

Rockchip Solutions DDR SDRAM Support List

Ver 2.12

2015/7/17

◆ 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 | 2013.5.17 |
| 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 |

◆ Symbol

| Symbol | Description |
|--------|----------------------------------|
| √ | 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 | RK2906_PMIC_REF_V20_0418 |
| RK2918 | DDR2/DDR3 | RK2918_REF_V13_20110517 |
| RK2926/RK3026 | DDR3 | 2926_86v_v1.2_20121109 |
| RK2928/RK3028/RK3028A | DDR3 | RK2928-DDR3P208SD4-V10-20120712LX.pcb |
| RK3066 | DDR3/LPDDR2 | RK3066_REF_TPS659102_V12_20121024_1CELL |
| PX2 | DDR3/LPDDR2 | PX2_CAR_V11.pcb |
| RK3168/RK3188 | DDR3/LPDDR2 | RK3188-DDR3P416SS4-V10-20130607WF.pcb |
| RK3126 | DDR3 | 2926_86v_v1.2_20121109 |
| RK3128 | DDR3/LPDDR2 | RK3128-DDR3P216SD4-V10-20140912HJH.pcb |
| RK3288 | DDR3/LPDDR2/LPDDR3 | RK3288-DDR3P416SD6-V11-20140305HJH |
| RK3368 | DDR3/LPDDR2/LPDDR3 | R88(RK3368)_V01_20150313 |
| RK3036 | DDR3 | RK3036_SDK_V1.0_20140528 |
| RK3036G | DDR3 | DONGLE_RK3036-G_20150408J.pcb |

Application Note:

[1] Following SOC's not support the 512Mx8 DDR3 because of the package without Address Input pin A15:

RK2906-6, RK2906-8, RK3066.

[2] The DRAM Part Number is 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.

[3] 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.

[4] Since DDR is high speed device. Please directly copy our PCB DRAM Part Template and follow our PCB product guide.

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[5] Only supported by RK3128.

| Manufacturer | Part Number | Density | Organization | Type | package | RK281x | RK290x RK2918 | RK2928/RK30 28A/RK3128 | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188 | RK3288 | RK3368 | 与RK兼容情况 |
|--------------|-------------------------|---------------|---------------------|--------|---------|--------|------------------|---------------------------|---|-------------------------------------|--------|--------|--|
| Elpida | E1116AEBG-8E-F | 1G bit | 64M×16 | DDR2 | 84ball | √ | √ | | | | | | 除个别老款颗粒如： EDJ2108DBG对pcb要 求偏高外总体兼容情况 良好 |
| | EDJ1108DJBG | 1G bit | 128M x 8 | DDR3 | 78ball | | √ | | | | | | |
| | EDJ1116DJBG | 1G bit | 64M×16 | DDR3 | 96ball | | √ | | | | | | |
| | EDJ2116DEBG | 2G bit | 128M×16 | DDR3 | 96ball | | √ | | | | | | |
| | EDJ2116EEBG | 2G bit | 128M×16 | DDR3L | 96ball | | T/A | | | | | | |
| | EDJ2108DEBG | 2G bit | 256M×8 | DDR3 | 78ball | | √ | T/A | T/A | √ | √ | | |
| | EDJ2108DBG | 2G bit | 256M×8 | DDR3 | 78ball | | √ | T/A | N/A | √ | √ | | |
| | EDJ2108EEBG | 2G bit | 256M×8 | DDR3L | 78ball | | | | | | | | |
| | 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 | | |
| | EDJ2108EDBG | 2G bit | 256M×8 | DDR3L | 78ball | | | | | T/A | T/A | | |
| | EDJ4216EFBG | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | T/A | | |
| | EDJ4208BBBG | 4G bit | 512M×8 | DDR3 | 78ball | | | T/A | T/A | T/A ⁽¹⁾ | T/A | | |
| | EDJ4208EFBG | 4G bit | 512M×8 | DDR3L | 78ball | | | T/A | T/A | T/A ⁽¹⁾ | T/A | | |
| | EDJ4208EBBG | 4G bit | 512M×8 | DDR3L | 78ball | | | T/A | N/A | T/A ⁽¹⁾ | T/A | | |
| | EDB4032B2MA | 4Gb/2CS | 64M×32×2pcs | LPDDR2 | 134ball | | | | | T/A | T/A | | |
| | EDB8132B3MA | 8Gb/2CS | 128M×32×2pcs | LPDDR2 | 134ball | | | | | T/A | T/A | | |
| | EDBM164B1PD-1D-I | 12Gb/2channel | 256Mx32+ 128Mx32 | LPDDR2 | 220ball | | | | | N/A | T/A | | |
| | FA232A1MA-GD-F | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | EDFA232A2MA-GD-F-D | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | EDF8132A3MA-GD-F-D | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | EDF8132A1MC-GD-F-D | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | | |
| Micron | MT47H64M16HR-25 | 1G bit | 64M×16 | DDR2 | 84ball | √ | √ | | | | | | 兼容性好 |
| | MT41J128M8JP-15E:G | 1G bit | 128M x 8 | DDR3 | 78ball | | √ | | | | | | |
| | MT41J128M16HA-15E:D | 2G bit | 128M×16 | DDR3 | 96ball | | √ | | | | | | |
| | MT41J256M8HX-15E:D | 2G bit | 256M×8 | DDR3 | 78ball | | √ | T/A | T/A | T/A | T/A | | |
| | MT41K128M16HA-15E:D | 2G bit | 128M×16 | DDR3L | 96ball | | √ | | | | | | |
| | MT41K256M16RE-15E:D | 4G bit | 256M×16 | DDR3L | 96ball | | √ | | | | | | |
| | MT41K512M8RA-15E:D | 4G bit | 512M×8 | DDR3L | 78ball | | | | | | | | |
| | MT41K256M8DA-125:K | 2G bit | 256M×8 | DDR3L | 78ball | | √ | T/A | T/A | T/A | T/A | | |
| | MT41K128M16JT-125:K | 2G bit | 128M×16 | DDR3L | 96ball | | √ | | | T/A | T/A | | |
| | MT41K512M8RH-125:E | 4G bit | 512M×8 | DDR3L | 78ball | | | T/A | T/A | T/A ⁽¹⁾ | T/A | | |
| | MT41K256M16HA-125:E | 4G bit | 256M×16 | DDR3L | 96ball | | √ | T/A | T/A | T/A | T/A | | |
| | MT41K256M8DA-125:M | 2G bit | 256M×8 | DDR3L | 78ball | | T/A | T/A | T/A | T/A | T/A | | |
| | MT41K256M16HA-125M:E | 4G bit | 256Mx16 | DDR3L | 96ball | | | | | | | | |
| | MT41K256M16LY-107:N | 4G bit | 256Mx16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | | |
| | MT42L128M32D1GU-25 WT:A | 4G bit | 128Mx32 | LPDDR2 | 134ball | | | | | T/A | T/A | | |
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| Manufacturer | Part Number | Density | Organization | Type | package | RK281x | RK290x RK2918 | RK2928/RK30 28A/RK3128 | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188 | RK3288 | RK3368 | 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 | | |
| | H5TQ2G63BFR | 2G bit | 128M×16 | DDR3 | 96ball | | ✓ | | | | | | |
| | H5TQ2G83CFR | 2G bit | 256M×8 | DDR3 | 78ball | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | H5TQ2G83BFR | 2G bit | 256M×8 | DDR3 | 78ball | | T/A | T/A | T/A | ✓ | ✓ | | |
| | H5TQ1G83TFR | 1G bit | 128M×8 | DDR3 | 78ball | | ✓ | | | | | | |
| | H5TQ4G63MFR | 4G bit | 256M×16 | DDR3 | 96ball | | ✓ | T/A | T/A | T/A | T/A | | |
| | H5TQ2G63DFR | 2G bit | 128M×16 | DDR3 | 96ball | | ✓ | | | T/A | T/A | | |
| | H5TQ2G83EFR | 2G bit | 256M×8 | DDR3 | 78ball | | T/A | T/A | T/A | 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 | | |
| | H5TQ4G63AFR | 4G bit | 256M×16 | DDR3 | 96ball | | 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 | | |
| | H5TQ1G63DFR | 1G bit | 64M×16 | DDR3 | 96ball | | | | | | | | |
| | 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 | | | | |
| | H5TC4G63CFR | 4G bit | 256M×16 | DDR3L | 96ball | | | | | T/A | T/A | | |
| | H9TCNNN4JDMMPR | 4Gb/2CS | 128M×32 | LPDDR2 | 134ball | | | | | | | | |
| | H9TCNNN8JDMMPR | 8Gb/2CS | 256M×32 | LPDDR2 | 134ball | | | | | T/A | T/A | | |
| | H8TJR00X0MLR | 8Gb/2CS | 256M×32 | LPDDR2 | 168ball | | | | | T/A | T/A | | |
| | H9TP3A8LDMCMR | 8Gb/2CS | 256M×32 | LPDDR2+eNAND | 162ball | | | | | | | | |
| | H9TKNNNBPDMPR | 16Gb/2Channel | 256M×32x2Ch | LPDDR2 | 220ball | | | | | N/A | T/A | | |
| | H9TKNNNB8DMPQR | 8Gb/2Channel | 128M×32x2Ch | LPDDR2 | 216ball | | | T/A ⁽⁵⁾ | | | | | |
| | H9CCNNNBTLALR | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | H9CCNNNB8JTLALR | 8Gb | 256M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | H9CCNNNB8GTMLAR | 8Gb | 256M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| | H9CCNNNB8JTLMLAR | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | | |
| Nanya | NT5TU32M16CG-3C | 512M bit | 32M×16 | DDR2 | 84ball | ✓ | ✓ | | | | | | 兼容性好 |
| | NT5TU64M16GG | 1G bit | 64M×16 | DDR2 | 84ball | ✓ | | | | | | | |
| | NT5CB128M8DN | 1G bit | 128M×8 | DDR3 | 96ball | | ✓ | | | | | | |
| | 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 | | |
| | NT5CC128M8DN | 1G bit | 128M×8 | DDR3L | 78ball | | ✓ | | | T/A | T/A | | |
| | NT5CC128M16BP | 2G bit | 128M×16 | DDR3L | 96ball | | ✓ | | | | | | |
| | 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 | | |
| | NT5CB256M16BP | 4G bit | 256M×16 | DDR3 | 96ball | | ✓ | T/A | T/A | T/A | T/A | | |
| | NT5CB256M8FN | 2G bit | 256M×8 | DDR3 | 78ball | | ✓ | T/A | T/A | T/A | T/A | | |
| | NT5CB128M8FN | 1G bit | 128M×8 | DDR3 | 78ball | | | | | T/A | T/A | | |
| | NT5CB128M16FP | 2G bit | 128M×16 | DDR3 | 96ball | | ✓ | | | T/A | T/A | | |
| | NT5CB512M8BN | 4G bit | 512M×8 | DDR3 | 78ball | | | T/A | T/A | T/A ⁽¹⁾ | T/A | | |
| | NT5CB256M16CP | 4G bit | 256M×16 | DDR3 | 96ball | | | T/A | T/A | T/A | T/A | | |
| | NT5CC256M16CP | 4G bit | 256M×16 | DDR3L | 96ball | | T/A | T/A | T/A | T/A | T/A | | |
| | NT5CC256M16DP | 4G bit | 256M×16 | DDR3L | 96ball | | | T/A | T/A | T/A | T/A | | |
| | NT5CC512M8CN | 4G bit | 512M×8 | DDR3L | 78ball | | | T/A | T/A | T/A ⁽¹⁾ | T/A | | |
| | NT5CC128M16IP | 2G bit | 128M×16 | DDR3L | 96ball | | | 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 | | |
| | NT6TL128M32AQ | 4G bit | 128M×32 | LPDDR2 | 168ball | | | | | T/A | T/A | | |

| Manufacturer | Part Number | Density | Organization | Type | package | RK281x | RK290x RK2918 | RK2928/RK30 28A/RK3128 | RK2926/RK3026/ RK3036/RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188 | RK3288 | RK3368 | 与RK兼容情况 |
|--------------|---------------------------------------|---------------|--------------|-------------|---------|--------|------------------|---------------------------|---------------------------------|-------------------------------------|--------|--------|--|
| Samsung | K4T1G164QE | 1G bit | 64M×16 | DDR2 | 84ball | ✓ | ✓ | | | | | | 兼容性好 K3PE0E000M RZQ需要 改为150ohm K3PE0E000A-XGC2 RZQ 需要改为NC |
| | K4B2G1646C | 2G bit | 128M×16 | DDR3 | 96ball | | ✓ | | | | | | |
| | K4B1G0846G | 1G bit | 128M×8 | DDR3 | 78ball | | ✓ | | | T/A | T/A | | |
| | K4B2G0846C | 2G bit | 256M×8 | DDR3 | 78ball | | ✓ | | | | | | |
| | K4B2G1646E | 2G bit | 128M×16 | DDR3 | 96ball | | T/A | | | T/A | T/A | | |
| | K4B2G1646Q | 2G bit | 128M×16 | DDR3 | 96ball | | 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 | |
| | K4B4G1646D-xYxx | 4G bit | 256M×16 | DDR3L | 96ball | | | 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 | | |
| | KMKJS000VM | 8Gb/2CS | 256M×32 | LPDDR2+eMMC | 162ball | | | | | | | | |
| | 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 | | |
| | K4E8E304EE-EGCE | 8Gb | 256Mx32 | LPDDR3 | 178ball | | | | | | T/A | | |
| SPECTEK | K4E6E304EE-EGCE | 16Gb | 512M×32 | LPDDR3 | 178ball | | | | | | T/A | T/A | MICRON子品牌， 兼容性良好 |
| | K3QF1F10DM-AGCE | 8Gb/2Channel | 128Mx32x2Ch | LPDDR3 | 253ball | | | | | | T/A | | |
| | 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 | | |
| | PE947-15E (PRN256M8V80AG8RHF-15E) | 2G bit | 256Mx8 | DDR3 | 78ball | | | | | | | | |
| | 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 | | |
| | Z9QHG (SM128MX32U80MD1LGU-25FT) | 4G bit | 128Mx32 | LPDDR2 | 134ball | | | | | T/A | T/A | | |
| | D9QQG-25BT | 8G bit | 128Mx32x2Ch | LPDDR2 | 216ball | | | | | N/A | T/A | | |
| | | | | | | | | | | | | | |
| Elixir | N2TU1G16GG-AC | 1G bit | 64M×16 | DDR2 | 84ball | | ✓ | | | | | | 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、富鸿 (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 | | ✓ | | | | | | |
| | 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 | | |
| | | | | | | | | | | | | | |

| Manufacturer | Part Number | Density | Organization | Type | package | RK281x | RK290x RK2918 | RK2928/RK30 28A/RK3128 | RK2926/RK3026/ RK3036/RK3036G /RK3126 | RK3066/RK3066A/PX2 RK3168/RK3188 | RK3288 | RK3368 | 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 | T/A | | |
| | EM45FM3288LBA-187F | 16Gb/2Channel | 256Mx32x2Ch | LPDDR2 | 220ball | | | | | N/A | T/A | | |
| Etron Tech | EM68B16CWPA-25H | 512M bit | 32M×16 | DDR2 | | √ | √ | | | | | | 台湾颗粒厂商，兼容性 较好 |
| | EM6GE16EW5B-15H | 4G bit | 256M×16 | DDR3 | 96ball | | T/A | T/A | T/A | T/A | T/A | | |
| | EM6GE16EWXC-12H | 4G bit | 256M×16 | DDR3 | 96ball | | | 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 | | |
| MIRA | P3R1GE4CFF-G8E | 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-G8E | 1G bit | 128M×8 | DDR2 | 84ball | √ | √ | | | | | | |
| | 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 | | |
| SCSemicon | HXB18T2G160AF-25D | 2G bit | 128M×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。 |
| | HXB18T1G160AF-25D | 1G bit | 64M×16 | DDR2 | 84ball | √ | √ | | | | | | |
| | HXB15H2G800BF-15H | 2G bit | 256M×8 | DDR3 | 78ball | | N/A | T/A | N/A | T/A | 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。 |
| | DWND-1211A EL1311V | 4G bit | 512Mx8 | DDR3 | 78ball | | | | | | | | |
| | 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 | | | | |
| ProMOS | V59C1G01168QBASXJ25 | 1G bit | 64M×16 | DDR2 | 84ball | √ | √ | | | | | | |
| | V59C1G02168QB | 2G bit | 128M×16 | DDR2 | 84ball | | √ | | | | | | |
| | V73CAG01808RA JI9 | 1G bit | 128M×8 | DDR3 | 78ball | | √ | | | | | | |

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