

Rockchip Solutions eMMC Support List

Ver 1.57

2021-05-06

The latest support list download from : <https://redmine.rock-chips.com/documents/50>

◆ 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、 THGBM5G6A2JBAIR 、 THGBM5G7A2JBAIM and THGBM5G8A4JBAIM. | 2012.08.09 |
| 1.08 | 1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIR, 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, 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,NCEFES88-04G,NCEFES78-08G,NCEFB598-16G,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,THGBM9G9T8KBAIG,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 |
| | | |
| | | |
| | | |
| | | |

◆ 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.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

| 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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | S/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 | S/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 | S/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 | S/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 | N/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 | N/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 | | |
| | | | | | | | | | | | | | | | | | | | | |
| 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 | N/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 | N/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 | N/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 | N/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 | S/A | S/A | N/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 | S/A | S/A | N/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 RK3303SE | RK3368 RK3368H RK3305 | RK3308 | RK3228(A/B/B2) RK3229 | RK3399/ RK3399PRO | RKPX30 RK3326 | RK3568 RK3566 | RK3328 RK3228H | RK1808 | RV1108 RV1107 | Remark | |
|--------------|------------------|--------------------|-----------|---------|---------|---------------|--------|------------------|------------------------------|-----------------------------|--------|--------------------------|----------------------|------------------|------------------|-------------------|--------|------------------|---------|--|
| FORESEE | NCEMAD7B-08G | 64Gb TLC x 1 | 8GB | 15nm | 5.1 | 11.5x13 | S/A | S/A | S/A | S/A | S/A | T/A | S/A | S/A | N/A | S/A | S/A | S/A | note 1. | |
| FORESEE | NCEMAD6B-16G | 128Gb TLC x 1 | 16GB | 15nm | 5.1 | 11.5x13 | T/A | S/A | S/A | S/A | S/A | S/A | S/A | S/A | N/A | S/A | S/A | S/A | note 1. | |
| 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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/A | S/A | S/A | S/A | | |
| FORESEE | FEMDRW008G-88A37 | | 64GB | | 5.1 | 11.5x13 | S/A | S/A | S/A | S/A | S/A | S/A | S/A | S/A | N/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 | N/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 | N/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 | | 5.0 | 11.5x13 | S/A | S/A | S/A | S/A | S/A | S/A | S/A | T/A | N/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 | N/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 | N/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 | N/A | S/A | S/A | S/A | | |
| | | | | | | | | | | | | | | | | | | | | |
| SCY | E32GDSAA1ABE00 | 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 | N/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 | N/A | S/A | S/A | S/A | note 1. | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| MXIC | MX52LM08A11XV | 64Gb MLC x 1 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 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 | S/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 | N/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 | N/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 | N/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 | N/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 | S/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 | S/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 | S/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 | S/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 | S/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 | 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 | |
|--------------|-----------------|--------------------|-----------|---------|---------|---------------|--------|---------------|-----------------------|----------------------|--------|-----------------------|-------------------|---------------|---------------|----------------|--------|---------------|--------|-----|
| 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 | N/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 | N/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 | N/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 | N/A | S/A | S/A | S/A | | |
| MMY | MME2720H1IA37UB | 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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/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 | N/A | S/A | S/A | S/A | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |