBAIL	64Gb MLC x2	16GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Toshiba	THGBMHG8C4LBAIR	64Gb MLC x4	32GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Toshiba	THGBMHG9C4LBAIR	128Gb MLC x4	64GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Toshiba	THGBMHG8C2LBAIL	128Gb MLC x2	32GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK318X RK318X	RK3036 RK312X PX3SE	RK3368 RK3368H RK3368H	RK3066 RK3066 RK3066	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
SanDisk	SDIN7DU2-8G	64Gb MLC	8GB	19nm	4.41	11.5 x 13	T/A	✓	D/A	D/A	✓	D/A	D/A	D/A	D/A	T/A		EOL
SanDisk	SDIN7DU2-16G	64Gb MLC x 2	16GB	19nm	4.41	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN7DU2-32G	64Gb MLC x 4	32GB	19nm	4.41	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN7DU2-64G	64Gb MLC x 8	64GB	19nm	4.41	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN7DP2-4G	32Gb MLC x 1	4GB	19nm	4.5	11.5 x 13	D/A	✓	D/A	D/A	✓	D/A	D/A	D/A	D/A	T/A		EOL
SanDisk	SDIN7DP2-8G	32Gb MLC x 2	8GB	19nm	4.5	11.5 x 13	D/A	✓	D/A	D/A	✓	D/A	D/A	D/A	D/A	T/A		EOL
SanDisk	SDIN7DP4-16G	32Gb MLC x 4	16GB	19nm	4.5	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN7DP4-32G	64Gb MLC x 4	32GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN7DP4-64G	64Gb MLC x 8	64GB	19nm	4.5	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
SanDisk	SDIN8DE4-16G	64Gb MLC x 2	16GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	T/A		
SanDisk	SDIN8DE1-8G	64Gb MLC x 1	8GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDIN8DE2-8G	32Gb MLC x 2	8GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDIN8DE2-16G	64Gb MLC x 2	16GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDIN8DE4-32G	64Gb MLC x 4	32GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
SanDisk	SDIN8DE4-64G	64Gb MLC x 8	64GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDIN9DW4-16G	64Gb MLC x 2	16GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	D/A	N/A	T/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDIN9DW4-32G	64Gb MLC x 4	32GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	D/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDIN9DW4-64G	64Gb MLC x 8	64GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	D/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDIN9DS2-32G	64Gb TLC x 4	32GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	T/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDIN9DS2-16G	64Gb TLC x 2	16GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	T/A	N/A	D/A	T/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDIN9DS2-8G	64Gb TLC x 1	8GB	A19nm	5.0	11.5 x 13	T/A	N/A	N/A	T/A	N/A	T/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADB4-64G	64Gb TLC x 8	64GB	A19nm	5.0	11.5 x 13	D/A	N/A	N/A	T/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADB4-32G	64Gb TLC x 4	32GB	A19nm	5.0	11.5 x 13	D/A	N/A	N/A	T/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADB4-16G	64Gb TLC x 2	16GB	A19nm	5.0	11.5 x 13	D/A	N/A	N/A	T/A	N/A	T/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADF4-64G(-H)	64Gb TLC x 8	64GB	A19nm	5.0/5.1	11.5 x 13	D/A	N/A	N/A	D/A	N/A	D/A	D/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADF4-32G(-H)	64Gb TLC x 4	32GB	A19nm	5.0/5.1	11.5 x 13	D/A	N/A	N/A	D/A	N/A	D/A	T/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINADF4-16G(-H)	64Gb TLC x 2	16GB	A19nm	5.0/5.1	11.5 x 13	D/A	N/A	N/A	D/A	N/A	T/A	T/A	D/A	D/A	N/A	VCCQ : only 1.8V	
SanDisk	SDINBDG4-8GB	64Gb MLC x 1	8GB	15nm	5.1	11.5 x 13	D/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	T/A	D/A		
SanDisk	SDINBDG4-16GB	64Gb MLC x 2	16GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDINBDG4-32GB	64Gb MLC x 4	32GB	15nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
SanDisk	SDINBDA4-32GB	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK312X	RK3036 RK312X PX3SE	RK3368 RK3368H RK3368	RK3066 RK3368 RK3368	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
Samsung	KLM8G1GEAC-B001	64Gb MLC x 1	8GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMAG2GEAC-B001	64Gb MLC x 2	16GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMBG4GEAC-B001	64Gb MLC x 4	32GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMCG8GEAC-B001	64Gb MLC x 8	64GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLM8G1GEAC-B031	64Gb MLC x 1	8GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMAG2GEAC-B031	64Gb MLC x 2	16GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMBG4GEAC-B031	64Gb MLC x 4	32GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMCG8GEAC-B031	64Gb MLC x 8	64GB	19nm	5.0	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLM8G1WEMB-B031	64Gb TLC x 1	8GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
Samsung	KLMAG2WEMB-B031	64Gb TLC x 2	16GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
Samsung	KLMBG4WEBB-B031	64Gb TLC x 4	32GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLMCG8WEBB-B031	64Gb TLC x 8	64GB	19nm	5.0	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		EOL
Samsung	KLM8G1WEPD-B031	64Gb TLC x 1	8GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A	note 1.	
Samsung	KLMAG2WEPD-B031	64Gb TLC x 2	16GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	T/A	T/A	T/A	D/A	note 1.	
Samsung	KLMBG4WEBD-B031	64Gb TLC x 4	32GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLMCG8WEBD-B031	64Gb TLC x 8	64GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLM8G1GEND-B031	64Gb MLC x 1	8GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	T/A	T/A	D/A		
Samsung	KLMAG2GEND-B031	64Gb MLC x 2	16GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Samsung	KLMBG4GEND-B031	64Gb MLC x 4	32GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLMCG8GEND-B031	64Gb MLC x 8	64GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLMDGAWEBD-B031	64Gb TLC x 16	128GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLM4G1FEPD-B031	32Gb MLC x 1	4GB	16nm	5.0	11.5 x 9	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Samsung	KLM8G1GEME-B041	64Gb MLC x 1	8GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Samsung	KLMAG1JENB-B041	128Gb MLC x 1	16GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Samsung	KLMBG2JENB-B041	128Gb MLC x 2	32GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Samsung	KLMCG4JENB-B041	128Gb MLC x 4	64GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	T/A	D/A	D/A	D/A		
Samsung	KLMDG8JENB-B041	128Gb MLC x 8	128GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
Samsung	KLM8G1GENS-B041	64Gb MLC x 1	8GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	T/A	T/A	D/A		
Samsung	KLM8G1GETF-B041	64Gb MLC x 1	8GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	D/A		
Samsung	KLMAG1JETD-B041	128Gb MLC x 1	16GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	D/A		
Samsung	KLMBG2JETD-B041	128Gb MLC x 2	32GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	D/A		
Samsung	KLMCG4JETD-B041	128Gb MLC x 4	64GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	D/A		

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK31X3	RK3036 RK312X PX3SE	RK3368 RK3368H RK33X5	RK3066 RK3PX2	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
FORESEE	NCTSTS86-04G	32Gb TLC x 1	4GB	21nm	SD2.0	12 x 20	D/A	✓	D/A	D/A	N/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCTSTS76-08G	64Gb TLC x 1	8GB	21nm	SD2.0	12 x 20	D/A	D/A	D/A	D/A	N/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFSES86-04G	32Gb TLC x 1	4GB	21nm	SD2.0	11.5x13.5	D/A	✓	D/A	D/A	N/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFSES76-08G	64Gb TLC x 1	8GB	21nm	SD2.0	11.5x13.5	D/A	D/A	D/A	D/A	N/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFES86-04G	32Gb TLC x 1	4GB	21nm	4.41	11.5x13.5	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFES76-08G	64Gb TLC x 1	8GB	21nm	4.41	11.5x13.5	D/A	✓	D/A	D/A	✓	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFES76-16G	64Gb TLC x 2	16GB	21nm	4.41	11.5x13.5	D/A	✓	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	EOL
FORESEE	NCFEH58-08G	64Gb MLC x 1	8GB	16nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCFEH58-16G	64Gb MLC x 2	16GB	16nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCFEH58-32G	64Gb MLC x 4	32GB	16nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCFES88-04G	32Gb TLC x 1	4GB	21nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
FORESEE	NCFES78-08G	64Gb TLC x 1	8GB	21nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
FORESEE	NCFBS98-16G	128Gb TLC x 1	16GB	16nm	4.51	12 x 16	T/A	T/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	
FORESEE	NCEMAH59-16G	64Gb MLC x 2	16GB	16nm	5.0	11.5x13	T/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		HS200
FORESEE	NCEMAH59-32G	64Gb MLC x 4	32GB	16nm	5.0	11.5x13	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		HS200
FORESEE	NCEMBS99-16G	128Gb TLC x 1	16GB	16nm	5.0	12 x 16	T/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	HS200
FORESEE	NCEMBS99-32G	128Gb TLC x 2	32GB	16nm	5.0	12 x 16	T/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		HS200
FORESEE	NCFEM48-04G	32Gb MLC x 1	4GB	20nm	4.51	11.5x13.5	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCFAT28-08G	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	D/A	D/A	T/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	
FORESEE	NCEMBSF9-16G	128Gb TLC x 1	16GB	16nm	5.0	12 x 16	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	HS200
FORESEE	NCEMASD9-08G	64Gb TLC x 1	8GB	16nm	5.0	11.5x13	D/A	D/A	T/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	HS200
FORESEE	NCEMBD39-16G	128Gb MLC x 1	16GB	16nm	5.0	12 x 16	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		HS200
FORESEE	NCEMBSF9-32G	128Gb TLC x 2	32GB	16nm	5.0	12 x 16	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		HS200
FORESEE	NCEMAD7B-08G	64Gb TLC x 1	8GB	15nm	5.1	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	
FORESEE	NCEMAD6B-16G	128Gb TLC x 1	16GB	15nm	5.1	11.5x13	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK318X RK318X	RK3036 RK312X PX3SE	RK3368 RK3368H RK3368H	RK3066 RK3066 RK3066	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
FDI	MC0M08M1L0AA	64Gb MLC x 1	8GB	20nm	4.51	12 x 16	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	T/A		
FDI	MC0M16M2L0AA	64Gb MLC x 2	16GB	20nm	4.51	12 x 16	T/A	T/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	T/A		
FDI	MC1M04M1L3AB		4GB				D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
FDI	MC1M08M2L3AB		8GB				D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
FDI	MC1M16M4L3AB		16GB				D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
GigaDevice	GD9E8M00YNI	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		HS200
GigaDevice	GD9E4M00YNI	32Gb MLC x 1	4GB	NA	5.0	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		HS200
Silicon	SE2HB08GH1	64Gb MLC x 1	8GB		4.5	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Silicon	SE2HB0AGH1	64Gb MLC x 2	16GB		4.5	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Silicon	SE2HB0BGH1	64Gb MLC x 4	32GB		4.5	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A		
Silicon	SE2HB08GS1	64Gb TLC x 1	8GB		4.5	11.5x13	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	D/A	D/A	note 1.	
ESSENCORE	I3E-8GTH2CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	D/A	T/A	D/A	T/A	D/A	T/A	D/A	D/A	D/A	D/A		
ESSENCORE	I3E-8GTH7CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK312X	RK3036 PX35E	RK3368 RK3368H RK3368	RK3066 RK3066	RK3228(A/ B/B2) / RK3229	RK3399	RK3228H	RK3328	RK3026 RK3028A	Remark	
AcSip	NCMMCS08G	64Gb TLC x 1	8GB	19nm	4.51	12 x 16	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
AcSip	NCMMCS16G	64Gb TLC x 2	16GB	19nm	4.51	12 x 16	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
AcSip	NCMMCA08G	64Gb TLC x 1	8GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
AcSip	NCMMCA16G	64Gb TLC x 2	16GB	19nm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
sdevices	C2A113DT40	64Gb TLC x 1	8GB	19nm	4.51	12 x 16	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
sdevices	C2A123DT40	64Gb TLC x 2	16GB	19nm	4.51	12 x 16	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
Leahkinn	KMZ5500FS-UZb1-SA	64Gb TLC x 2	16GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
Leahkinn	KMZ0500FS-UZb1-SA	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
AVEXIR	AVEC008G-FA6	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
AVEXIR	AVEC0016G-FA6	64Gb TLC x 2	16GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
Fastable	EM100C-008GT-SS	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
Fastable	EM100C-016GT-SS	64Gb TLC x 2	16GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
BARUN	BEM08S1B60XA-A3CT	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
EUDAR	EMS1ASCBT1FC008	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
EUDAR	EMS1ASCBT2FC016	64Gb TLC x 2	16GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	
DASIMA	DTA11CA-8GB	64Gb TLC x 1	8GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	使用 2014/10/30 以後之量產工 具 (PDT)
DASIMA	DTA11CA-16GB	64Gb TLC x 2	16GB	19nm	4.51	11.5x13	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	note 1.	

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