

Rockchip Solutions DDR SDRAM Support List

Ver 2.34

2018/10/17

♦ Revision History

| Revision No. | History | Date |
|--------------|------------------------------|------------|
| 2.00 | ORG. | 2012.12.24 |
| 2.01 | Add some supporting messages | 2013.01.28 |
| 2.02 | Add some supporting messages | 2013.05.17 |
| 2.03 | Add some supporting messages | 2013.10.07 |
| 2.04 | Add some supporting messages | 2014.01.08 |
| 2.05 | Add some supporting messages | 2014.03.21 |
| 2.06 | Add some supporting messages | 2014.05.09 |
| 2.07 | Add some supporting messages | 2014.06.10 |
| 2.08 | Add some supporting messages | 2014.09.16 |
| 2.09 | Add some supporting messages | 2015.03.16 |
| 2.10 | Add some supporting messages | 2015.04.13 |
| 2.11 | Add some supporting messages | 2015.05.06 |
| 2.12 | Add some supporting messages | 2015.07.17 |
| 2.13 | Add some supporting messages | 2015.10.10 |
| 2.14 | Add some supporting messages | 2015.12.17 |
| 2.15 | Add some supporting messages | 2016.03.01 |
| 2.16 | Add some supporting messages | 2016.03.31 |
| 2.17 | Add some supporting messages | 2016.06.24 |
| 2.18 | Add some supporting messages | 2016.07.29 |
| 2.19 | Add some supporting messages | 2016.08.31 |
| 2.20 | Add some supporting messages | 2016.10.20 |
| 2.21 | Add some supporting messages | 2016.11.07 |
| 2.22 | Add some supporting messages | 2016.12.05 |
| 2.23 | Add some supporting messages | 2016.12.09 |
| 2.24 | Add some supporting messages | 2016.12.29 |
| 2.25 | Add some supporting messages | 2017.03.30 |
| 2.26 | Add some supporting messages | 2017.05.24 |
| 2.27 | Add some supporting messages | 2017.07.05 |
| 2.28 | Add some supporting messages | 2017.08.24 |
| 2.29 | Add some supporting messages | 2017.11.24 |
| 2.30 | Add some supporting messages | 2018.01.24 |
| 2.31 | Add some supporting messages | 2018.03.26 |
| 2.32 | Add some supporting messages | 2018.05.25 |
| 2.33 | Add some supporting messages | 2018.07.13 |
| 2.34 | Add some supporting messages | 2018.10.17 |

♦ Symbol

| Symbol | Description |
|--------|----------------------------------|
| V | Fully Tested and Mass production |
| T/A | Fully Tested and Applicable |
| N/A | Not Applicable |

♦The Latest Reference Circuits Version

| Chip | DRAM Support Type | RK Reference Circuit Version |
|------------------------|--------------------------|---|
| RK281x | DDR2 | RK2818_REF_V1.3 |
| RK2906 | DDR2/DDR3/DDR3L | RK2906_PMIC_REF_V20_0418 |
| RK2918 | DDR2/DDR3/DDR3L | RK2918_REF_V13_20110517 |
| RK2926/RK3026 | DDR3/DDR3L | 2926_86v_v1.2_20121109 |
| RK2928/RK3028/RK3028A | DDR3/DDR3L | RK2928-DDR3P208SD4-V10-20120712LX.pcb |
| RK3066 | DDR3/DDR3L/LPDDR2 | RK3066_REF_TPS659102_V12_20121024_1CELL |
| PX2 | DDR3/DDR3L/LPDDR2 | PX2_CAR_V11.pcb |
| RK3168/RK3188 | DDR3/DDR3L/LPDDR2 | RK3188-DDR3P416SS4-V10-20130607WF.pcb |
| RK3126 | DDR3/DDR3L | 2926_86v_v1.2_20121109 |
| RK3128 | DDR3/DDR3L/LPDDR2 | RK3128-DDR3P216SD4-V10-20140912HJH.pcb |
| RK3288 | DDR3/DDR3L/LPDDR2/LPDDR3 | RK3288-DDR3P416SD6-V11-20140305HJH |
| RK3368 | DDR3/DDR3L/LPDDR2/LPDDR3 | R88(RK3368)_V01_20150313 |
| RK3036 | DDR3/DDR3L | RK3036_SDK_V1.0_20140528 |
| RK3036G | DDR3/DDR3L | DONGLE_RK3036-G_20150408J.pcb |
| RK3228A/RK3228B/RK3229 | DDR3/DDR3L/LPDDR2/LPDDR3 | RK3228A_BOX_R88_DISCRETEPOWER_DDR3P216SD4_V1.0_201511 |
| PX3 | DDR3/DDR3L/LPDDR2 | RK_SDK_MAIN_PX3_CAR_V10_20160607 |
| RK3399 | DDR3/DDR3L/LPDDR3/LPDDR4 | RK3399_VR&Tablet_V10_20160620 |
| PX5 | DDR3/DDR3L/LPDDR2/LPDDR3 | RK_SDK_MAIN_PX5_CAR_V10_20160714_CGC |
| RK3228H | DDR3/DDR3L/DDR4/LPDDR3 | RK_Demo_RK3228H_BOX_RK805-1_DDR3P216SD2_V02_20161128 |
| RK3328 | DDR3/DDR3L/DDR4/LPDDR3 | RK_EVB_RK3328_BOX_RK805-1_DDR3P416DD6_V11_20161116 |
| RV1108 | DDR3/DDR3L/DDR2/LPDDR2 | RK_EVB_MAINBOARD_RV1108_V12_20160930 |
| PX3-SE | DDR3/DDR3L/LPDDR2 | RK_SDK_MAIN_PX3SE_CAR_V11 |
| RK3326 | DDR3/DDR3L/DDR4/LPDDR2 | RK_EVB_RK3326_LP3S178P132SD4_V11_20180301FZB |
| PX30 | DDR3/DDR3L/DDR4/LPDDR2 | RK_EVB_PX30_DDR4P416DD6_V10_20180301_FZB |
| RK3308 | DDR3/DDR3L/DDR2/LPDDR2 | RK_EVB_RK3308_DDR3P116SD4_V10_20180301 |

Application Note:

- [1] Because lack of Address pin A15 in package, following SoCs do not support the 512M*8 DDR3:
RK2906-6,RK2906-8,RK3066.
- [2]The DRAM Part Number usually consists of two parts divided by '-', which the first part contains memory type, density, organization, package, and the second part usually means data rate. We don't care about the second part.
- [3]RockChip platform can support all the chips that match the first part of Part Number which marks 'V' or 'T/A', and do not need to care the second part. If you want your system running more effective, you may need to find out the exact data rate in DRAM datasheet and config in kernel menuconfig.
- [4]Please copy the Rockchip reference design model of DRAM area PCB Layout directly without any modification and follow the PCB layout rules from Rockchip.
Contact information: fae@rock-chips.com
- [5]Only support for RK3128.
- [6]The maximums frequency of H9CCNNBJTMLAR run on the RK3399 is 800Mhz.
- [7]The DRAM's VDD and VDDQ should powered by 1.5V when it used on these SoCs.

| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK30 28A/RK3128/ PX3-5E | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK33228A/ RK33228B/RK33229/ PX5 | RV1108 /RK330 8 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 | |
|---------------------------------|--------------------------------|---------------|-----------------|---------|---------|------------------|--------------------------------------|---|---|--------|--|-----------------------|---------|--------|--------|-----------------|---|--|
| Elpida | E1116AEBG-8E-F | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 除个别老款颗粒如： EDJ2108BDBG对pcb要求 偏高外总体兼容情况 良好 | |
| | EDJ1108DJBG | 1G bit | 128M x 8 | DDR3 | 78ball | √ | | | | | | | | | | | | |
| | EDJ2108DEBG | 2G bit | 256M×8 | DDR3 | 78ball | √ | T/A | T/A | √ | √ | | | | | | | | |
| | EDJ2108BDBG | 2G bit | 256M×8 | DDR3 | 78ball | √ | T/A | N/A | √ | √ | | | | | | | | |
| | EDJ2108EDBG | 2G bit | 256M×8 | DDR3L | 78ball | | | | T/A | T/A | | | | | | | | |
| | EDJ2116DEBG | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | | | | | | | | | | |
| | EDJ2116EEBG | 2G bit | 128M×16 | DDR3L | 96ball | T/A | | | | | | | | | | | | |
| | EDJ4208B8BG | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | | | | |
| | EDJ4208EFBG | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | | |
| | EDJ4208EB8G | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | N/A | T/A ⁽¹⁾ | T/A | | | | | | | | |
| | EDJ4216B8ASE | 4G bit | 256M×16 | DDR3 | 96ball | √ | | | | | | | | | | | | |
| | EDJ4216B8BG | 4G bit | 256M×16 | DDR3 | 96ball | √ | | | √ | √ | | | | | | | | |
| | EDJ4216EB8G | 4G bit | 256M×16 | DDR3L | 96ball | T/A | | | T/A | T/A | | | | | | | | |
| | EDJ4216EFBG | 4G bit | 256M×16 | DDR3L | 96ball | T/A | T/A | T/A | T/A | T/A | | | | | | | | |
| | EDB4032B2MA | 4Gb/2C5 | 64M×32×2pcs | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | | |
| | EDB8132B3MA | 8Gb/2C5 | 128M×32×2pcs | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | | |
| | EDBM164B1PD-1D-I | 12Gb/2channel | 256Mx32+128Mx32 | LPDDR2 | 220ball | | | | N/A | T/A | | | | | | | | |
| | EDF8132A3MA-GD-F-D | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | | |
| | EDF8132A1MC-GD-F-D | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | | |
| | FA232A1MA-GD-F | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | | |
| | EDFA232A2MA-GD-F-D | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | | |
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| Micron | MT47H64M16HR-25 | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 兼容性好 | |
| | MT41J128M8JP-15E-G(D9MNL) | 1G bit | 128M x 8 | DDR3 | 78ball | √ | | | | | | | | | | | | |
| | MT41K128M8DA-107-J(D9RDJ) | 1G bit | 128M x 8 | DDR3L | 78ball | | | | T/A | | | | | | | | | |
| | MT41K64M16TW-107-J(D9SFT) | 1G bit | 64M×16 | DDR3L | 96ball | | | | | | | T/A | | | | | | |
| | MT41J128M16HA-15E-D(D9LGQ) | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | | | | | | | | | | |
| | MT41J256M8HX-15E-D(D9LGK) | 2G bit | 256M×8 | DDR3 | 78ball | √ | T/A | T/A | T/A | T/A | | | | | | | | |
| | MT41K256M8DA-125-K(D9PSH) | 2G bit | 256M×8 | DDR3L | 78ball | √ | T/A | T/A | T/A | T/A | | | | | | | | |
| | MT41K256M8DA-125-M(D9PFF) | 2G bit | 256M×8 | DDR3L | 78ball | T/A | T/A | T/A | T/A | T/A | | | | | | | | |
| | MT41K128M16HA-15E-D(D9LJM) | 2G bit | 128M×16 | DDR3L | 96ball | √ | | | | | | | | | | | | |
| | MT41K128M16JT-125-K(D9PTK) | 2G bit | 128M×16 | DDR3L | 96ball | √ | T/A | T/A | T/A | T/A | | T/A | T/A | | | | | |
| | MT41K512M8RH-125-E(D9Q8J) | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | | |
| | MT41K512M8RG-107-N(D9RVX) | 4G bit | 512M×8 | DDR3L | 78ball | | | | T/A | | | T/A | | | | | | |
| | MT41K512M8DA-107-P(D9SGQ) | 4G bit | 512M×8 | DDR3L | 78ball | | | | T/A | | | | | | | | | |
| | MT41K256M16RE-15E-D(D9PBF) | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | | | | | | | | |
| | MT41K256M16HA-125-E(D9PXV) | 4G bit | 256M×16 | DDR3L | 96ball | √ | T/A | T/A | T/A | T/A | | | | | | | | |
| | MT41K256M16LY-107-N(D9SDD) | 4G bit | 256Mx16 | DDR3L | 96ball | | | T/A | T/A | T/A | | T/A | | | | | | |
| | MT41K256M16TW-107-P(D9SHD) | 4G bit | 256Mx16 | DDR3L | 96ball | | | T/A | T/A | T/A | | T/A | T/A | T/A | T/A | T/A | | |
| | MT41K512M16HA-125-A(D9STQ) | 8G bit | 512Mx16 | DDR3L | 96ball | | | | | | | | | | √ | | | |
| | MT41K512M16HA-107-A(D9SDQ) | 8G bit | 512Mx16 | DDR3L | 96ball | | | | T/A | T/A | | | | | | | | |
| | MT40A256M16GE-083E-B(D9TGG) | 4G bit | 256Mx16 | DDR4 | 96ball | | | | | | | | | | | | | |
| | MT40A512M16JY-083E-B(D9TBK) | 8G bit | 512Mx16 | DDR4 | 96ball | | | | | | | | | T/A | | T/A | | |
| | MT40A1G16WBU-083E-B(D9TPH) | 16G bit | 1Gx16 | DDR4 | 96ball | | | | | | | | | T/A | | T/A | | |
| | MT42L128M32D1GU-25 WT-A(Z9QHG) | 4G bit | 128Mx32 | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | | |
| | MT42L256M16D1GU-18 WT-A(D9RLT) | 4G bit | 256M×16 | LPDDR2 | 134ball | | | | | | | | T/A | | | | | |
| MT42L128M64D2L-25 WT-A(D9QCG) | 8G bit | 128Mx32x2Ch | LPDDR2 | 216ball | | | | N/A | T/A | | | | | | | | | |
| MT52L256M32D1PF-107 WT-B(D9SRZ) | 8G bit | 256Mx32 | LPDDR3 | 178ball | | | | | | | | | | | | | | |
| MT52L512M32D2PF-107 WT-B(D9SPF) | 16G bit | 512Mx32 | LPDDR3 | 178ball | | | | | | | | | | | | | | |
| MT53B256M32D1NP-062 WTC(D9TFT) | 8G bit | 256Mx32 | LPDDR4 | 200ball | | | | | | | T/A | N/A | T/A | T/A | T/A | T/A | | |
| MT53B512M32D2NP-062 WTC(D9TFW) | 16G bit | 512M×32 | LPDDR4 | 200ball | | | | | | | | | | | | | | |
| MT53D512M32D2DS-053 WTD(D9WHZ) | 16G bit | 512M×32 | LPDDR4 | 200ball | | | | | | | | | | | | | | |
| MT53B512M64D4NK-053 WTC(D9TGF) | 32G bit | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | | | | | |
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| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK30 28A/RK3128/ PX3-SE | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK3228A/ RK3228B/RK3229/ PX5 | RV1108 /RK330 8 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 |
|--------------|---------------------|---------------|--------------|--------|---------|------------------|--------------------------------------|---|---|--------|---|-----------------------|---------|--------|--------------------|-----------------|---------|
| Hynix | H5PS1G63CFP | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 兼容性好 |
| | H5PS1G63EFR | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | H5TQ1G83DFR | 1G bit | 128M×8 | DDR3 | 78ball | √ | | | T/A | T/A | | | | | | | |
| | H5TQ1G83TFR | 1G bit | 128M×8 | DDR3 | 78ball | √ | | | | | | | | | | | |
| | H5TQ2G83CFR | 2G bit | 256M×8 | DDR3 | 78ball | √ | √ | √ | √ | √ | | | | | | | |
| | H5TQ2G83BFR | 2G bit | 256M×8 | DDR3 | 78ball | T/A | T/A | T/A | √ | √ | | | | | | | |
| | H5TQ2G83EFR | 2G bit | 256M×8 | DDR3 | 78ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | H5TQ2G83GFR | 2G bit | 256M×8 | DDR3 | 78ball | | T/A | T/A | | | | | | | | | |
| | H5TQ2G83GFR | 2G bit | 256M×8 | DDR3 | 78ball | | | T/A | T/A | T/A | | | | | | | |
| | H5TQ2G63BFR | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | | | | | | | | | |
| | H5TQ2G63FFR | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | T/A | | | | | | | | | |
| | H5TQ2G63GFR | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | T/A | T/A | |
| | H5TC2G63GFR | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | T/A | | | | | |
| | H5TQ2G63DFR | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | T/A | T/A | | | | | | | |
| | H5TQ4G83AFR | 4G bit | 512M×8 | DDR3 | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | |
| | H5TC4G83AFR | 4G bit | 512M×8 | DDR3L | 78ball | | | | T/A ⁽¹⁾ | T/A | | | | | | | |
| | H5TQ4G83MFR | 4G bit | 512M×8 | DDR3 | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | |
| | H5TC4G83BFR | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | T/A | | | | | | | | | |
| | H5TQ4G63MFR | 4G bit | 256M×16 | DDR3 | 96ball | √ | T/A | T/A | T/A | T/A | | | | | | | |
| | H5TQ4G63AFR | 4G bit | 256M×16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | H5TC4G63AFR | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | H5TC4G63CFR | 4G bit | 256M×16 | DDR3L | 96ball | | | | T/A | T/A | T/A | T/A | | | T/A | T/A | |
| | H5TC4G63EFR | 4G bit | 256M×16 | DDR3L | 96ball | | | | T/A | T/A | T/A | T/A | | | T/A | T/A | |
| | H5TQ4G63EFR | 4G bit | 256M×16 | DDR3 | 96ball | | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | H5TQ4G63CFR | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | H5TC8G63AMR | 8G bit | 512M×16 | DDR3L | 96ball | | | | | T/A | | | | | | | |
| | H5TC8G63CMR | 8G bit | 512M×16 | DDR3L | 96ball | | | | | | | | | | | | |
| | H5AN4G6NAFR | 4G bit | 256M×16 | DDR4 | 96ball | | | | | | | | T/A | | T/A | | |
| | H5AN4G6NBJR | 4G bit | 256M×16 | DDR4 | 96ball | | | | | | | | T/A | | T/A | | |
| | H5AN8G6NAFR | 8G bit | 512M×16 | DDR4 | 96ball | | | | | | | | T/A | | T/A | | |
| | H9TCNNN8JDMMPR | 8Gb/2CS | 256M×32 | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | |
| | H8TJ00X0MLR | 8Gb/2CS | 256M×32 | LPDDR2 | 168ball | | | | T/A | T/A | | | | | | | |
| | H9TKNNN8KDMMPR | 8Gb/2Channel | 128M×32×2Ch | LPDDR2 | 216ball | | T/A ⁽⁵⁾ | | | | | | | | | | |
| | H9TKNNN8PDMRAR | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 220ball | | | | N/A | T/A | | | | | | | |
| | H9CCNNN8JTLAR | 8Gb | 256M×32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | |
| | H9CCNNN8GTMRLAR | 8Gb | 256M×32 | LPDDR3 | 178ball | | | | | | | T/A | T/A | T/A | T/A | T/A | |
| | H9CCNNN8JTLAR | 8Gb | 256M×32 | LPDDR3 | 178ball | | | | | | | | T/A | T/A | T/A | T/A | |
| | H9CCNNN8JTLAR | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | | T/A | T/A | T/A | T/A | T/A | |
| | H9CCNNN8JTLAR | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | T/A | | | T/A | | T/A | T/A | |
| | H9CCNNN8JTLAR | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | T/A | | | | | T/A ⁽⁶⁾ | | |
| | H9HCNNN8PUMLHR-NLE | 16Gb | 512M×32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | H9HKNNN8DBUMUBR-NMH | 24Gb | 384M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | |
| | H9HKNNN8CUUMUBR-NMH | 32Gb | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | |
| | H9HKNNN8CTUMUBR-NLH | 32Gb | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | |
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| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK3028A/ RK3128/ PX3-SE | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK3228A/ RK3228B/RK3229/ PX5 | RV1108 /RK3308 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 |
|--------------|-----------------|----------|--------------|--------|---------|------------------|--------------------------------------|---|---|--------|---|-------------------|---------|--------|--------|-----------------|---------|
| Nanya | NTSTU32M16CG-3C | 512M bit | 32M×16 | DDR2 | 84ball | ✓ | | | | | | | | | | | 兼容性好 |
| | NTSTU64M16HG | 1G bit | 64M×16 | DDR2 | 84ball | | | | | | | | | | | | |
| | NTSCB64M16GP | 1G bit | 64M×16 | DDR3 | 96ball | | | T/A | | | T/A | T/A | | | | | |
| | NTSCB128M8DN | 1G bit | 128M×8 | DDR3 | 96ball | ✓ | | | | | | | | | | | |
| | NTSCC128M8DN | 1G bit | 128M×8 | DDR3L | 78ball | ✓ | | | | | | | | | | | |
| | NTSCB128M8FN | 1G bit | 128M×8 | DDR3 | 78ball | | | | T/A | T/A | | | | | | | |
| | NTSCC128M8GN | 1G bit | 128M×8 | DDR3L | 78ball | | | | T/A | T/A | | | | | | | |
| | NTSCB256M8GN | 2G bit | 256M×8 | DDR3 | 78ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB256M8BN | 2G bit | 256M×8 | DDR3 | 78ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB256M8FN | 2G bit | 256M×8 | DDR3 | 78ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB256M8IN | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | T/A | T/A | T/A | | T/A | T/A | |
| | NTSCC256M8IN | 2G bit | 256M×8 | DDR3L | 78ball | | | | T/A | | T/A | T/A | T/A | | T/A | T/A | |
| | NTSCB128M16BP | 2G bit | 128M×16 | DDR3 | 96ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB128M16HP | 2G bit | 128M×16 | DDR3 | 96ball | T/A | | | T/A | T/A | | | | | | | |
| | NTSCC128M16BP | 2G bit | 128M×16 | DDR3L | 96ball | ✓ | | | | | | | | | | | |
| | NTSCB128M16FP | 2G bit | 128M×16 | DDR3 | 96ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCC128M16IP | 2G bit | 128M×16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | | | | | |
| | NTSCB128M16IP | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | | | | | |
| | NTSCC128M16JR | 2G bit | 128M×16 | DDR3L | 96ball | | | | | T/A | T/A | T/A | T/A | | T/A | T/A | |
| | NTSCB512M8DN | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | T/A | T/A | T/A | | T/A | T/A | |
| | NTSCB512M8BN | 4G bit | 512M×8 | DDR3 | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | |
| | NTSCC512M8CN | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | T/A | T/A ⁽¹⁾ | T/A | | | | | | | |
| | NTSCC512M8DN | 4G bit | 512M×8 | DDR3L | 78ball | | | | T/A | | T/A | T/A | T/A | | T/A | T/A | |
| | NTSCC512M8EN | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | T/A | T/A | T/A | | | | |
| | NTSCB256M16BP | 4G bit | 256M×16 | DDR3 | 96ball | ✓ | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB256M16CP | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCB256M16DP | 4G bit | 256M×16 | DDR3 | 96ball | | | | | T/A | | | | | | | |
| | NTSCB256M16EP | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | T/A | T/A | T/A | T/A | T/A | T/A | |
| | NTSCC256M16CP | 4G bit | 256M×16 | DDR3L | 96ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | NTSCC256M16DP | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | NTSCC256M16EP | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | NTSCC256M16ER | 4G bit | 256M×16 | DDR3L | 96ball | | | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| | NT6TL128M32AQ | 4G bit | 128M×32 | LPDDR2 | 168ball | | | | T/A | T/A | | | | | | | |
| | NT6TL256F32AI | 8G bit | 256M×32 | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | |
| | NT6TL256T32AI | 8G bit | 256M×32 | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | |
| | NT6TL256T32AQ | 8G bit | 256M×32 | LPDDR2 | 168ball | | | | T/A | T/A | | | | | | | |
| | NT6CL128M32BM | 4G bit | 128M×32 | LPDDR3 | 178ball | | | | | T/A | | | | | | | |
| | NT6CL128M32CM | 4G bit | 128M×32 | LPDDR3 | 178ball | | | | | | | | | T/A | | | |
| | NT6CL256T32CM | 8G bit | 256M×32 | LPDDR3 | 178ball | | | | | | | | | T/A | | | |
| | NT6CL256T32BM | 8G bit | 256M×32 | LPDDR3 | 178ball | | | | | T/A | T/A | N/A | T/A | T/A | T/A | T/A | |
| | NT6CL256T32AQ | 8G bit | 256M×32 | LPDDR3 | 168ball | | | | | | T/A | N/A | | | | | |
| | NT5AD256M16B2 | 4G bit | 256M×16 | DDR4 | 96ball | | | | | | | | T/A | | T/A | | |
| | NT5AD256M16D4 | 4G bit | 256M×16 | DDR4 | 96ball | | | | | | | | T/A | | T/A | T/A | |
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| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK3028A/ RK3128/ PX3-SE | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK3228A/ RK3228B/RK3229/ PX5 | RV1108 /RK3308 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 |
|------------------------------|---------------------------------------|---------------|--------------|---------|---------|------------------|--------------------------------------|---|---|--------------------|---|-------------------|---------|--------|--------|-----------------|---------|
| Samsung | K4T1G164QE | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | K4B1G0846G | 1G bit | 128M×8 | DDR3 | 78ball | √ | | | T/A | T/A | | | | | | | |
| | K4B1G1646I-xCxx | 1G bit | 64M×16 | DDR3 | 96ball | | | | | | | T/A | | | | | |
| | K4B2G0846C | 2G bit | 256M×8 | DDR3 | 78ball | √ | | | | | | | | | | | |
| | K4B2G0846F-xYxx | 2G bit | 256M×8 | DDR3L | 78ball | | | | T/A | T/A | | | | | | | |
| | K4B2G1646C | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | | | | | | | | | |
| | K4B2G1646E | 2G bit | 128Mx16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | K4B2G1646Q | 2G bit | 128Mx16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | | T/A | T/A |
| | K4B2G1646F-xYxx | 2G bit | 128Mx16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | T/A | T/A |
| | K4B4G0846E-xCxx | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | T/A | T/A | T/A | | T/A | T/A |
| | K4B4G1646B-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | √ | T/A | T/A | T/A | T/A | T/A | | | | | | |
| | K4B4G1646Q-xYxx | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | T/A | T/A |
| | K4B4G1646D-xYxx | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | T/A | T/A |
| | K4B4G1646D-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | | | T/A | T/A | T/A | T/A | T/A | | | | | |
| | K4W4G1646Q-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | | | | | T/A | T/A | | | | | | |
| | K4B4G1646E-xYxx | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A |
| | K4B4G1646E-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | T/A | T/A |
| | K4B8G1646D-yYxx | 8G bit | 512Mx16 | DDR3L | 96ball | | | | | | T/A | | | T/A | √ | T/A | T/A |
| | K4A8G165WB-xCxx | 8G bit | 512Mx16 | DDR4 | 96ball | | | | | | T/A | | | T/A | | T/A | T/A |
| | K3PE0E000A-XGC2 | 16Gb/2Channel | 256Mx32x2Ch | LPDDR2 | 220ball | | | | | N/A | T/A | | | | | | |
| | K3PE0E000M-XGC2 | 16Gb/2Channel | 256Mx32x2Ch | LPDDR2 | 216ball | | | | | N/A | T/A | | | | | | |
| | K4E8E304ED-EGCC | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | T/A | N/A | | | | |
| | K4E8E304EE-EGCE | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | | | | T/A | | |
| | K4E8E324EB-AGCF | 8Gb | 256Mx32 | LPDDR3 | 168ball | | | | | | | T/A | N/A | | | | |
| | K4E8E324EB-EGCF | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | T/A | N/A | T/A | T/A | T/A | T/A |
| | K3QF1F10DM-AGCE | 8Gb/2Channel | 128Mx32x2Ch | LPDDR3 | 253ball | | | | | | | T/A | | | | | |
| | K3QF1F10EM-BGCF | 8Gb | 128Mx32x2Ch | LPDDR3 | 216ball | | | | | | | T/A | | | | | |
| | K4E6E304EE-EGCE | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | | T/A | | | | | |
| | K4E6E304ED-EGCE | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | | T/A | | N/A | | | |
| | K4E6E304EB-EGCF | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | T/A | N/A | T/A | T/A | T/A | T/A |
| | K4E6E304EC-EGCF | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | | | | T/A | T/A | T/A | T/A |
| | K4E8E304EC-EGCF | 32Gb | 1024M×32 | LPDDR3 | 178ball | | | | | | | | | T/A | | | |
| K3QF3F30BM-OGCF | 16Gb | 256M×32x2Ch | LPDDR3 | 216ball | | | | | | T/A | | | | | | | |
| K3QF3F30BM-BGCF | 16Gb | 256M×32x2Ch | LPDDR3 | 216ball | | | | | | T/A | | | | | | | |
| K4F8E304HB-MGCJ | 8G bit | 256M×32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | | |
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| SPECTEK | PE918-15E (PRN256M8V79DG8GQF-15E) | 2G bit | 256M×8 | DDR3 | 78ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | PE936-15E (PRN256M8V89CG8GQF-15E) | 2G bit | 256Mx8 | DDR3 | 78ball | T/A | T/A | T/A | N/A | N/A | | | | | | | |
| | PEB08-15E (PRN512M8V80AG8RHF-15E) | 4G bit | 512M×8 | DDR3 | 78ball | | T/A | T/A | T/A ^[1] | T/A | | | | | | | |
| | PEB15-15E (PRN256M16V80AG8GPF-15E) | 4G bit | 256Mx16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | PEB16-15E (PRM256M16V80AG8GPF-15E) | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | PE017 (5U0U256M16V90B8GLY-125TP) | 4G bit | 256Mx16 | DDR3 | 96ball | | | T/A | | | | | | | | | |
| | PE039 (5UU256M16V90B8GLY-125TP) | 4G bit | 256Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | Z9QH6 (5M128MX32U80MD1LGU-25FT) | 4G bit | 128Mx32 | LPDDR2 | 134ball | | | | T/A | T/A | | | | | | | |
| | PB047 (5S256M32V01MD1LPF-107BT) | 8G bit | 256Mx32 | LPDDR3 | 178ball | | | | | | | | N/A | N/A | N/A | N/A | |
| | PB008 (5M512M322E0FD4LHL) | 8G bit | 256Mx32 | LPDDR3 | 178ball | | | | | | | | | | T/A | | |
| | PS007 (5US12M32201MD2BNP) | 16G bit | 512M×32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | PS004 (5M512M64Z91MD48NK) | 32Gbit | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | |
| | PS035 (5US12M64Z01MD48NK) | 32Gbit | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | |
| PS013 (5M512M64Z01MD48NK) | 32Gbit | 512M×64 | LPDDR4 | 366ball | | | | | | | | | | T/A | | | |
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| Elixir | N2TU1G16GG-AC | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | N2CB1G80GN-CG | 1G bit | 128M×8 | DDR3 | 78ball | √ | | | | | | | | | | | |
| | N2CB2G80GN | 2G bit | 256M×8 | DDR3 | 78ball | √ | | | √ | √ | | | | | | | |
| | N2CB2G16BP-CG | 2G bit | 128M×16 | DDR3 | 96ball | √ | | | | | | | | | | | |
| | N2CB2G16FP-DI | 2G bit | 128Mx16 | DDR3 | 96ball | | | T/A | T/A | T/A | T/A | | | | | | |
| | N2CB4G08DN-CG | 4G bit | 512M×8 | DDR3 | 78ball | | | T/A | T/A | T/A ^[1] | T/A | | | | | | |
| | N2CB4G16BP-DI | 4G bit | 256Mx16 | DDR3 | 96ball | | | T/A | T/A | T/A | T/A | | | | | | |
| N2CC4G16DP | 4G bit | 256Mx16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | | | | | | | |
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| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK30 28A/RK3128/ PX3-SE | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK3228A/ RK3228B/RK3229/ PX5 | RV1108 /RK330 8 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 |
|--------------|---------------------|---------------|--------------|--------|---------|------------------|--------------------------------------|---|---|--------|---|-----------------------|---------|--------|--------|-----------------|--|
| Eorex | EM47DM1688SBA | 2G bit | 128M×16 | DDR3 | 96ball | N/A | | | | | | | | | | | 台湾颗粒厂商， 兼容性较好 |
| | EM47EM0888SBA-150 | 2G bit | 256Mx8 | DDR3 | 78ball | T/A | N/A | N/A | T/A | T/A | | | | | | | |
| | EM47EM1688SBA-150 | 4G bit | 256Mx16 | DDR3 | 96ball | T/A | | | | | | | | | | | |
| | EM47EM1688SBB-150A | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | EM47FM0888SBA-150 | 4G bit | 512Mx8 | DDR3 | 78ball | | T/A | T/A | | | | | | | | | |
| | EM47FM0888SBA-150A | 4G bit | 512Mx8 | DDR3 | 78ball | | T/A | T/A | | | | | | | | | |
| | EM47EM3288MBA-125 | 8G bit | 256Mx32 | DDR3 | 136ball | | | | | T/A | | | | | | | |
| | EM45FM3288LBA-187F | 16Gb/2Channel | 256Mx32x2Ch | LPDDR2 | 220ball | | | | N/A | T/A | | | | | | | |
| Etron Tech | EM68B16CWPA-25H | 512M bit | 32M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 台湾颗粒厂商，兼容性 较好 |
| | EM6GC16EWKG-12H | 1G bit | 64Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | EM6GD16EWKG-12H | 2G bit | 128Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | EM6GD16EWXF-12H | 2G bit | 128Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | EM6GE16EW5B-15H | 4G bit | 256M×16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | | | | | | | |
| | EM6GE08EW8C-12H | 4G bit | 512Mx8 | DDR3 | 78ball | | T/A | T/A | | | | | | | | | |
| | EM6GE16EWXC-12H | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | EM6HE16EWXD-12H | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | T/A | T/A | T/A | | T/A | T/A | |
| | EM6GE16EWXD-12H | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | |
| ESMT | M15T1G1664A-DEBG2C | 1G bit | 64Mx16 | DDR3 | 96ball | | | | | | | T/A | | | | | |
| | M15T1G1664A-DEBG2CS | 1G bit | 64Mx16 | DDR3 | 96ball | | | T/A | | | | | | | | | |
| | M15F4G16256A-DEBG2L | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | T/A | T/A | T/A | | T/A | T/A | |
| MIRA | P3R1GE4CF-8E | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 256M16在RK3066， RK31xx平台上需要添加 定频相关补丁。并且对 参考层完整性要求较 高，需要严格遵照我们 的布板要求布板。 |
| | P3R1GE3FGF-8E | 1G bit | 128M×8 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | P2P2GF4ALF-GGN | 2G bit | 128X16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | P3P4GF3BLF-GGN | 4G bit | 512M×8 | DDR3 | 78ball | | T/A | N/A | N/A | N/A | | | | | | | |
| | P3P4GF4BLF-GGN | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | | T/A | T/A | T/A | T/A | T/A | | T/A | T/A | |
| UnitC | SCB15H1G160CF-13K | 1G bit | 64M×16 | DDR3 | 96ball | | | | | | | T/A | | | | | |
| | SCN13H2G160AF-13K | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | | | | | | | |
| | SCB13H2G160AF-11M | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | T/A | | | | | |
| | SCB13H4G160AF-11M | 4G bit | 256Mx16 | DDR3L | 96ball | | | | | T/A | T/A | T/A | T/A | | T/A | T/A | |
| | HXB15H4G800AF-13K | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | T/A | T/A | | | | | |
| | HXB13H4G160AF-13KT | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | T/A | | T/A | T/A | T/A | | | | | |
| SCSemicon | HXB18T1G160AF-25D | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | 256M16在RK3066， RK31xx平台上需要添加 定频相关补丁。并且对 参考层完整性要求较 高，需要严格遵照我们 的布板要求布板。 |
| | HXB18T2G160AF-25D | 2G bit | 128M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | HXB15H2G800BF-15H | 2G bit | 256M×8 | DDR3 | 78ball | N/A | T/A | N/A | T/A | T/A | | | | | | | |
| | HXB15H2G160CF-13K | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | | | | | | | |
| | HXB15H4G800BF-15H | 4G bit | 512M×8 | DDR3 | 78ball | N/T (1) | T/A | N/A | T/A (1) | T/A | | | | | | | |
| | HXB15H4G160BF-15H | 4G bit | 256Mx16 | DDR3 | 96ball | T/A | | | T/A | T/A | | | | | | | |
| ADATA | 3CCD-1211A EL1250V | 2G bit | 256Mx8 | DDR3 | 78ball | N/A | T/A | N/A | T/A | T/A | | | | | | | 使用Elpida晶圆兼容性 一般，PCB不允许有参 考层有割断的现象。 |
| | D2ND-1211A EL1345V | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | D2ND-1211A NA1518V | 4G bit | 256Mx16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| ANOR | AM43Q2G08AFP-150C | 2G bit | 256Mx8 | DDR3 | 78ball | N/A | T/A | N/A | T/A | T/A | | | | | | | 使用Elpida晶圆兼容性一 般，PCB不允许有参考层 有割断的现象。 |
| | AM43Q4G08AFP-150C | 4G bit | 512Mx8 | DDR3 | 78ball | | T/A | N/A | | | | | | | | | |
| Zentel | A3R12E40DBF-AH | 512M bit | 32M×16 | DDR2 | 84ball | | | | | | | T/A | | | | | |
| | A3T1GF40CBF-HP | 1G bit | 64M×16 | DDR3 | 96ball | | | | | | | | | | | | |
| | A3T1GF40CBF-GM | 1G bit | 64M×16 | DDR3 | 96ball | | | | | | | | | | | | |
| ProMOS | V59C1G01168QBASXJ25 | 1G bit | 64M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |
| | V73CAG01808RA JI9 | 1G bit | 128M×8 | DDR3 | 78ball | √ | | | | | √ | | | | | | |
| | V59C1G02168QB | 2G bit | 128M×16 | DDR2 | 84ball | √ | | | | | | | | | | | |

| Manufacturer | Part Number | Density | Organization | Type | package | RK290x RK2918 | RK2928/RK30 28A/RK3128/ PX3-SE | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | RK3288 | RK3368/RK3228A/ RK3228B/RK3229/ PX5 | RV1108 /RK330 8 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | 与RK兼容情况 |
|--------------|---------------------|------------------|--------------|--------|---------|------------------|--------------------------------------|---|---|---------|---|-----------------------|---------|--------|--------|-----------------|--|
| SMART | S4B2G0846C-HYH9 | 2G bit | 256Mx8 | DDR3 | 78ball | | | | T/A | T/A | | | | | | | 巴西颗粒，国内用的不多 |
| | S4B2G0846D-HYK0 | 2G bit | 256Mx8 | DDR3 | 78ball | | | | T/A | T/A | | | | | | | |
| πPM | PMF510816ABR-G8DN | 1G bit | 64Mx16 | DDR3 | 96ball | ✓ | | | | | | | | | | | |
| | PMF511816ABR-G8DN | 2G bit | 128Mx16 | DDR3 | 96ball | ✓ | | | | | | | | | | | |
| | PMF511816DBR-KADN | 2G bit | 128Mx16 | DDR3 | 96ball | | | | T/A | T/A | | | | | | | |
| | PMF512816BBR-KADN | 4G bit | 256Mx16 | DDR3 | 96ball | | | | T/A | T/A | | | | | | | |
| | PMF512816DBR-KADN | 4G bit | 256Mx16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| | PMF412816FBR-KADN | 4G bit | 256Mx16 | DDR3L | 96ball | | | | | T/A | | | | | | | |
| MT.MOSET | ED3E25608CE-P9 | 2G bit | 256Mx8 | DDR3 | 78ball | T/A | T/A | N/A | T/A | T/A | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| WINS | VP5TQ1G0835-F9 | 1G bit | 128Mx8 | DDR3 | 78ball | ✓ | | | | | | | | | | | |
| | VP5TQ2G1635FFP-F9 | 2G bit | 128Mx16 | DDR3 | 96ball | ✓ | N/A | N/A | | | | | | | | | |
| | VP5TQ2G0835L-F9 | 2G bit | 256Mx8 | DDR3 | 78ball | ✓ | | | | | | | | | | | |
| Kingston | D5128EETBPGGBU | 4G bit | 512Mx8 | DDR3 | 78ball | | T/A | T/A | T/A | T/A | | | | | | | 256M16在RK3066，RK31xx平台上需要添加定频相关补丁。并且对参考层完整性要求较高，需要严格遵照我们的布板要求布板。 |
| | D2516EC4BXGGB | 4G bit | 256Mx16 | DDR3L | 96ball | | T/A [7] | T/A [7] | T/A [7] | T/A [7] | T/A [7] | | | | | | |
| | D2516ECMDXGJD | 4G bit | 256Mx16 | DDR3L | 96ball | | | | | | | | | | | | |
| | D2516JC48XGJD | 4G bit | 256Mx16 | DDR3 | 96ball | | | | | T/A | | | | | | | |
| | D2532LA6MLGJA | 8G bit | 256Mx32 | LPDDR3 | 178ball | | | | | | | | | | | | |
| | K823AADL3E08G | 8G bit | 512Mx16 | LPDDR3 | 178ball | | | | | T/A | | | | | | | |
| | D2516PC1CDGPLR | 8G bit | 256Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | Q5116PH1MDGPAR | 16G bit | 512Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | | | | | | | | | | | | | | | | | |
| ISSI | IS43TR16640B-125KBL | 1G bit | 64Mx16 | DDR3 | 96ball | | | | | | | T/A | | | | | |
| | IS43TR1612BC-125KBL | 2G bit | 128Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| axeme | H2A301G1656BC6C | 1G bit | 64Mx16 | DDR2 | 84ball | | | | | | | T/A | | | | | |
| | H2A402G1666BF8C | 2G bit | 128Mx16 | DDR3 | 96ball | | T/A | T/A | | | | | | | | | |
| | H2A404G1666CFMC | 4G bit | 256Mx16 | DDR3 | 96ball | | | | | | | | T/A | | T/A | T/A | |
| | H2A404G0866CD8C | 4G bit | 512Mx8 | DDR3 | 78ball | | | | T/A | T/A | | | | | | | |
| ISDT | IL2BR20E8H | 16G bit/2Channel | 256Mx32x2Ch | LPDDR2 | 220ball | | | | | T/A | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Winbond | W971GG65B-18 | 1G bit | 64Mx16 | DDR2 | 84ball | | | | | | | | | | | | |
| | W631GG6KB-12 | 1G bit | 64Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | W631GG6MB-12 | 1G bit | 64Mx16 | DDR3 | 96ball | | | | | | T/A | T/A | | | | | |
| | W632GG6KB-15 | 2G bit | 128Mx16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | | | | | | | |
| Goldkey | GH4061600HRL-1833 | 4G bit | 256Mx16 | DDR3L | 96ball | | | | | | | | T/A | | T/A | T/A | |
| | | | | | | | | | | | | | | | | | |
| BITWIN | 8WMD4X32H2A-16Gb | 16G bit | 512Mx32 | LPDDR4 | 200ball | | | | | | | | | T/A | | | |
| | | | | | | | | | | | | | | | | | |
| FORSEE | NCLD3B2256M32 | 8G bit/ 2cs | 256Mx32 | LPDDR3 | 178ball | | | | | T/A | | | | | T/A | | |
| | NCLD4C1MA256M32 | 8G bit | 256Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | NCLD4C2MA512M32 | 16G bit | 512Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| TMTc | TM8G32MD4LSA1-I4 | 8G bit | 256Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |
| | TH16G32MD4LQM1-I4 | 16G bit | 512Mx32 | LPDDR4 | 200ball | | | | | | | | | | T/A | | |