

Rockchip Solutions eMMC Support List

Ver 1.33

2017-02-15



• 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 | Add RK316X and RK318X SupportList. Add T/A test status. 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 | 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,NCEFBS98- 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 RK312XSupportList。 | 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, 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 | Add I3E-8GTH2CMRE Change some device from DA status to TA status | 2016.11.28 |
| 1.32 | Change some device from DA status to TA status Add I3E-8GTH7CMRE | 2017.01.06 |
| 1.33 | 1. Add KLM8G1GENS-B041 2. Add RK3328 | 2017.02.15 |
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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 infomation.



| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ırk |
|--------------|---------------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|------|-----|
| Micron | MTFC4GACAAEA-WT | 32Gb MLC x 1 | 4GB | 20nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | EOL |
| Micron | MTFC8GACAAEA-WT | 32Gb MLC x 2 | 8GB | 20nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | EOL |
| Micron | MTFC4GACAAAM-1M WT | 32Gb MLC x 1 | 4GB | 20nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | EOL |
| Micron | MTFC8GACAAAM-1M WT | 32Gb MLC x 2 | 8GB | 20nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | EOL |
| Micron | MTFC16GAKAECN-2M WT | 64Gb MLC x 2 | 16GB | 20nm | 5.0 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| Micron | MTFC8GLCDM-1M WT | 32Gb MLC x 2 | 8GB | 20nm | 4.51 | 11.5 x 13 | D/A | D/A | D/A | T/A | D/A | T/A | D/A | D/A | D/A | | |
| Micron | MTFC4GACAJCN-1M WT | 32Gb MLC x 1 | 4GB | 20nm | 5.0 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| Micron | MTFC8GAKAJCN-1M WT | 32Gb MLC x 2 | 8GB | 20nm | 5.0 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ark |
|--------------|-----------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-----|
| 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 | | 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 | | 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 | | 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 | | 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 | | 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 | 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 | T/A | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | 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 | 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| Toshiba | THGBMHG8C2LBAIL | 128Gb MLC x2 | 32 GB | 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 | | |



| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | rk |
|--------------|------------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|------------------|-----|
| 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 | 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 | | 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 | | 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 | | 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 | 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 | 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 | | 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 | | 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 | | 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 | 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | N/A | VCCQ : only 1.8V | |
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| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ark |
|--------------|---------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-----|
| SKhynix | H26M31003GMR | 32Gb MLC x 1 | 4GB | 20nm | 4.5 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | EOL |
| SKhynix | H26M42003GMR | 32Gb MLC x 2 | 8GB | 20nm | 4.5 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | EOL |
| SKhynix | H26M54003EMR | 32Gb MLC x 4 | 16GB | 20nm | 4.5 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | EOL |
| SKhynix | H26M68003DCR | 32Gb MLC x 8 | 32GB | 20nm | 4.5 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | EOL |
| SKhynix | H26M52003EQR | 64Gb MLC x 2 | 16GB | 20nm | 4.5 | 16 x 12 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | EOL |
| SKhynix | H26M41103HPR | 64Gb MLC x 1 | 8GB | 16nm | 5.0 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | |
| SKhynix | H26M52103FMR | 64Gb MLC x 2 | 16GB | 16nm | 5.0 | 11.5 x 13 | T/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | |
| SKhynix | H26M64103EMR | 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 | | |
| SKhynix | H26M78103CCR | 64Gb MLC x 8 | 64GB | 16nm | 5.0 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| SKHynix | H26M41103HPRL | 64Gb MLC x 1 | 8GB | 16nm | 5.0 | 11.5 x 13 | T/A | D/A | D/A | T/A | D/A | T/A | D/A | D/A | D/A | | |
| SKHynix | H26T55001FPR | 64Gb TLC x 2 | 16GB | 16nm | 5.0 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | note 1. | |
| SKHynix | H26M41204HPR | 64Gb MLC x 1 | 8GB | 16nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| SKHynix | H26M52208FPR | 64Gb MLC x 2 | 16GB | 16nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| SKHynix | H26M64208EMR | 64Gb MLC x 4 | 32GB | 16nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| SKHynix | H26M78208CMR | 64Gb MLC x 8 | 64GB | 16nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ark |
|--------------|-----------------|-----------------------|---------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-----|
| 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 | | 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 | | EOL |
| Samsung | KLMBG4GEAC-B001 | 64Gb MLC x 4 | 32 G B | 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 | | 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 | | 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 | | 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 | | EOL |
| Samsung | KLMBG4GEAC-B031 | 64Gb MLC x 4 | 32 G B | 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 | | 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 | | 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 | 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 | note 1. | EOL |
| Samsung | KLMBG4WEBC-B031 | 64Gb TLC x 4 | 32 G B | 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 | | EOL |
| Samsung | KLMCG8WEBC-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 | | 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 | 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 | 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 | | |
| 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 | | |
| 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 | 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | D/A | D/A | T/A | D/A | | |



| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ark |
|--------------|--------------|-----------------------|---------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-------------------|
| Kingston | KE4CN2H5A | 32Gb MLC x 1 | 4GB | | | | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | KE4CN3H5A | 32Gb MLC x 2 | 8GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | KE4CN3K6A | 64Gb MLC x 1 | 8GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | KE4CN4K6A | 64Gb MLC x 2 | 16GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | KE4CN5B6A | 64Gb MLC x 4 | 32GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | KE4CN6C6A | 64Gb MLC x 8 | 64GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | EOL | |
| Kingston | eMMC8G-S100 | 64Gb MLC x 1 | 8GB | A19nm | 4.51 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | EOL | - |
| Kingston | eMMC16G-S100 | 64Gb MLC x 2 | 16GB | A19nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | EOL | 需要支持 "reliable |
| Kingston | eMMC8G-V100 | 64Gb TLC x 1 | 8GB | A19nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | note 1. | write"版 本 |
| Kingston | eMMC16G-V100 | 64Gb TLC x 2 | 16GB | A19nm | 4.51 | 11.5 x 13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | note 1. | 4 |
| Kingston | eMMC32G-S100 | 64Gb MLC x 4 | 32 G B | A19nm | 4.51 | 11.5 x 13 | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| Kingston | EMMC16G-M525 | 128Gb MLC x 1 | 16GB | 15nm | 5.1 | 11.5 x 13 | T/A | D/A | D/A | D/A | D/A | T/A | T/A | D/A | D/A | | |
| Kingston | EMMC32G-M525 | 128Gb MLC x 2 | 32 G B | 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 | | |
| Kingston | EMMC64G-M525 | 128Gb MLC x 4 | 64GB | 15nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| Kingston | EMMC08G-M325 | 64Gb MLC x 1 | 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 | | |
| Kingston | EMMC04G-M627 | 32Gb MLC x 1 | 4GB | 15nm | 5.1 | 11.5 x 13 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ırk |
|--------------|--------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-------|
| 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 | 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 | 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 | 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 | note 1. | EOL |
| FORESEE | NCEFES86-04G | 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 | note 1. | EOL |
| FORESEE | NCEFES76-08G | 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 | note 1. | EOL |
| FORESEE | NCEFES76-16G | 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 | note 1. | EOL |
| FORESEE | NCEFEH58-08G | 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 | | |
| FORESEE | NCEFEH58-16G | 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 | | |
| FORESEE | NCEFEH58-32G | 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 | | |
| FORESEE | NCEFES88-04G | 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 | note 1. | |
| FORESEE | NCEFES78-08G | 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 | note 1. | |
| FORESEE | NCEFBS98-16G | 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 | 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 | | 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 | | 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 | 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 | | HS200 |
| FORESEE | NCEFEM48-04G | 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 | | |
| FORESEE | NCEFAT28-08G | 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 | 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 | 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 | note 1. | HS200 |
| FORESEE | NCEMBD39-16G | 128Gb MLC x 1 | 16GB | 16nm | 5.0 | 12 x 16 | 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 | | HS200 |
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| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | rk |
|--------------|-------------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|------|----|
| ADATA | AE1DF04GAK-000MAA | 32Gb MLC*1 | 4GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | |
| ADATA | AE1DG08GAK-000MAA | 64Gb MLC*1 | 8GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | |
| ADATA | AE1DG16GBK-000MAA | 64Gb MLC*2 | 16GB | | | | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | | |
| ADATA | AE1DD08GAK-000MAC | 64Gb MLC*1 | 8GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| ADATA | AE1DD16GBK-000MAC | 64Gb MLC*2 | 16GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| ADATA | AE1DD32GCK-000MAC | 64Gb MLC*4 | 32GB | | | | 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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Remark | |
|--------------|---------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|--------|--|
| RAMAXEL | REMMAMG2SOAA | 32Gb | 4GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| RAMAXEL | REMMAMG3DOAA | 64Gb | 8GB | | | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| RAMAXEL | REMSAMG3SOAA | 64Gb MLC x 1 | 8GB | 20nm | 4.41 | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| RAMAXEL | REMSAMG4DOAA | 64Gb MLC x 2 | 16GB | 20nm | 4.41 | | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| RAMAXEL | REMKDM316GSBB | 64Gb MLC x 2 | 16GB | 16nm | 5.0 | 11.5x13 | D/A | D/A | D/A | T/A | D/A | D/A | D/A | D/A | D/A | | |
| RAMAXEL | REMKDM104GSBB | 32Gb MLC x 1 | 4GB | | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| RAMAXEL | REMKDM308GSBB | 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 | | |
| RAMAXEL | REMKDM316GDBB | 64Gb MLC x 2 | 16GB | 16nm | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| RAMAXEL | REMKDM332GQBB | 64Gb MLC x 4 | 32GB | 16nm | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| RAMAXEL | REMSAT408GSBB | 64Gb TLC x 1 | 8GB | | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/A | D/A | D/A | D/A | | |
| RAMAXEL | REMSAT416GDBB | 64Gb TLC x 2 | 16GB | | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ırk |
|--------------|----------------|-----------------------|---------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-----|
| BIWIN | BWAMGTB11A08G | 64Gb MLC x 1 | 8GB | | 4.51 | 12x16 | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | |
| BIWIN | BWAMGTB21A16G | 64Gb MLC x 2 | 16GB | | 4.51 | 12x16 | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | T/A | | |
| BIWIN | BWAMGTB41A32G | 64Gb MLC x 4 | 32 G B | | 4.51 | 12x16 | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| BIWIN | BWAMGIA21C16GR | 64Gb MLC x 2 | 16GB | | 4.51 | 12x16 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| BIWIN | BWATGSC11C08G | 64Gb TLC x 1 | 8GB | | 4.51 | 12x16 | D/A | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | note 1. | EOL |
| BIWIN | BWATGSC21C16G | 64Gb TLC x 2 | 16GB | | 4.51 | 12x16 | D/A | D/A | T/A | D/A | D/A | T/A | D/A | D/A | D/A | note 1. | EOL |
| BIWIN | BWCTGSC21G32G | 128Gb TLC x 2 | 32GB | | 5.0 | 12x16 | D/A | D/A | T/A | T/A | D/A | T/A | D/A | D/A | D/A | | |
| BIWIN | BWAMDIC21C32G | 128Gb MLC x 2 | 32GB | | 4.51 | 14x18 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rem | ark |
|--------------|---------------|-----------------------|---------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|-------|
| 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 | 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 | T/A | | |
| FDI | MC1M04M1L3AB | | 4GB | | | | D/A | D/A | D/A | D/A | D/A | T/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 | | |
| FDI | MC1M16M4L3AB | | 16GB | | | | D/A | D/A | D/A | D/A | D/A | T/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 | | 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 | | HS200 |
| Silicon | SE2HB08GH1 | 64Gb MLC x 1 | | | 4.5 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/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 | | |
| Silicon | SE2HB0BGH1 | 64Gb MLC x 4 | 32 G B | | 4.5 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/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 | 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 | | |
| 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 | | |
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| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rem | ark |
|--------------|-------------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|---------|----------------------------------|
| 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 | note 1. | |
| 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 | note 1. | 使用 2014/10/30 |
| 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 | note 1. | 以後之量產 工具(PDT) |
| 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 | note 1. | 15((151) |
| 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 | note 1. | 使用2014/10/30 |
| 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 | note 1. | 以後之量產工具 (PDT) |
| 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 | note 1. | Mr III 001 4 /10 /00 |
| Leahkinn | KMZ0500FS-UZb1-SA | 64Gb TLC x 1 | | 19nm | 4.51 | 11.5x13 | T/A | T/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) |
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| 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 | note 1. | 使用2014/10/30 以後之量產工具 |
| 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 | note 1. | (PDT) |
| 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 | note 1. | 使用2014/10/30 |
| 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 | note 1. | 以後之量產工具 (PDT) |
| 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 | note 1. | 使用2014/10/30 以後之量產工具 (PDT) |
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| 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 | note 1. | 使用2014/10/30 以後之量產工具 |
| 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 | note 1. | 以後之重座工具 (PDT) |
| 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 | note 1. | 使用2014/10/30 |
| 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 | note 1. | 以後之量產工具 (PDT) |
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| Manufacturer | Part Number | Device Size (bits) | Byte Size | Process | Version | PKG size (mm) | RK328X | RK316X RK318X RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ırk |
|--------------|--------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|------|-----|
| SKYMEDI | AVEC008G-FA6 | 64Gb MLC x 1 | 8GB | 19nm | | 11.5x13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| SKYMEDI | SP18A4G751 | 32Gb MLC x 1 | 4GB | 19nm | | 11.5x13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| SKYMEDI | SP18A8G861 | 64Gb MLC x 1 | 8GB | 19nm | | 11.5x13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| SKYMEDI | SP18AAG862 | 64Gb MLC x 2 | 16GB | 19nm | | 11.5x13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| SKYMEDI | SP18A8G752 | 64Gb MLC x 1 | 8GB | 19nm | 5.0 | 11.5x13 | D/A | D/A | D/A | D/A | D/A | T/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 RKPX3 | RK3036 RK312X | RK3368/ PX5 | RK3066 RKPX2 | RK322X | RK3399 | RK3328 | RK3026 RK3028A | Rema | ırk |
|--------------|-------------------|-----------------------|--------------|---------|---------|------------------|--------|---------------------------|------------------|----------------|-----------------|--------|--------|--------|-------------------|------|--|
| Spansion | S404100081B1B1W00 | 64Gb MLC x 1 | 8GB | 20nm | 4.51 | 11.5x13 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
| Spansion | S404100161B1B1W01 | 64Gb MLC x 2 | 16GB | 20nm | 4.51 | 11.5x14 | T/A | T/A | D/A | D/A | D/A | D/A | D/A | D/A | D/A | | |
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