Rockchip 瑞芯微电子

# Rockchip  Solutions DDR SDRAM Support List

**Ver 2.43**

**2020/6/16**

# NOTICE

◆ **Symbol**

| Symbol | Description |
|--------|-------------|
| √ | **Fully Tested and Mass production** |
| T/A | **Fully Tested and Applicable** |
| N/A | **Not Applicable** |
| Empty | **Not be evaluated** |

◆ The DRAM Part Number usually consists of two parts divided by '-', which second part usually means data rate.  We don't care about the second part.

◆ RockChip platform can support all the chips that match the first part of Part Number which marks '√' 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.

◆ 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

# ◆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] Only support for RK3128.
[3] The DRAM's VDD and VDDQ should powered by 1.5V when it used on these SoCs.
[4] It can work stably on RK3399 with loader version rk3399_ddr_XXXMHz_v1.22.bin and trust version rk3399_bl31_ v1.28.elf. On RK3399pro, loader should be updated to rk3399pro_ddr_XXXMHz_v1.22.bin, trust version should be updated to rk3399pro_bl31_v1.28.elf .Or the later version than all above.
[5] Only after week code 1937 （ means 2019, week 37th ）can be used, the product with early week code may cause system crash or unstable.



**week code**

[6] The DDR must be boot from 400Mhz, please use XXXX_ddr_400MHz_vX.XX.bin to merge loader.

# ◆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_20151129.pcb |
| 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/LPDDR3 | RK_EVB_RK3326_LP3S178P132SD4_V11_20180301FZB |
| PX30 | DDR3/DDR3L/DDR4/LPDDR2/LPDDR3 | RK_EVB_PX30_DDR4P416DD6_V10_20180301_FZB |
| RK3308 | DDR3/DDR3L/DDR2/LPDDR2 | RK_EVB_RK3308_DDR3P116SD4_V10_20180301 |
| RK3399PRO | DDR3/DDR3L/LPDDR3/LPDDR4 | RK3399Pro_Layout_Template_LP3S178P232_LP3S178P132_SD8_V10_20181120 |
| RK1808/RK1806 | DDR3/DDR3L/LPDDR3/DDR4 | RK_EVB_RK1808_DDR3P216SD6_V10 2018-09-07_YWQ |
| RV1126/RV1109 | DDR3/DDR3L/DDR4/LPDDR3/LPDDR4 | RV1126/1109_EVB_DDR3216SD6_v10_20191219LXF |

# ◆ 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 |
| 2.34 | Add some supporting messages | 2018.10.17 |
| 2.35 | Add some supporting messages | 2018.12.11 |
| 2.36 | Add some supporting messages | 2019.01.21 |
| 2.37 | Add some supporting messages | 2019.03.11 |
| 2.38 | Add some supporting messages | 2019.05.15 |
| 2.39 | Add some supporting messages | 2019.07.19 |
| 2.40 | Add some supporting messages | 2019.09.30 |
| 2.41 | Add some supporting messages | 2019.11.25 |
| 2.42 | Add some supporting messages, switch column order of product name | 2020.03.30 |
| 2.43 | Add some supporting messages | 2020.06.16 |

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x/RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2/RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Elpida | E1116AEBG-8E-F | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | 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×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | 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 | | | | | | |
| | EDJ4208BBBG | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | EDJ4208EFBG | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | EDJ4208EBBG | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | | T/A | N/A | T/A [1] | |
| | EDJ4216BASE | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | | | √ | | | | |
| | EDJ4216BBBG | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | √ | | √ | | | √ | |
| | EDJ4216EBBG | 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/2CS | 64M×32×2pcs | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | T/A | |
| | EDB8132B3MA | 8Gb/2CS | 128M×32×2pcs | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | T/A | |
| | EDBM164B1PD-1D-I | 12Gb/2channel | 256M×32+128M×32 | LPDDR2 | 220ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | N/A | |
| | EDF8132A3MA-GD-F-D | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | EDF8132A1MC-GD-F-D | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | FA232A1MA-GD-F | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | EDFA232A2MA-GD-F-D | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| Micron | MT47H64M16HR-25 | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | 兼容性好 |
| | MT41J128M8JP-15E:G(D9MNL) | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | MT41K128M8DA-107:J(D9RDJ) | 1G bit | 128M×8 | DDR3L | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | | | | T/A | |
| | MT41K64M16TW-107:J (D9SFT) | 1G bit | 64M×16 | DDR3L | 96ball | T/A | | N/A | N/A | N/A | N/A | | N/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 | T/A | |
| | MT41K256M8DA-125:K(D9PSH) | 2G bit | 256M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | |
| | MT41K256M8DA-125:M(D9PFJ) | 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 | |
| | MT41K128M16JT-125:K (D9PSZ) | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | | T/A | | | | | | | | |
| | MT41K512M8RH-125:E(D9QBJ) | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | MT41K512M8RG-107:N(D9RVX) | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | | | | | | 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 | 256M×16 | DDR3L | 96ball | T/A | T/A | T/A | T/A | T/A | | T/A | | | T/A | T/A | | T/A | T/A | T/A | |
| | MT41K256M16TW-107:P(D9SHD) | 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 | | | | T/A | |
| | MT41K256M16TW-107 IT:P(D9SHG) | 4G bit | 256M×16 | DDR3L | 96ball | | | | | T/A | | | T/A | | | | | | | | |
| | MT41K512M16HA-125:A(D9STQ) | 8G bit | 512M×16 | DDR3L | 96ball | | | | | √ | | | T/A | | | | | | | | |
| | MT41K512M16HA-107:A(D9SDQ) | 8G bit | 512M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | | | T/A | |
| | MT40A256M16GE-083E:B(D9TGQ) | 4G bit | 256M×16 | DDR4 | 96ball | N/A | | T/A | | T/A | | T/A | | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT40A256M16GE-075E:B (D9TGS) | 4G bit | 256M×16 | DDR4 | 96ball | N/A | | N/A | | T/A | T/A | T/A | | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT40A512M16TB-062E:J(D9WWP) | 8G bit | 512M×16 | DDR4 | 96ball | N/A | | N/A | | | T/A | T/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT40A512M16JY-083E:B(D9TBK) | 8G bit | 512M×16 | DDR4 | 96ball | N/A | | T/A | | T/A | | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT40A1G16WBU-083E:B(D9TPH) | 16G bit | 1024M×16 | DDR4 | 96ball | N/A | | T/A | | T/A | | T/A | | T/A | N/A | N/A | N/A | N/A | N/A | T/A | |
| | MT42L128M32D1GU-25 WT:A(Z9QHG) | 4G bit | 128M×32 | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | | N/A | | | | |
| | MT42L256M16D1GU-18 WT:A(D9RLT) | 4G bit | 256M×16 | LPDDR2 | 134ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | | N/A | | | | |
| | MT42L128M64D2LL-25 WT:A(D9QQG) | 8G bit | 128M×32×2Ch | LPDDR2 | 216ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | N/A | |
| | MT52L256M32D1PF-107 WT:B(D9SRZ) | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | T/A | T/A | T/A | T/A | T/A | | T/A | | N/A | | N/A | N/A | |
| | MT52L512M32D2PF-107 WT:B(D9SSF) | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | T/A | T/A | T/A | T/A | | T/A | | T/A | T/A | | N/A | N/A | |
| | MT53B256M32D1NP-062 WT:C(D9TFT) | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT53E256M32D2DS-053 WT:B(D9WRB) | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A [4] | N/A | N/A | N/A | T/A [4] | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT53B512M32D2NP-062 WT:C(D9TFW) | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT53D512M32D2DS-053 WT:D(D9WHZ) | 16G bit | 512M×32 | LPDDR4 | 200ball | T/A | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT53B512M64D4NK-053 WT:C(D9TGF) | 32G bit | 512M×64 | LPDDR4 | 366ball | N/A | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | MT53E512M64D4NK-046 WT:D(D9XPK) | 32G bit | 512M×64 | LPDDR4 | 366ball | N/A | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x/RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2/RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hynix | H5PS1G63CFP | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | 兼容性好 |
| | H5PS1G63EFR | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |
| | H5TQ1G83DFR | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | T/A | | √ | | | T/A | |
| | H5TQ1G83TFR | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | 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 | |
| | H5TQ2G83FFR | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | | | | T/A | T/A | | |
| | H5TQ2G83GFR | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | 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 | | 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 | T/A [1] | |
| | H5TC4G83AFR | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | | | | T/A [1] | |
| | H5TQ4G83MFR | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | 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 | 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 | | | | T/A | |
| | H5TC4G63EFR | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | 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 | | | | | |
| | 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 | | T/A | T/A | T/A | |
| | H5TC8G63AMR | 8G bit | 512M×16 | DDR3L | 96ball | | | | | T/A | | | T/A | | T/A | | | | | | |
| | H5TC8G63CMR | 8G bit | 512M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | | | | |
| | H5AN4G6NAFR | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H5AN4G6NBJR | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H5AN8G6NAFR | 8G bit | 512M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H5AN8G6NCJR | 8G bit | 512M×16 | DDR4 | 96ball | | N/A | | N/A | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H5AN8G6NDJR | 8G bit | 512M×16 | DDR4 | 96ball | | N/A | | N/A | | T/A | | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H5ANAG6NAMR | 16G bit | 1024M×16 | DDR4 | 96ball | | N/A | | N/A | | T/A | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9TCNNN8JDMMPR | 8Gb/2CS | 256M×32 | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | T/A | |
| | H8TJR00X0MLR | 8Gb/2CS | 256M×32 | LPDDR2 | 168ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | T/A | |
| | H9TKNNN8KDMPQR | 8Gb/2Channel | 128M×32×2Ch | LPDDR2 | 216ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | | | N/A | T/A [2] | N/A | | |
| | H9TKNNNBPDMRAR | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 220ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | | |
| | H9CCNNN8JTALAR | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | T/A | N/A | N/A | N/A | |
| | H9CCNNN8GTMLAR | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | T/A | T/A | T/A | T/A | | T/A | | T/A | | | N/A | N/A | N/A | |
| | H9CCNNN8JTMLAR | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | N/A | N/A | N/A | | | N/A | | | N/A | | N/A | N/A | N/A | |
| | H9CCNNNBJTALAR | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | T/A | T/A | T/A | T/A | | T/A | | | | | N/A | N/A | N/A | |
| | H9CCNNNBLTALAR | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | T/A | | T/A | T/A | | | | T/A | | | N/A | N/A | N/A | |
| | H9CCNNNBJTMLAR | 16G bit | 512M×32 | LPDDR3 | 178ball | | N/A | N/A | N/A | N/A | | | N/A | | T/A | N/A | | N/A | N/A | N/A | |
| | H9CKNNNBPTMRLR | 16G bit | 512M×32 | LPDDR3 | 216ball | | N/A | N/A | N/A | N/A | | | N/A | | | N/A | | N/A | N/A | N/A | |
| | H9CKNNNCPTMRPR | 32G bit | 1024M×32 | LPDDR3 | 256ball | | N/A | N/A | N/A | N/A | | | N/A | | | N/A | | N/A | N/A | N/A | |
| | H9HCNNN8KUMLHR | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9HCNNNBPUMLHR | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9HCNNNBKUMLHR | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9HKNNNDBUMUBR | 24G bit | 384M×64 | LPDDR4 | 366ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9HKNNNCUUMUBR | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | H9HKNNNCTUMUBR | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

Rockchip 瑞芯微电子

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nanya | NT5TU32M16CG-3C | 512M bit | 32M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | | √ | | N/A | N/A | N/A | 兼容性好 |
| | NT5TU32M16FG | 512M bit | 32M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | | N/A | N/A | N/A | |
| | NT5TU64M16HG | 1G bit | 64M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | | N/A | N/A | N/A | |
| | NT5CB64M16GP | 1G bit | 64M×16 | DDR3 | 96ball | | T/A | N/A | N/A | N/A | N/A | | N/A | | | T/A | | | T/A | | | |
| | NT5CB128M8DN | 1G bit | 128M×8 | DDR3 | 96ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | | |
| | NT5CC128M8DN | 1G bit | 128M×8 | DDR3L | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | T/A | | √ | | | | T/A | |
| | NT5CB128M8FN | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | T/A | | | | | | T/A | |
| | NT5CC128M8GN | 1G bit | 128M×8 | DDR3L | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | | | | | T/A | |
| | NT5CB256M8GN | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB256M8BN | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB256M8FN | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB256M8IN | 2G bit | 256M×8 | DDR3 | 78ball | | T/A | T/A | | T/A | T/A | | | | | T/A | | | | | | |
| | NT5CC256M8IN | 2G bit | 256M×8 | DDR3L | 78ball | | T/A | T/A | | T/A | T/A | | | | | T/A | | | | T/A | | |
| | NT5CB128M16BP | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB128M16HP | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | T/A | | | T/A | | |
| | NT5CC128M16BP | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | | | | | | | √ | | | | | |
| | NT5CB128M16FP | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB128M16IP | 2G bit | 128M×16 | DDR3L | 96ball | | T/A | | | | | | | | T/A | T/A | | T/A | T/A | T/A | | |
| | NT5CB128M16IP | 2G bit | 128M×16 | DDR3 | 96ball | T/A | | | | T/A | | | | | T/A | T/A | | T/A | T/A | T/A | | |
| | NT5CC128M16JR | 2G bit | 128M×16 | DDR3L | 96ball | T/A | T/A | | | T/A | T/A | T/A | | T/A | T/A | T/A | | | | | | |
| | NT5CB512M8DN | 4G bit | 512M×8 | DDR3 | 78ball | T/A | T/A | | | T/A | T/A | | | | | T/A | | | | | | |
| | NT5CB512M8BN | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | | T/A | T/A | T/A [1] | |
| | NT5CC512M8CN | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | | | T/A | | | | T/A | T/A | T/A [1] | |
| | NT5CC512M8DN | 4G bit | 512M×8 | DDR3L | 78ball | | T/A | T/A | | T/A | T/A | | | | | T/A | | | | | T/A | |
| | NT5CC512M8EN | 4G bit | 512M×8 | DDR3L | 78ball | T/A | | | | | | | | | | T/A | | | | | | |
| | NT5CB256M16BP | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | √ | T/A | T/A | T/A | | |
| | NT5CB256M16CP | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | | |
| | NT5CB256M16DP | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | | | | | |
| | NT5CB256M16EP | 4G bit | 256M×16 | DDR3 | 96ball | T/A | T/A | T/A | T/A | T/A | | | T/A | | | T/A | | | | | | |
| | NT5CC256M16CP | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | | |
| | NT5CC256M16DP | 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 | | |
| | NT5CC256M16EP | 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 | | |
| | NT5CC256M16ER | 4G bit | 256M×16 | DDR3L | 96ball | T/A | T/A | T/A | T/A | T/A | | | T/A | | T/A | T/A | | | | | | |
| | NT5CC256M16ER-EKI | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | | | | | T/A | | | | | | | | | |
| | NT5AD256M16B2 | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| | NT5AD256M16D4 | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| | NT5AD512M16A4 | 8G bit | 512M×16 | DDR4 | 96ball | | N/A | | N/A | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| | NT6TL128M32AQ | 4G bit | 128M×32 | LPDDR2 | 168ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | N/A | T/A | |
| | NT6TL256F32AI | 8G bit | 256M×32 | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | N/A | T/A | |
| | NT6TL256T32AI | 8G bit | 256M×32 | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | N/A | T/A | |
| | NT6TL256T32AQ | 8G bit | 256M×32 | LPDDR2 | 168ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | N/A | T/A | |
| | NT6CL128M32BM | 4G bit | 128M×32 | LPDDR3 | 178ball | N/A | | | | | | | | | T/A | | N/A | N/A | | N/A | T/A | |
| | NT6CL128M32CM | 4G bit | 128M×32 | LPDDR3 | 178ball | N/A | | | T/A | | | T/A | T/A | T/A | | | N/A | N/A | | N/A | T/A | |
| | NT6CL128M32DM | 4G bit | 128M×32 | LPDDR3 | 178ball | N/A | | | T/A | | | T/A | T/A | T/A | | | N/A | N/A | | N/A | T/A | |
| | NT6CL256T32CM | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | | | N/A | N/A | | N/A | | |
| | NT6CL256T32BM | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | T/A | T/A | T/A | T/A | | | T/A | | T/A | | N/A | N/A | | N/A | | |
| | NT6CL256M32AM | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | T/A | T/A | T/A | T/A | | | | | T/A | T/A | N/A | N/A | | N/A | | |
| | NT6CL512T32AM | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | T/A [5] | T/A | T/A [5] | | | | | | T/A [5] | T/A | N/A | N/A | | N/A | | |
| | NT6CL256T32AQ | 8G bit | 256M×32 | LPDDR3 | 168ball | N/A | | | | | | | | | T/A | | N/A | N/A | | N/A | | |
| | NT6AN256T32AV | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |

Rockchip 瑞芯微电子

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | K4T1G164QE | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | | √ | N/A | N/A | N/A | |
| | K4B1G0846G | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | T/A | | √ | | | T/A | |
| | K4B1G1646I-xCxx | 1G bit | 64M×16 | DDR3 | 96ball | | T/A | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | K4B1G1646I-xYxx | 1G bit | 64M×16 | DDR3L | 96ball | | T/A | N/A | N/A | N/A | N/A | | N/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 | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | K4B2G1646Q | 2G bit | 128M×16 | 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 | 128M×16 | DDR3L | 96ball | | T/A | 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 | T/A | | | | | |
| | K4B4G1646B-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | 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 | |
| | K4W4G1646Q-xCxx | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | | | T/A | |
| | K4W4G1646E-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 | T/A | 兼容性好 |
| Samsung | 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 | |
| | K4B4G1646E-BMMA | 4G bit | 256M×16 | DDR3L | 96ball | | | | T/A | | | | T/A | | T/A | | | | | | |
| | K4B8G1646D-xYxx | 8G bit | 512M×16 | DDR3L | 96ball | | | T/A | √ | T/A | T/A | | | | T/A | | | | | | |
| | K4A4G165WE-xCxx | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | T/A | N/A | T/A | T/A | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | K4A4G165WF-xCxx | 4G bit | 256M×16 | DDR4 | 96ball | | N/A | N/A | | N/A | | T/A | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | K3PE0E000M RZQ需要改为150ohm K3PE0E000A-XGC2 RZQ需要改为NC |
| | K4A8G165WB-xCxx | 8G bit | 512M×16 | DDR4 | 96ball | T/A | N/A | T/A | N/A | T/A | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | |
| | K4A8G165WC-xCxx | 8G bit | 512M×16 | DDR4 | 96ball | | N/A | | N/A | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | K4AAG165WA-xCxx | 16G bit | 1024M×16 | DDR4 | 96ball | | N/A | | N/A | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | K3PE0E000A-XGC2 | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 220ball | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | | T/A | N/A | N/A | N/A | N/A | N/A | |
| | K3PE0E000M-XGC2 | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 216ball | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | | T/A | N/A | N/A | N/A | N/A | N/A | |
| | K4E8E304ED-EGCC | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | | | | | | | | | T/A | T/A | N/A | N/A | N/A | N/A | |
| | K4E8E304EE-EGCE | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | | | T/A | | | | T/A | | T/A | | N/A | N/A | N/A | N/A | |
| | K4E8E324EB-AGCF | 8G bit | 256M×32 | LPDDR3 | 168ball | N/A | | | | | | | | | | T/A | N/A | N/A | N/A | N/A | |
| | K4E8E324EB-EGCF | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | | T/A | T/A | T/A | T/A | | T/A | | T/A | T/A | N/A | N/A | N/A | N/A | |
| | K3QF1F10DM-AGCE | 8Gb/2Channel | 128M×32×2Ch | LPDDR3 | 253ball | N/A | | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | K3QF1F10EM-BGCF | 8G bit | 128M×32×2Ch | LPDDR3 | 216ball | N/A | | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | K4E6E304EE-EGCE | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | | T/A | | T/A | T/A | | | | T/A | T/A | N/A | N/A | N/A | N/A | |
| | K4E6E304ED-EGCE | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | K4E6E304EB-EGCF | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | T/A | N/A | N/A | N/A | N/A | |
| | K4E6E304EC-EGCF | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | | T/A | T/A | T/A | T/A | | T/A | | T/A | | N/A | N/A | N/A | N/A | |
| | K4E6E304ED-EGCF | 16G bit | 512M×32 | LPDDR3 | 178ball | T/A | N/A | | | | | | T/A | | T/A | | N/A | N/A | N/A | N/A | |
| | K4EBE304EC-EGCF | 32G bit | 1024M×32 | LPDDR3 | 178ball | T/A | N/A | T/A | | T/A | T/A | | | | | | N/A | N/A | N/A | N/A | |
| | K3QF3F30BM-QGCF | 16G bit | 256M×32×Ch | LPDDR3 | 216ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | K3QF3F30BM-BGCF | 16G bit | 256M×32×Ch | LPDDR3 | 216ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | K4F8E304HB-MGxx | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | K4F6E3S4HM-MGxx | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | K3RG2G20CM-MGCJ | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | N/A | T/A [4] | N/A | N/A | N/A | T/A [4] | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

兼容性好

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/ RV1109 | RV1108/ RK3308 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | RK1808/ RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/ RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPECTEK | PE918-15E (PRN256M8V79DG8GQF-15E) | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | T/A | T/A | T/A | T/A | MICRON子品牌，兼容性良好 |
| | PE936-15E (PRN256M8V89CG8GQF-15E) | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | N/A | | T/A | T/A | T/A | N/A | |
| | PEB08-15E (PRN512M8V80AG8RHF-15E) | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | PEB15-15E (PRN256M16V80AG8GPF-15E) | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | T/A | T/A | T/A | T/A | |
| | PEB16-15E (PRM256M16V80AG8GPF-15E) | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | ~~PE017 (SUU256M16V90BG8LY-125TP)~~ | ~~4G bit~~ | ~~256M×16~~ | ~~DDR3~~ | ~~96ball~~ | | | | | | | | | | | | | | ~~T/A~~ | | |
| | PE039 (SUU256M16V90BG8LY-125TP) | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | | | | | | | | | T/A | | | | | |
| | Z9QHG (SM128MX32U80MD1LGU-25FT) | 4G bit | 128M×32 | LPDDR2 | 134ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | | T/A | |
| | PB047 (SS256M32V01MD1LPF-107BT) | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | N/A | N/A | N/A | N/A | | | | | | N/A | N/A | N/A | N/A | |
| | PB008 (SM512M322E0FD4LHL) | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | T/A | | | | | T/A | | | | | N/A | N/A | N/A | |
| | PS006 (SU256M32Z01MD1BNP) | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | N/A | |
| | PS007 (SU512M32Z01MD2BNP) | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | | N/A | | N/A | N/A | N/A | |
| | (PS086) SU256M64Z00MD4DKN | 16G bit | 256M×64 | LPDDR4 | 366ball | | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | | N/A | | N/A | N/A | N/A | |
| | PS004 (SM512M64Z91MD4BNK) | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | | N/A | | N/A | N/A | N/A | |
| | PS035 (SU512M64Z01MD4BNK) | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | | N/A | | N/A | N/A | N/A | |
| | PS013 (SM512M64Z01MD4BNK) | 32G bit | 512M×64 | LPDDR4 | 366ball | | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | | N/A | | N/A | N/A | N/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| Elixir | N2TU1G16GG-AC | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | | N/A | NANYA子品牌，兼容性良好，特供指定渠道及客户使用。南亚科技指定经销商：彩虹奥特姆(Aotom)、AVT、富湾(FHL)、芯智(SMC)、伟世科技(WEISHI)、世平(WPI)，提供正品保固及售后服务 |
| | N2CB1G80GN-CG | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | N2CB2G80GN | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | √ | | √ | | | √ | |
| | N2CB2G16BP-CG | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | √ | | √ | | | | |
| | N2CB2G16FP-DI | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | N2CB4G08DN-CG | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A [1] | |
| | N2CB4G16BP-DI | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | N2CC4G16DP | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | 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 | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | T/A | N/A | N/A | T/A | |
| | EM47EM1688SBA-150 | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | T/A | | | | |
| | EM47EM1688SBB-150A | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | EM47FM0888SBA-150 | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | | | | T/A | T/A | | |
| | EM47FM0888SBA-150A | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | | | | T/A | T/A | | |
| | EM47EM3288MBA-125 | 8G bit | 256M×32 | DDR3 | 136ball | | | | | | | | | | T/A | | | | | T/A | |
| | EM45FM3288LBA-187F | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 220ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | | N/A | | N/A | N/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Etron Tech | EM68B16CWPA-25H | 512M bit | 32M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | 台湾颗粒厂商，兼容性较好 |
| | EM68B16CWQK-18H | 512M bit | 32M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | EM68B16CWQH-18H | 512M bit | 32M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | EM6GC16EWKG-12H | 1G bit | 64M×16 | DDR3 | 96ball | | T/A | | | | | | | | | T/A | | | | | |
| | EM6GC16EWKE-12H | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | | | | | | | | | | | |
| | EM6GC16EWXD-12H | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | | | | | | | | | | | |
| | EM6GD16EWKG-12H | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | T/A | | | | | T/A | | | | | |
| | EM6GD16EWXF-12H | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | T/A | | | | | T/A | | | | | |
| | EM6GD16EWBH-12H | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | T/A | | T/A | | | | T/A | | | |
| | EM6GE16EW5B-15H | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | EM6GE08EW8C-12H | 4G bit | 512M×8 | 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 | | T/A | | | | | |
| | EM6GE16EWXD-10H | 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 | | T/A | T/A | T/A | |
| | EM6GE16EW5F-12H | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | | | T/A | T/A | | | | | | | | | | |
| | EM6HE16EW5F-12H | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | | | T/A | T/A | | | | | | | | | | |
| | EM6HE16EWAKG-10H | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | | T/A | | T/A | | | | | | | | | |
| | EM6GE16EWAKG-10H | 4G bit | 256M×16 | DDR3 | 96ball | | | | T/A | | | T/A | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| ESMT | M14D1G1664A-1.8BG2S | 1G bit | 64M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | 台湾颗粒厂商，兼容性较好 |
| | M15T1G1664A-DEBG2C | 1G bit | 64M×16 | DDR3 | 96ball | T/A | T/A | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | M15T1G1664A-DEBG2CS | 1G bit | 64M×16 | DDR3 | 96ball | | | N/A | N/A | N/A | N/A | | N/A | | | | | | T/A | | |
| | M15T2G16128A-DEBG2L | 2G bit | 128M×16 | DDR3 | 96ball | T/A | | | | | N/A | | | | | T/A | | | | | |
| | M15T2G16128A-DEBG2LS | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | T/A | T/A | | T/A | | | | | | | |
| | M15T4G16256A-DEBG2L | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | | | T/A | T/A | | | | | | | | | | |
| | M15F4G16256A-DEBG2L | 4G bit | 256M×16 | DDR3 | 96ball | N/A | N/A | | | N/A | N/A | | | | | N/A | | | | | |

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/ RV1109 | RV1108/ RK3308 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | RK1808/ RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/ RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MIRA | P3R1GE4CFF-G8E | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |
| | P3R1GE3FGF-G8E | 1G bit | 128M×8 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |
| | P2P2GF4ALF-GGN | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | | | | | | T/A | | | | | |
| | P2P2GF4ALF-GJS | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | T/A | | T/A | T/A | | | | | | | | | | |
| | P3P4GF3BLF-GGN | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | N/A | | | T/A | N/A | N/A | |
| | P3P4GF4BLF-GGN | 4G bit | 256M×16 | DDR3 | 96ball | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | P3P4GF4BLF-GJS | 4G bit | 256M×16 | DDR3 | 96ball | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | P3P4GF4DMF-GJS | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | | | T/A | T/A | | | | | | | | | | |
| | P5M4GK4CMF-GMX | 4G bit | 256M×16 | DDR4 | 96ball | N/A | | N/A | | N/A | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| UniIC | SCB15H1G160CF-13K | 1G bit | 64M×16 | DDR3 | 96ball | T/A | N/A | N/A | N/A | N/A | | | N/A | | | | | | | | |
| | SCN13H2G160AF-13K | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | | | | | T/A | |
| | SCB13H2G160AF-11M | 2G bit | 128M×16 | DDR3L | 96ball | T/A | | | | | | | | | | T/A | | | | | |
| | SCB15H2G160AF-13K | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | T/A | | | | | | | | | | |
| | SCB13H2G160EF-09N | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | | | | | | | | | | |
| | SCB13H4G160AF-11M | 4G bit | 256M×16 | DDR3L | 96ball | T/A | T/A | 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 | 256M×16 | DDR3 | 96ball | T/A | | | | | | | | | T/A | T/A | | T/A | T/A | | |
| | HXI15H4G160AF-13K | 4G bit | 256M×16 | DDR3 | 96ball | | | | T/A | | | | T/A | | | | | | | | |
| | SCB13H8G162BF-11M | 8G bit | 512M×16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | | T/A | | T/A | | | | | | |
| | SCB13H8G162BF-13KI | 8G bit | 512M×16 | DDR3L | 96ball | | | T/A | | | | | T/A | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| SCSemicon | HXB18T1G160AF-25D | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/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。 |
| | HXB18T2G160AF-25D | 2G bit | 128M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |
| | HXB15H2G800BF-15H | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | N/A | T/A | N/A | T/A | |
| | HXB15H2G160CF-13K | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | | | T/A | | | |
| | HXB15H4G800BF-15H | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | N/T [1] | T/A | N/A | T/A [1] | |
| | HXB15H4G160BF-15H | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | T/A | | | T/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| ADATA | 3CCD-1211A EL1250V | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | N/A | T/A | N/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 | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | D2ND-1211A NA1518V | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| ANOR | AM43Q2G08AFP-150C | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | N/A | T/A | N/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 | 512M×8 | DDR3 | 78ball | | | | | | | | | | | | | T/A | N/A | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Zentel | A3R12E40DBF-AH | 512M bit | 32M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | N/A | | N/A | N/A | |
| | A3T1GF40CBF-HP | 1G bit | 64M×16 | DDR3 | 96ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| | A3T1GF40CBF-GM | 1G bit | 64M×16 | DDR3 | 96ball | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| | A3T2GF40BBF-GM | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | T/A | | | | | |
| | A3T4GF40ABF-GM | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | | | T/A | T/A | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| ProMOS | V59C1G01168QBASXJ25 | 1G bit | 64M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |
| | V73CAG01808RA JI9 | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | V59C1G02168QB | 2G bit | 128M×16 | DDR2 | 84ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | √ | N/A | N/A | N/A | |

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/ RV1109 | RV1108/ RK3308 | RK3228H | RK3399 | RK3328 | RK3326/ PX30 | RK1808/ RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SMART** | S4B2G0846C-HYH9 | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | | | T/A | 巴西颗粒，国内用的不多 |
| | S4B2G0846D-HYK0 | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | | | T/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **πPM** | PME810816CBR-G8DN | 1G bit | 64M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | PMF510816ABR-G8DN | 1G bit | 64M×16 | DDR3 | 96ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | PMF511816ABR-G8DN | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | | √ | | | | |
| | PMF511816DBR-KADN | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | | | T/A | |
| | PMF512816BBR-KADN | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | | | T/A | |
| | PMF512816DBR-KADN | 4G bit | 256M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | PMF412816FBR-KADN | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **MT.MOSET** | ED3E25608CE-P9 | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | T/A | T/A | N/A | T/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **WINS** | VP5TQ1G0835-F9 | 1G bit | 128M×8 | DDR3 | 78ball | | | N/A | N/A | N/A | N/A | | N/A | | | | √ | | | | |
| | VP5TQ2G1635FFP-F9 | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | | √ | N/A | N/A | | |
| | VP5TQ2G0835L-F9 | 2G bit | 256M×8 | DDR3 | 78ball | | | | | | | | | | | | √ | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **Kingston** | D1216ECMDXGJD | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | 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。 |
| | D5128EETBPGGBU | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | D2516EC4BXGGB | 4G bit | 256M×16 | DDR3L | 96ball | T/A [3] | | | | | | | | | T/A [3] | T/A [3] | | T/A [3] | T/A [3] | T/A [3] | |
| | D2516ECMDXGJD | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | | T/A | T/A | T/A | | T/A | T/A | T/A | | | | | |
| | D2516JC4BXGJD | 4G bit | 256M×16 | DDR3 | 96ball | | | | | T/A | | | T/A | | T/A | | | | | | |
| | B5116ECMDXGJD | 8G bit | 512M×16 | DDR3L | 96ball | | | | | | | | | | T/A | | | | | | |
| | D2532LA3WLGJA | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | | | | | T/A | | T/A | | T/A | N/A | N/A | N/A | N/A | |
| | D2532LA6MLGJA | 8G bit | 256M×32 | LPDDR3 | 178ball | | N/A | T/A | | T/A | T/A | T/A | | T/A | | | N/A | N/A | N/A | N/A | |
| | KB23AADL3E08G | 8G bit | 512M×16 | LPDDR3 | 178ball | | N/A | | | | | | | | T/A | | N/A | N/A | N/A | N/A | |
| | D2516PC1CDGPLR | 8G bit | 256M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | Q5116PH1MDGPAR | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | B5116PH3MDGPAR | 16G bit | 512M×32 | LPDDR4 | 200ball | | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **ISSI** | IS43TR16640B-125KBL | 1G bit | 64M×16 | DDR3 | 96ball | | T/A | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | IS43TR16128C-125KBL | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | | T/A | T/A | | T/A | | T/A | | | | | |
| | IS43TR16512BL-125KBLI | 8G bit | 512M×16 | DDR3L | 96ball | | | | | T/A | | | | T/A | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **axeme** | H2A301G1656BC6C | 1G bit | 64M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | H2A401G1666BFBC | 1G bit | 64M×16 | DDR3 | 96ball | | T/A | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | H2A402G1666BFBC | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | | | | T/A | T/A | | |
| | H2A404G1666CFMC | 4G bit | 256M×16 | DDR3 | 96ball | | | T/A | | T/A | T/A | | | | | | | | | | |
| | H2A404G0866CD8C | 4G bit | 512M×8 | DDR3 | 78ball | | | | | | | | | | T/A | | | | | T/A | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| **ISDT** | IL2BR20E8H | 16Gb/2Channel | 256M×32×2Ch | LPDDR2 | 220ball | N/A | | N/A | N/A | N/A | N/A | | N/A | | T/A | | N/A | | N/A | | |
| | | | | | | | | | | | | | | | | | | | | | |

Rockchip 瑞芯微电子

| Manufacturer | Part Number | Density | Organization | Type | package | RV1126/RV1109 | RV1108/RK3308 | RK3228H | RK3399 | RK3328 | RK3326/PX30 | RK1808/RK1806 | RK3399PRO CPU_RAM | RK3399PRO NPU_RAM | RK3288 | RK3368/RK3228A/RK3228B/RK3229/PX5 | RK290x/RK2918 | RK2928/RK3028A/RK3128/PX3-SE | RK2926/RK3026/RK3036/RK3036G/RK3126 | RK3066/RK3066A/PX2/RK3168/RK3188/PX3 | 与RK兼容情况 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Winbond | W9751G6KB-25 | 512M bit | 32M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | W971GG6SB-18 | 1G bit | 64M×16 | DDR2 | 84ball | N/A | T/A | N/A | N/A | N/A | N/A | | N/A | | N/A | N/A | | N/A | N/A | N/A | |
| | W631GG6KB-12 | 1G bit | 64M×16 | DDR3 | 96ball | T/A | N/A | N/A | N/A | N/A | N/A | | N/A | | | T/A | | | | | |
| | W631GG6MB-12 | 1G bit | 64M×16 | DDR3 | 96ball | T/A | N/A | N/A | N/A | N/A | N/A | | N/A | | | | | | | | |
| | W632GG6KB-15 | 2G bit | 128M×16 | DDR3 | 96ball | | | | | | | | | | T/A | | | T/A | T/A | T/A | |
| | W632GG6NB-12 | 2G bit | 128M×16 | DDR3 | 96ball | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Goldkey | GH4061600HRL-1833 | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | | T/A | T/A | | | | | | | | | | |
| | GE8062400HD-1833 | 8G bit | 512M×16 | DDR4 | 96ball | N/A | | N/A | | | | T/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| BIWIN | BW52L512M32D2PF | 16G bit | 512M×32 | LPDDR3 | 178ball | N/A | | | | | T/A | | | T/A | | T/A | N/A | N/A | N/A | N/A | |
| | BWMD4X32H2A-08Gb | 8G bit | 256M×32 | LPDDR4 | 200ball | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | BWMD4X32H2A-16Gb | 16G bit | 512M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| FORESEE | F60C1A0002-M6 | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | | | | | T/A | | T/A | | | |
| | F60C1A0004-M7 | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | | T/A | T/A | | T/A | | T/A | T/A | | T/A | | | |
| | NCLD3B2256M32 | 8G bit/ 2cs | 256M×32 | LPDDR3 | 178ball | N/A | | T/A | | | T/A | | T/A | | T/A | | | | | | |
| | NCLD4C1MA256M32 | 8G bit | 256M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | NCLDXC1MG256M32 | 8G bit | 256M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | NCLD4C2MA512M32 | 16G bit | 512M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | NCLDXC1MC512M32 | 16G bit | 512M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Essencore | I5TQ4G63EFR | 4G bit | 256M×16 | DDR3 | 96ball | | | T/A | | T/A | T/A | | | | | | | | | | |
| | EL38NMAAA1-PBER | 8G bit | 256M×32 | LPDDR3 | 178ball | N/A | | | T/A | | | | T/A | | | | N/A | N/A | N/A | N/A | |
| | EL4BPMBBB1-S4ER | 16G bit | 512M×32 | LPDDR4 | 200ball | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Netsol | S5RG2G20CMS-MGCJ | 32G bit | 512M×64 | LPDDR4 | 366ball | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| TMTC | TN4G16D3CSEP-EK | 4G bit | 256M×16 | DDR3 | 96ball | | | | T/A | | | | T/A | | | | | | | | |
| | TM8G32MD4LSA1-I4 | 8G bit | 256M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | TH16G32MD4LQM1-I4 | 16G bit | 512M×32 | LPDDR4 | 200ball | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| ICMAX | IMD256M16R30HG8GNF-107 | 4G bit | 256M×16 | DDR3 | 96ball | | | | | T/A | | | T/A | | | | | | | | |
| | IMD256M16R324J8LY | 4G bit | 256M×16 | DDR3 | 96ball | | | | | T/A | | | T/A | | | | | | | | |
| | IMD512M16R31AG8GPF | 8G bit | 512M×16 | DDR3 | 96ball | | | | | T/A | | | T/A | | | | | | | | |
| | IMH256M32Z1D1DNP | 8G bit | 256M×32 | LPDDR4 | 200ball | N/A | N/A | T/A | N/A | N/A | N/A | N/A | T/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Dosilicon | FM38E16SAB-9MGD | 2G bit | 128M×16 | DDR3L | 96ball | | | | | | T/A | | | | | | | | | | |
| | FM38F16SBB-9MGD | 4G bit | 256M×16 | DDR3L | 96ball | | | | | | T/A | | | | | | | | | | |
| CXMT | CXDQ2BFANCG | 4G bit | 256M×16 | DDR4 | 96ball | N/A | | T/A [6] | N/A | T/A [6] | | | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | |
| | CXDQ3BFANCG | 8G bit | 512M×16 | DDR4 | 96ball | N/A | | T/A [6] | N/A | T/A [6] | | | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | |

14