

## Rockchip Solutions eMMC Support List

**Ver 1.10**

**2013-08-15**

## ◆ Revision History

| Revision No. | History   | Date       | Editor |
|--------------|---|------------|--------|
| <b>1.00</b>  | ORG   | 2011.1.24  | ZYF    |
| <b>1.01</b>  | 1.Add Kingston KE44A-268N/4GB.<br>2.Testing result update .   | 2011.3.15  | ZYF    |
| <b>1.02</b>  | 1.Add KLM8G2FEJA-A001, KLMAG4FEJA-A001<br>and SDIN4C2-16G   | 2011.8.29  | ZYF    |
| <b>1.03</b>  | 1.Add KLM4G1EEHM-B101, KLM8G2EEHM-B101, KLMAG4EEHM-B101 ,<br>KLMBG8EEHM-B101 etc.<br>2.Add H26M3A001MMR, H26M21001DAR, H26M32001DAR etc.  | 2011.9.26  | ZYF    |
| <b>1.04</b>  | 1.Add Sandisk SDIN5xx-xxG , THGBM4G7D2GBAIE and<br>THGBM4G6D2HBAIR.   | 2011.10.20 | ZYF    |
| <b>1.05</b>  | 1.Add Micron MTFC8GLTEA-WT and MTFC8GLSEA-IT.   | 2011.12.20 | ZYF    |
| <b>1.06</b>  | 1.Add Samsung KLM2G1HE3F-B001 、 KLM4G1FE3A-A001 and KLM4G1FE3A-M001.  | 2012.2.2   | ZYF    |
| <b>1.07</b>  | 1.Add RK30xx Chipset Support List.<br>2.Add NCEMBS41-04G 、 NCEMBS41-08G、 THGBM5G6A2JBAIR 、<br>THGBM5G7A2JBAIM and THGBM5G8A4JBAIM.  | 2012.8.9   | ZYF    |
| <b>1.08</b>  | 1.Add REMMAMG2SOAA, REMMAMG3DOAA, THGBM5G5A1JBAIR, AE1DF04GAK-<br>000MAA, AE1DE04GAK-000MAA, AE1DG08GAK-000MAA, AE1DG16GBK-<br>000MAA, AE1DD08GAK-000MAC, AE1DD16GBK-000MAC and AE1DD32GCK-000MAC   | 2012.11.8  | ZYF    |
| <b>1.09</b>  | 1. Add <b>RK316X and RK318X</b> SupportList.<br>2. Add <b>T/A</b> test status.<br>3. Add SDIN7DU2-8G, SDIN7DU2-16G, SDIN7DU2-32G, SDIN7DU2-64G, KE4CN3K6A,<br>KE4CN4K6A, KE4CN5B6A , KE4CN6C6A, MTFC4GLWAM-WT, MTFC8GLWAM-WT,<br>H26M42003GMR, NCEMBS61-08G, NCEMBS61-16G, Etc. | 2013.4.15  | ZYF    |

|             |  |           |     |
|-------------|--|-----------|-----|
| <b>1.10</b> | 1. Add H26M42003GMR , H26M54003EMR , H26M68003DCR,KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , Etc. | 2013.8.15 | ZYF |
|-------------|--|-----------|-----|

◆ 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  |

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| Manufacturer | Part Number     | Device Size (bits) | Byte Size | Process | RK29xx | RK316X<br>RK318X | RK292x | RK30xx | Remark |  |  |
|--------------|-----------------|--------------------|-----------|---------|--------|------------------|--------|--------|--------|--|--|
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
| Toshiba      | THGBM1G4D1EBAI7 | 16Gb               | 2GB       | 43nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM1G5D2EBAI7 | 32Gb               | 4GB       | 43nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM1G6D4EBAI4 | 64Gb               | 8GB       | 43nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM1G7D4EBAI2 | 128Gb              | 16GB      | 43nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM1G8D8EBAI2 | 256Gb              | 32GB      | 43nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM3G4D1FBAIG | 16Gb               | 2GB       | 32nm    | T/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM3G5D1FBAIE | 32Gb               | 4GB       | 32nm    | T/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM2G6D2FBAI9 | 64Gb               | 8GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM2G7D4FBAI9 | 128Gb              | 16GB      | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM2G8D8FBAIB | 256Gb              | 32GB      | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM4G4D1HBAIR | 16Gb               | 2GB       | 24nm    | T/A    | D/A              | D/A    | T/A    |        |  |  |
| Toshiba      | THGBM4G6D2HBAIR | 64Gb               | 8GB       | 24nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM4G7D2GBAIE | 128Gb              | 16GB      | 24nm    | T/A    | T/A              | T/A    | T/A    |        |  |  |
| Toshiba      | THGBM6G6T1JBAIR | 64Gb               | 8GB       | 19nm    | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| Toshiba      | THGBM6G7T2JBAIM | 128Gb              | 16GB      | 19nm    | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| Toshiba      | THGBM5G5A1JBAIR | 32Gb MLC x 1       | 4GB       | 19nm    | T/A    | T/A              | T/A    | T/A    |        |  |  |
| Toshiba      | THGBM5G6A2JBAIR | 32Gb MLC x 2       | 8GB       | 19nm    | D/A    | √                | T/A    | T/A    |        |  |  |
| Toshiba      | THGBM5G7A2JBAIM | 64Gb MLC x 2       | 16GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM5G8A4JBAIM | 64Gb MLC x 4       | 32GB      | 19nm    | D/A    | T/A              | T/A    | T/A    |        |  |  |
| Toshiba      | THGBM5G9B8JBAIE | 64Gb MLC x 8       | 64GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Toshiba      | THGBM5G7A2JBAIR | 64Gb MLC x 2       | 16GB      | 19nm    | D/A    | T/A              | T/A    | T/A    |        |  |  |
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
|              |                 |                    |           |         |        |                  |        |        |        |  |  |

| Manufacturer | Part Number  | Device Size (bits) | Byte Size | Process | RK29xx | RK316X<br>RK318X | RK292x | RK30xx | Remark |  |  |
|--------------|--------------|--------------------|-----------|---------|--------|------------------|--------|--------|--------|--|--|
|              |              |                    |           |         |        |                  |        |        |        |  |  |
| SanDisk      | SDIN4C2-4G   | 32Gb               | 4GB       |         | T/A    | N/A              | N/A    | N/A    |        |  |  |
| SanDisk      | SDIN4C2-8G   | 64Gb               | 8GB       |         | T/A    | N/A              | N/A    | N/A    |        |  |  |
| SanDisk      | SDIN4C2-16G  | 128Gb              | 16GB      |         | D/A    | N/A              | N/A    | N/A    |        |  |  |
| SanDisk      | SDIN5D2-2G   | 16Gb               | 2GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN5D1-2G   | 16Gb               | 2GB       |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN5C2-4G   | 32Gb               | 4GB       |         | T/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN5C1-4G   | 32Gb               | 4GB       |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN5C2-8G   | 64Gb               | 8GB       |         | T/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN5C1-8G   | 64Gb               | 8GB       |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN5C2-16G  | 128Gb              | 16GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN5C1-16G  | 128Gb              | 16GB      |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN5B2-32G  | 256Gb              | 32GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN5E1-32G  | 256Gb              | 32GB      |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN5F1-64G  | 512Gb              | 64GB      |         | N/A    | N/A              | N/A    | N/A    | TLC    |  |  |
| SanDisk      | SDIN7DU2-8G  | 64Gb MLC x 1       | 8GB       | 19nm    | D/A    | T/A              | D/A    | T/A    |        |  |  |
| SanDisk      | SDIN7DU2-16G | 64Gb MLC x 2       | 16GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DU2-32G | 64Gb MLC x 4       | 32GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DU2-64G | 64Gb MLC x 8       | 64GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DP2-4G  | 32Gb MLC x 1       | 4GB       | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DP2-8G  | 32Gb MLC x 2       | 8GB       | 19nm    | D/A    | T/A              | D/A    | T/A    |        |  |  |
| SanDisk      | SDIN7DP4-16G | 64Gb MLC x 2       | 16GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DP4-32G | 64Gb MLC x 4       | 32GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SanDisk      | SDIN7DP4-64G | 64Gb MLC x 8       | 64GB      | 19nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
|              |              |                    |           |         |        |                  |        |        |        |  |  |
|              |              |                    |           |         |        |                  |        |        |        |  |  |

| Manufacturer | Part Number  | Device Size (bits) | Byte Size | Process | RK29xx | RK316X<br>RK318X | RK292x | RK30xx | Remark |  |  |
|--------------|--------------|--------------------|-----------|---------|--------|------------------|--------|--------|--------|--|--|
|              |              |                    |           |         |        |                  |        |        |        |  |  |
| Hynix        | H26M3A001MMR | 4Gb                | 512MB     | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M21001DAR | 16Gb               | 2GB       | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M21001ECR | 16Gb               | 2GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M32001DAR | 32Gb               | 4GB       | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M31001EFR | 32Gb               | 4GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M32001ECR | 32Gb               | 4GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M44001CAR | 64Gb               | 8GB       | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M44001CAR | 64Gb               | 8GB       | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M42001EFR | 64Gb               | 8GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M44001ECR | 64Gb               | 8GB       | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M54001AJR | 128Gb              | 16GB      | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M54001BKR | 128Gb              | 16GB      | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M54001BFR | 128Gb              | 16GB      | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M52001CKR | 128Gb              | 16GB      | 26nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M68001MNR | 256Gb              | 32GB      | 41nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M68001ANR | 256Gb              | 32GB      | 32nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M64001BNR | 256Gb              | 32GB      | 26nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Hynix        | H26M78001ANR | 512Gb              | 64GB      | 26nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SKhynix      | H26M31003GMR | 32Gb               | 4GB       | 20nm    | D/A    | T/A              | D/A    | T/A    |        |  |  |
| SKhynix      | H26M42003GMR | 64Gb               | 8GB       | 20nm    | D/A    | T/A              | D/A    | T/A    |        |  |  |
| SKhynix      | H26M54003EMR | 128Gb              | 16GB      | 20nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| SKhynix      | H26M68003DCR | 256Gb              | 32GB      | 20nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
|              |              |                    |           |         |        |                  |        |        |        |  |  |
|              |              |                    |           |         |        |                  |        |        |        |  |  |
|              |              |                    |           |         |        |                  |        |        |        |  |  |



| Manufacturer | Part Number     | Device Size (bits) | Byte Size | Process | RK29xx | RK316X<br>RK318X | RK292x | RK30xx | Remark |  |  |
|--------------|-----------------|--------------------|-----------|---------|--------|------------------|--------|--------|--------|--|--|
|              |                 |                    |           |         |        |                  |        |        |        |  |  |
| Samsung      | KLM1G1CEHC-B101 | 8Gb                | 1GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM2G1DEHE-B101 | 16Gb               | 2GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM8G4DEHE-B101 | 64Gb               | 8GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMAG8DEHE-A101 | 128Gb              | 16GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM2G1DEED-A201 | 16Gb               | 2GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM2G1DEFD-A301 | 16Gb               | 2GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM4G2DEFD-A301 | 32Gb               | 4GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM8G4DEFD-A301 | 64Gb               | 8GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMAG8DEFD-A301 | 128Gb              | 16GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM4G1EEHM-B101 | 32Gb               | 4GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM8G2EEHM-B101 | 64Gb               | 8GB       |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMAG4EEHM-B101 | 128Gb              | 16GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMBG8EEHM-B101 | 256Gb              | 32GB      |         | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM2G1HE3F-B001 | 16Gb               | 2GB       | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM4G1FE3A-A00  | 32Gb               | 4GB       | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM4G1FE3A-M001 | 32Gb               | 4GB       | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLM8G2FEJA-A001 | 64Gb               | 8GB       | 27nm    | T/A    | T/A              | D/A    | T/A    |        |  |  |
| Samsung      | KLMAG4FEJA-A001 | 128Gb              | 16GB      | 27nm    | T/A    | T/A              | D/A    | √      |        |  |  |
| Samsung      | KLMAG4FEJA-B001 | 128Gb              | 16GB      | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMBG8FEJA-A001 | 256Gb              | 32GB      | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMCGAFEJA-B001 | 512Gb              | 64GB      | 27nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMAG2GE4A-A001 | 64Gb MLC x 2       | 16GB      | 21nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMBG4GE4A-A001 | 64Gb MLC x 4       | 32GB      | 21nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |
| Samsung      | KLMCG8GE4A-A001 | 64Gb MLC x 8       | 64GB      | 21nm    | D/A    | D/A              | D/A    | D/A    |        |  |  |

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