

Rockchip Solutions eMMC Support List

Ver 1.61

2021-10-27

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◆ Symbol

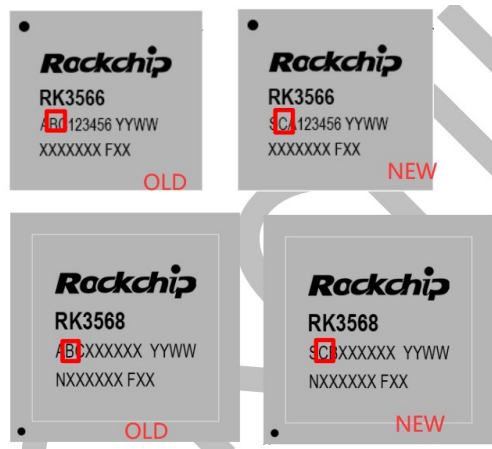
Symbol	Description
✓	Fully Tested , Applicable and Mass Production
T/A	Fully Tested , Applicable and Ready for Mass Production
S/A	The Samples have Passed the Reliability Test. However, the Platform Compatibility Test was also required before Mass Production.
D/A	Datasheet Applicable,Need Sample to Test.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

◆ Note

这个版本支持列表不适用于RK3566和RK3568旧版芯片，芯片型号下 LOT 号第二位字母是B的为旧版芯片，字母是C的为新版芯片。
旧版芯片请参考：RKeMMCSupportList Ver1.59_2021_08_09.pdf

For previous versions of rk3566 and rk3568, please refer to RkeMMCSupportList Ver1.59_2021_08_09.pdf

The second letter of lot number under the chip model is “C” , which is the previous versions chip, and the letter “C” is the new versions chip.



◆ 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.	2012.02.02
1.07	1.Add RK30xx Chipset Support List. 2.Add NCEMBS41-04G 、 NCEMBS41-08G、 THGBM5G6A2JBAIL、 THGBM5G7A2JBAIL and THGBM5G8A4JBAIL.	2012.08.09
1.08	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIL, AE1DF04GAK-000MAA,AE1DE04GAK-000MAA,AE1DG08GAK-000MAA,AE1DG16GBK-000MAA,AE1DD08GAK-000MAC,AE1DD16GBK-000MAC and AE1DD32GCK-000MAC	2012.11.08
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.	2013.04.15
1.10	1. Add H26M42003GMR , H26M54003EMR , H26M68003DCR,KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , etc.	2013.08.15
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	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,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 . 2. Add RK3036 and RK312X SupportList.	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	1. Add RK3368 SupportList. 2. Add THGBMBG5D1KBAIL,THGBM9G9T8KBAIL,SDIN9DS2-32G,SDIN9DS2-16G,KLMBG4WEBD-B031,KLMCG8WEBD-B031,etc	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	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
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, 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,KLMAG1JETD-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
1.43	1. Add RK1808 and RK3399PRO 2. Add KLM4G1FETE-B041,MME2736E1DA17DA,MME2736F1DA17DA,MME2736G1DA17DA,UNMEN05GC1C31AS,EMMF5BB-008G and EMMF5BB-016G	2019.03.15
1.44	1. Add THGBMJG6C1LBAIL, THGAMRG7T13BAIL, THGAMRG8T13BAIL, TOPDISKA132-32G, TOPDISKA121-16G , H26M51002KPR , H26M62002JPR , H26M74002HPR and UNMEN06GC2C31AS	2019.06.14
1.45	1. Update KLM8G1GETF-B041 KLMAG1JETD-B041 KLMBG2JETD-B041 KLMCG4JETD-B041 status 2. Add IMM16GH73SKB-WT, IMM8GY96SKB-WT ,UNMEN06GC2C31AS and UNMEN07GC4C31BS	2019.08.30
1.46	1. Add MTFC16GAPALBH-IT,MTFC32GAPALBH-IT,MTFC64GAPALBH-IT,MTFC128GAPALNS-IT , THGAMRG9T23BAIL, THGAMRT0T43BAIL , SDINBDA6-16G, SDINBDA6-32G,SDINBDA6-64G ,SDINBDA6-128G, FSEIASOD-16G,FSEIASLD-32G, MME5001G0DH17DA and IMM32GH83SKB-WT. 2. Remove some EOL devices.	2019.09.30
1.47	1. Add EMMC08G-MB29, BWCMMQ511G08G, MME5001F1DH07DA, FEMDRW032G and SDINBDA6-256G 2. Remove some EOL devices. 3. Add test status S/A. 4. Toshiba changed its name to KIOXIA.	2019.11.15
1.48	1. Add EMMC64G-TA28 , THGAMRG7T13BAIL , THGBMJG8C2LBAIL.	2019.12.15
1.49	1. Add BWCTASC11P32G, E32GDSAA1ABE00, GSE51BMS8GL, GSE5ABTS16GX, GSE5ABTS32GX, BSA08GCDHAEET, MME2720G1IA37UB and MME2720H1IA37UB.	2020.04.15
1.50	1. Add FEMDRW032G-88A19, KAS3111, KAS4111, S40FC004C1B1I, FEMDNN032G-58k73, FEMDNN064G-58k72 and IS21ES16G-JCLI. 2. Add RV1109 and RV1126	2020.06.05
1.51	1. Add MX52LM08A11XV, MEMA032G, MEMA016G, KLMDG4UCTB-B041, KLMCG2UCTB-B041, YMEC6A2TB1A2C3, YMEC7A2TB2A2C3, ENEAGQ8BE1MR-H9, FEMDNN004G-58A42, BWCTAK411G32G.	2020.08.10
1.52	1. Add FEMDNN016G-58A43, FEMDNN128G-58k72 and SGM8000C-S27B8G.	2020.09.10
1.53	1. Add SDINBDA2-16G, HG-EMC032-N1110 and HG-EMC064-N1110.	2020.10.15
1.54	1. Add YMEC8A2TB3A2C3 and KASA6211.	2020.11.18
1.55	1. Add SDINBDA6-16G-H, EMMC04G-MK27, HG-EMC032-N1510, HG-EMC064-N1510, HG-EMC128-N1510, FSEIASLD-64G, FSEIASLD-128G, FEMDRM016G-58A43 and SGM8000C-S21BAG. 2. Add RK3568 and RK3566.	2021.03.05
1.56	1. Modify the status of some EMMCs on rk3566 and rk3568 platforms to not supported(N/A). 2. Add EMMC32G-TX29, EMMC64G-TX29, EMMC128G-TX29 and SGM8000C-S03BBG.	2021.03.25
1.57	1. Add BWCTAK421G64G, HG-EMC008-N1110, EMMC16G-TB29 and FEMDRW008G-88A37. 2. Change some devices from DA status to TA status.	2021.05.06
1.58	1. Add FEMDNN032G-A3A55, FEMDNN064G-A3A56, BWCTAK611G16G, FEMDNN008G-58A39 , SGM8100C-Y02BCG , SGM8100C-Y02BBG, MC08AUA2ASAEA, E08GDSGF1ABE00, E16GDH8D1ABE00, E32GCYNB1ABE00, CTE4A0YJ-32GE and HSEMSBS2S2B32G. 2. Change some devices from DA status to TA status.	2021.06.30
1.59	1. Add MC04AUM1ASAEA, E128BSAA4ABE00, HSEMSBS2D2B64G, XPA72EA0E-008, EMMC08G-ML36, SDINBDA6-32G-H and SDINBDA6-64G-H. 2. Change some devices from DA status to TA status.	2021.08.09

1.60	1. Add EMMC32G-TJ30, EMMC128-TA29, FEMDNN256G-A3A44, SGM8000C-S03BCG, SGM8100C-Y02DDG, EMC032TYD-X1PWA and EMDNN064G-A3A44. 2. Add particles that can be supported by the new version of rk356x.	2021.09.10
1.61	1. Add BWCTAK411G32G, EMMC64G-TJ30, PNE5A0YG-08GE, FEMDRW016G-88A43, MME5001G1DH07DA, BWCTASC21P64G, FEMDRM008G-58A39, FEMDRW008G-88A39, and BWCTA1311X32G. 2. Change some devices from DA status to TA status.	2021.10.27

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3568 RK3566	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	N/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	N/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	N/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	N/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	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	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	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	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	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	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	S/A		
Kingston	EMMC08G-MB29	64Gb MLC x 1	8GB	15nm	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	S/A		
Kingston	EMMC04G-MK27	32Gb MLC x 1	4GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A		
Kingston	EMMC32G-TX29	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	T/A	T/A	S/A	S/A		
Kingston	EMMC64G-TX29	256Gb TLC x 2	32GB	3D	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	S/A		
Kingston	EMMC128G-TX29	256Gb TLC x 4	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
Kingston	EMMC16G-TB29	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	T/A	S/A	S/A	S/A		
Kingston	EMMC08G-ML36	64Gb MLC x 1	8GB		5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
Kingston	EMMC32G-TJ30	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	T/A	S/A	S/A	S/A		
Kingston	EMMC128-TA29	256Gb TLC x 4	128GB	3D	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	S/A		
Kingston	EMMC64G-TJ30	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	S/A		
KOWIN	KAS03111	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	S/A		
KOWIN	KAS04111	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	S/A		
KOWIN	KASA6211	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
KOWIN	KASA7211	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	S/A		
ISSI	IS21ES16G-JCLI	128Gb MLC x 1	16GB		5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
SkyHigh	S40FC004C1B1C	32Gb MLC x 1	4GB	2D	5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
SkyHigh	S40FC004C1B1I	32Gb MLC x 1	4GB	2D	5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3568 RK3566	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
FORESEE	NCEMASLD-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	S/A		
FORESEE	NCEMASLD-64G	256Gb TLC x 2	64GB	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	S/A		
FORESEE	NCEMAD9D-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	S/A		
FORESEE	NCEMAD9D-08G	3D TLC x 1	8GB	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	S/A		
FORESEE	FSEIASOD-16G	128Gb MLC x 1	16GB	14nm	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
FORESEE	FSEIASLD-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	S/A		
FORESEE	FEMDRW032G	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	S/A		
FORESEE	FEMDNN004G-58A42	32Gb MLC x 1	4GB		5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
FORESEE	FEMDNN008G-08A39	64Gb MLC x 1	8GB	14nm	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A		
FORESEE	FEMDRW064G-88A19	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	S/A		
FORESEE	FEMDRW032G-88A19	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	S/A		
FORESEE	FEMDNN016G-58A43	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	T/A	S/A	S/A	S/A		
FORESEE	FEMDNN032G-58k73	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	S/A		
FORESEE	FEMDNN064G-58k72	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	S/A		
FORESEE	FEMDNN128G-58k72	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	S/A		
FORESEE	FSEIASLD-64G	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
FORESEE	FSEIASLD-128G	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
FORESEE	FEMDRM016G-58A43	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	S/A		
FORESEE	FEMDRW008G-88A37	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
FORESEE	FEMDNN032G-A3A55	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	T/A	S/A	S/A	S/A		
FORESEE	FEMDNN064G-A3A56	512Gb TLC x 1	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	S/A		
FORESEE	FEMDNN008G-58A39	64Gb MLC x 1	8GB	14nm	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
FORESEE	NCEMASLD-128	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
FORESEE	FEMDNN256G-A3A44	512Gb TLC x 4	256GB	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	S/A		
FORESEE	FEMDNN064G-A3A44	512Gb TLC x 1	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
FORESEE	FEMDRW016G-88A43	128Gb MLC x 1	16GB	14nm	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
FORESEE	FEMDRM008G-58A39	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
FORESEE	FEMDRW008G-88A39	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
ISOCOM	MEMA016G	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	S/A		
ISOCOM	MEMA032G	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	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3568 RK3566	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
BIWIN	BWCMMQ511G08G	64Gb MLC x 1	8GB	2D	5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A		
BIWIN	BWCTASC11P32G	256Gb TLC x 1	32GB	3D	5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
BIWIN	BWCTAK411G32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
BIWIN	BWCTAK421G64G	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	S/A		
BIWIN	BWCTAK611G16G	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	S/A		
BIWIN	BWCTAK411G32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
BIWIN	BWCTASC21P64G	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
BIWIN	BWCTA1311X32G	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	S/A		
SCY	E32GDSAA1ABE00	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
SCY	E08GDSGF1ABE00	64Gb MLC x 1	8GB	2D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
SCY	E16GDH8D1ABE00	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	S/A		
SCY	E32GCYNB1ABE00	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	S/A		
SCY	E128BSAA4ABE00	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
SCY	E128BIB64ABE00	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
SCY	E64GDSAA2ABE00	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	T/A	S/A	S/A	S/A		
SiliconGo	SGM8000C-S27B8G	64Gb MLC x 1	8GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
SiliconGo	SGM8000C-S21BAG	128Gb MLC x 1	16GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
SiliconGo	SGM8000C-S03BBG	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
SiliconGo	SGM8100C-Y02BBG	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	T/A	S/A	S/A	S/A		
SiliconGo	SGM8100C-Y02BCG	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	T/A	S/A	S/A	S/A		
SiliconGo	SGM8000C-S03BCG	512Gb TLC x 1	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
SiliconGo	SGM8100C-Y02DDG	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
HOSIN	HG-EMC032-N1110	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	T/A	S/A	S/A	S/A		
HOSIN	HG-EMC064-N1110	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	T/A	S/A	S/A	S/A		
HOSIN	HG-EMC032-N1510	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
HOSIN	HG-EMC064-N1510	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
HOSIN	HG-EMC128-N1510	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
HOSIN	HG-EMC008-N1110	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3568 RK3566	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	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	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	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	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	S/A		
MMY	MME2720G1IA37UB	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	S/A		
MMY	MME2720H1IA37UB	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/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	S/A	S/A	T/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	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	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	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	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	T/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	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	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	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	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	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	S/A		
BARUN	BSA08GCDHAEET	64Gb TLC x 1	8GB	16nm	5.1	11.5x13	S/A	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	note 1.	
MXIC	MX52LM08A11XV	64Gb MLC x 1	8GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
JSC	MC08AUA2ASAEA	64Gb MLC x 1	8GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
JSC	MC04AUM1ASAEA	32Gb MLC x 1	4GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3568 RK3566	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
HIKSEMI	HSEMSBS2S2B32G	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	T/A	S/A	S/A	S/A		
HIKSEMI	HSEMSBS2D2B64G	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
GOKE	XPA72EA0E-008	64Gb MLC x 1	8GB		5.1	11.5x13	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
ICMAX	IMM8GY96SKB-WT		8GB		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	S/A		
ICMAX	IMM16GH73SKB-WT	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	S/A		
ICMAX	IMM32GH83SKB-WT	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	S/A		
ICMAX	IMM16GH95SKB-WT	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	S/A		
YMTC	YMEC6A2TB1A2C3	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	T/A	S/A	S/A	S/A		
YMTC	YMEC7A2TB2A2C3	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	T/A	S/A	S/A	S/A		
YMTC	YMEC8A2TB3A2C3	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	T/A	S/A	S/A	S/A		
PHISON	PTE4A0YJ-32GE	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
PHISON	PTE4A0YJ-64GE	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
PHISON	PTE4A0YJ-X28E	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
PHISON	PNE5A0YG-08GE	64Gb MLC x 1	8GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/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	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	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	S/A		
SINKER	EMC032TYD-X1PWA	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	T/A	S/A	S/A	S/A	S/A		