

Rockchip Solutions eMMC Support List

Ver 1.42

2018-11-30

◆ 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、 THGBM5G6A2JBAIR 、 THGBM5G7A2JBAIM and THGBM5G8A4JBAIM.	2012.8.9
1.08	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIR, 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,KLMBG4WEBC-B031,KLMCG8WEBC-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,NCEFEH58-04G,NCEFEH58-08G,NCEFEH58-16G,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 NCEFEM48-04G 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, NCEMAH59-16G, 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, NCEMBD39-16G, REMSAT408GSBB, REMSAT416GDBB, BWATGSC21C16G, BWAMDIC21C32G, MC1M04M1L3AB, MC1M08M2L3AB, MC1M16M4L3AB, MC1M16M4L3AB, SE2HB08GH1, SE2HB08AGH1, SE2HB08GH1, 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
1.39	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
1.40	1. Add RV1108 and RV1107 2. Add EMMC16G-TB28, EMMC32G-TA28, EMMC64-TA28 and NCEMASLD-32G.	2018.09.15
1.41	1. Add IMM16GY95SKB-WT, IMM32GY95DKB-WT, SDINBDG4-8GB-B, SDINBDG4-16GB-B, SDINBDG4-32GB-B 2. Remove some EOL devices	2018.10.30
1.42	1. Add UNMEN05GC1C31AS, NCEMAD9D-16G, NCEMASLD-64G and EMMF5BA-032GC.	2018.11.30

◆ 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 RK312X RK312X	RK3368 RK3368H RK3368H RK3368H	RK3308	RK3228(A/ B/B2) RK3229	RK3399	RKPX30 RK3326	RK3328 RK3228H	RV1108 RV1107	Remark	
Toshiba	THGBM5G5A1JBAIR	32Gb MLC x 1	4GB	19nm	4.41	11.5 x 13	D/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM5G6A2JBAIR	32Gb MLC x 2	8GB	19nm	4.41	11.5 x 13	T/A	✓	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM5G7A2JBAIM	64Gb MLC x 2	16GB	19nm	4.41	12x16	D/A	D/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM5G8A4JBAIM	64Gb MLC x 4	32GB	19nm	4.41	12x16	D/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM5G9B8JBAIE	64Gb MLC x 8	64GB	19nm	4.41	12x16	D/A	D/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM5G7A2JBAIR	64Gb MLC x 2	16GB	19nm	4.41	11.5 x 13	D/A	✓	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG7D2KBAIL	64Gb MLC x 2	16GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG9D8KBAIL	64Gb MLC x 8	64GB	19Anm	5.0	11.5 x 13	T/A	D/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMAG5A1JBAIR	32Gb MLC x 1	4GB	19Anm	4.51	11.5 x 13	T/A	T/A	T/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG6D1KBAIL	64Gb MLC x1	8GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMAG6A2JBAIR	64Gb MLC x1	8GB	19Anm	4.51	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG5D1KBAIL	64Gb MLC x1	4GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG8D4KBAIL	64Gb MLC x4	32GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBMBG7D2KBAIL	64Gb MLC x 2	16GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	N/A	N/A		EOL
Toshiba	THGBM9G8T4KBAIL	64Gb TLC x4	32GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	N/A	N/A	note 1.	EOL
Toshiba	THGBM9G9T8KBAIL	64Gb TLC x8	64GB	19Anm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	N/A	N/A	note 1.	EOL
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	THGBMFG8C4LBAIL	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	THGBMHG8C4LBAIL	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	THGBMHG9C4LBAIL	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		
Toshiba	THGBMNG5D1LBAIL	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		

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RK316X RK318X RK313X	RK3036 RK312X RK3035E	RK3368 RK3368H RK3355	RK3308	RK3228(A/ B/B2) RK3229	RK3399	RKPX30 RK3326	RK3328 RK3228H	RV1108 RV1107	Remark	
Samsung	KLM8G1GEAC-B001	64Gb MLC x 1	8GB	19nm	4.5	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/A	note 1.	EOL
Samsung	KLMBG4WEBC-B031	64Gb TLC x 4	32GB	19nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLMCG8WEBC-B031	64Gb TLC x 8	64GB	19nm	5.0	11.5 x 13	D/A	D/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/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	N/A	T/A	T/A	N/A	D/A	N/A	note 1.	EOL
Samsung	KLMAG2WEPD-B031	64Gb TLC x 2	16GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	T/A	N/A	T/A	N/A	note 1.	EOL
Samsung	KLMBG4WEBD-B031	64Gb TLC x 4	32GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLMCG8WEBD-B031	64Gb TLC x 8	64GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLM8G1GEND-B031	64Gb MLC x 1	8GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	T/A	N/A		EOL
Samsung	KLMAG2GEND-B031	64Gb MLC x 2	16GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	T/A	N/A	D/A	N/A		EOL
Samsung	KLMBG4GEND-B031	64Gb MLC x 4	32GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLMCG8GEND-B031	64Gb MLC x 8	64GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLMDGAWEBD-B031	64Gb TLC x 16	128GB	16nm	5.0	11.5 x 13	T/A	T/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
Samsung	KLM4G1FEPD-B031	32Gb MLC x 1	4GB	16nm	5.0	11.5 x 9	D/A	D/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		EOL
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	√	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 RK3135E	RK3368 RK3368H RK33X5	RK3308	RK3228(A/ B/B2) RK3229	RK3399	RKPX30 RK3326	RK3328 RK3228H	RV1108 RV1107	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	N/A	D/A	N/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	N/A	D/A	N/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	N/A	D/A	N/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	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/A	note 1.	EOL
FORESEE	NCFES76-08G	64Gb TLC x 1	8GB	21nm	4.41	11.5x13.5	D/A	✓	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/A	note 1.	EOL
FORESEE	NCFES76-16G	64Gb TLC x 2	16GB	21nm	4.41	11.5x13.5	D/A	✓	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/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	N/A	D/A	D/A	N/A	D/A	N/A	note 1.	EOL
FORESEE	NCFES78-08G	64Gb TLC x 1	8GB	21nm	4.51	11.5x13.5	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/A	note 1.	EOL
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		
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		
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.	
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		
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.	
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.	
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		
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		
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.	
FORESEE	NCEMASLD-32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCEMASLD-64G	256Gb TLC x 1	64GB	3D	5.1	11.5x13	T/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
FORESEE	NCEMAD9D-16G	128Gb TLC x 1	16GB	3D	5.1	11.5x13	T/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 RK318X	RK3036 RK312X RK312X	RK3368 RK3368H RK3368H	RK3308	RK3228(A/ B/B2) RK3229	RK3399	RKPX30 RK3326	RK3328 RK3228H	RV1108 RV1107	Remark	
FDI	MC0M08M1L0AA	64Gb MLC x 1	8GB	20nm	4.51	12 x 16	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/A		
FDI	MC0M16M2L0AA	64Gb MLC x 2	16GB	20nm	4.51	12 x 16	T/A	T/A	D/A	D/A	N/A	D/A	D/A	N/A	D/A	N/A		
FDI	MC1M04M1L3AB		4GB				D/A	D/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		
FDI	MC1M08M2L3AB		8GB				D/A	D/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/A		
FDI	MC1M16M4L3AB		16GB				D/A	D/A	D/A	D/A	N/A	T/A	D/A	N/A	D/A	N/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		
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		
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.	
ESSENCECORE	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		
ESSENCECORE	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		

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