

Rockchip Solutions DDR SDRAM Support List

Ver 2.52

2022/4/1

NOTICE

◆ Symbol

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

- ◆ The DRAM Part Number usually consists of two parts divided by '-', the first part contains memory type, density, organization, package, and the second part usually means data rate. It should be noticed that some vendor like ESMT,RAYSON,CXMT, BIWIN, Kingston, Forsee, Goldkey, the second part contains other important information.We don't care about the part represented of data rate.
- ◆ 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
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◆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_ddd_XXXMHz_v1.22.bin` and trust version `rk3399_bl31_v1.28.elf`. On RK3399pro, loader should be updated to `rk3399pro_ddd_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_ddd_400MHz_vX.XX.bin` to merge loader.

[7] On RK3568/RK3566, loader should be updated to `rk3568_ddd_dddMHz_v1.09.bin` / `rk3566_ddd_dddMHz_v1.09.bin` or later version.

[8] Only after week code **2101** (means 2021, week 01th) can be used, the product with early week code may cause system crash or unstable.



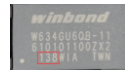
week code

[9] Only after week code **2118** (the third row, first four numbers means 2021, week 18th) can be used, the product with early week code may cause system crash or unstable.



week code

[10] Only after week code **022** (the fourth row, first three numbers means 2020, week 22th) can be used, the product with early week code may cause system crash or unstable.



week code

[11] For LPDDR4 and LPDDR4X unified product, platform only approve LPDDR4 mode, not guarantee LPDDR4X mode can work stably. So VDDQ must provide 1.1V not 0.6V.

[12] For LPDDR4X mode, the DDR bin need update to V1.13 or later version.

[13] Only after week code **201** (the fourth row, first three numbers means 2022, week 2nd) can be used, the product with early week code may cause crash.



week code

◆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_TP5659102_V12_20121024_1CELL
PX2	DDR3/DDR3L/LPDDR2	PX2_CAR_V11.pcb
RK3168/RK3188	DDR3/DDR3L/LPDDR2	RK3188-DDR3P4165S4-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_LP35178P132SD4_V11_20180301FZB
RK3326S	DDR3/DDR3L/DDR4/LPDDR3/LPDDR4	RK_EVB_PX30-S_DDR3P416DD6_V10_20210629KYY
PX30	DDR3/DDR3L/DDR4/LPDDR2/LPDDR3	RK_EVB_PX30_DDR4P416DD6_V10_20180301_FZB
RK3308	DDR3/DDR3L/DDR2/LPDDR2	RK_EVB_RK3308_DDR3P16SD4_V10_20180301
RK3399PRO	DDR3/DDR3L/LPDDR3/LPDDR4	RK3399Pro_Layout_Template_LP35178P232_LP35178P132_SD8_V10_20181120
RK1808/RK1806	DDR3/DDR3L/LPDDR3/DDR4	RK_EVB_RK1808_DDR3P216SD6_V10_2018-09-07_VWQ
RV1126/RV1109	DDR3/DDR3L/DDR4/LPDDR3/LPDDR4	RV1126/1109_EVB_DDR3216SD6_v10_20191219LXF
RK3566/RK3568	DDR3/DDR3L/DDR4/LPDDR4	RK_EVB1_RK3568_DDR4P216SD6_V10_20200908GXL
RK3588	LPDDR4/LPDDR5	RK_EVB1_RK3588_LP4XD20P232SD10H1_V10_2021-08-16_LINT

◆ 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
2.44	Add some supporting messages, modify IMD256M16R4ABD8LY, IMD512M16R4AZD8LY, H9CKNNNBPTMLHR, H9CKNNNBPTMLRL, H9CKNNNCPTMRPR to N/A. Add "Product Status".	2020.09.02
2.45	Add some supporting messages, change the order of manufacture.	2020.11.17
2.46	Add some supporting messages	2021.01.29
2.47	Add some supporting messages	2021.04.16
2.48	Add some supporting messages	2021.07.20
2.49	Modify T/ A of K4U8E354AD-MG**, NT6AP256T32AV, NT6AP512T32AV to N/A on RV1126/RV1109 and fill Samsung /Nanya LPDDR4X on RV1126/RV1109 with N/A.	2021.07.23
2.50	Add some supporting messages, add note [8] [9] [10][11]	2021.10.22
2.51	Add some supporting messages	2022.01.17
2.52	Add some supporting messages, change note [12][13]	2022.04.01

See Infocenter, <https://redmine.rock-chips.com/documents/49>, for access to the latest support list.

Consumer

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3508 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-5	RK3228H	RK3399	RK3328	RK33245/ PX305	RK3326/ PX30	RK1800/ RK1806	RK3399PRO CPU/RA M	NPU/RA M	RK3288	RK3368/RK3228 A/RK3228B/RK3229/PX5	RK2904 RK2918	RK2928/RK3028A/RK312 &PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RK兼容情况
Micron	MT47H64M16HR-25		1G bit	64M×16	DDR2	84ball																✓				
	MT41J128MBJP-15EG(D9MNU)		1G bit	128M×8	DDR3	78ball																✓				
	MT41K128M8DA-107J(D9RDJ)		1G bit	128M×8	DDR3L	78ball																				T/A
	MT41K64M16TW-107J(D9SFT)		1G bit	64M×16	DDR3L	96ball					T/A															
	MT41J128M16HA-15E(D9LQG)		2G bit	128M×16	DDR3	96ball																✓				
	MT41J256M8HK-15E(D9LGG)		2G bit	256M×8	DDR3	78ball														T/A		✓	T/A	T/A	T/A	T/A
	MT41K256M8DA-125K(D9PSH)		2G bit	256M×8	DDR3L	78ball														T/A		✓	T/A	T/A	T/A	T/A
	MT41K256M8DA-125MD(D9PFJ)		2G bit	256M×8	DDR3L	78ball														T/A		✓	T/A	T/A	T/A	T/A
	MT41K128M16HA-15E(D9LJM)		2G bit	128M×16	DDR3L	96ball																✓				
	MT41K128M16T-125K(D9PTK)		2G bit	128M×16	DDR3L	96ball					T/A											✓	T/A	T/A	T/A	T/A
	MT41K128M16T-107K (D9PSZ)		2G bit	128M×16	DDR3L	96ball											T/A		T/A			✓	T/A	T/A	T/A	T/A
	MT41K512M8RH-125E(D9QBQ)		4G bit	512M×8	DDR3L	78ball																				
	MT41K512M8RG-107N(D9RVX)		4G bit	512M×8	DDR3L	78ball																				T/A ⁽¹⁾
	MT41K512M8DA-107P(D9SGQ)		4G bit	512M×8	DDR3L	78ball																				T/A
	MT41K256M16RE-15E(D9PBF)		4G bit	256M×16	DDR3L	96ball																✓				
	MT41K256M16HA-125E(D9PKV)		4G bit	256M×16	DDR3L	96ball																✓	T/A	T/A	T/A	T/A
	MT41K256M16LY-107N(D9SDJ)		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	✓	T/A	T/A	T/A	T/A
	MT41K256M16TW-107P(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					T/A
	MT41K256M16TW-107 IT-(D9SHG)		4G bit	256M×16	DDR3L	96ball																				
	MT41K512M16HA-125A(D9STQ)	EOL	8G bit	512M×16	DDR3L	96ball																				
	MT41K512M16HA-107A(D9SDQ)	EOL	8G bit	512M×16	DDR3L	96ball																				T/A
	MT41K512M16VRP-107IT-P(D9ZWN)		8G bit	512M×16	DDR3L	96ball																				
	MT40A256M16GE-083E-B(D9TGG)	EOL	4G bit	256M×16	DDR4	96ball																				
	MT40A256M16GE-078E-B (D9TGS)		4G bit	256M×16	DDR4	96ball																				
	MT40A512M16TB-062E-J(D9WWP)		8G bit	512M×16	DDR4	96ball			T/A	T/A					T/A	T/A	T/A	T/A	T/A							
	MT40A512M16Y-083E-B(D9TBK)		8G bit	512M×16	DDR4	96ball			T/A	T/A																
	MT40A512M16LY-062E-E(D9WFF)		8G bit	512M×16	DDR4	96ball				T/A																
	MT40A1G16WBU-083E-B(D9TPH)		16G bit	1024M×16	DDR4	96ball						T/A														
	MT40A1G16K-062E-E(D9ZVW)		16G bit	1024M×16	DDR4	96ball																				
	MT40A1G16TB-062EF (D8CJX)		16G bit	1024M×16	DDR4	96ball				T/A	T/A															
	MT40A2G16SKL-062E-B(D9XQF)		32G bit	2048M×16	DDR4	96ball				T/A	T/A															
	MT42L128M32D1GU-25 WT-A(Z9QHJ)		4G bit	128M×32	LPDDR2	134ball																				T/A
	MT42L256M16D1GU-18 WT-A(D9RLI)		4G bit	256M×16	LPDDR2	134ball					T/A															
	MT42L128M64D2LL-25 WT-A(D9QCG)		8G bit	128M×32×2Ch	LPDDR2	216ball																				
	MT52L256M32D1PF-107 WT-B(D9SRZ)		8G bit	256M×32	LPDDR3	178ball																				N/A
	MT52L512M32D2PF-107 WT-B(D9SFF)		16G bit	512M×32	LPDDR3	178ball																				
	MT53E128M16D1DS-046 WT-A(D9WXT)		2G bit	128M×16	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	MT53E128M32D2DS-046 WT-A(D9WXR)		4G bit	128M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	MT53B256M32D1NP-062 WT-C(D9TFT)	EOL	8G bit	256M×32	LPDDR4	200ball																				
	MT53E256M32D2DS-053 WT-B(D9WRB)		8G bit	256M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	MT53E256M32D2ZF-046 WT-B (D9ZKT)		8G bit	256M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A ⁽¹⁾	T/A ⁽¹⁾	T/A														
	MT53E384M32D2DS-053 WT-E (D9WRN)		12G bit	384M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A	T/A														
	MT53E384M32D2ZF-046 WT-E (D8BBR)		12G bit	384M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A ⁽¹⁾	T/A ⁽¹⁾	T/A ⁽¹⁾														
	MT53B512M32D2NP-062 WT-C(D9TFW)	EOL	16G bit	512M×32	LPDDR4	200ball																				
	MT53D512M32D2DS-053 WT-D(D9WHZ)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	MT53E512M32D2NP-046 WT-E (D9WGB)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A	T/A ⁽¹⁾	T/A ⁽¹⁾	T/A													
	MT53E512M32D2ZF-046 WT-D(D9ZLL)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A	T/A ⁽¹⁾	T/A ⁽¹⁾	T/A ⁽¹⁾													
	MT53E512M32D1NP-046 WT-B(D8BQM)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A	T/A ⁽¹⁾	T/A ⁽¹⁾														
	MT53E512M32D4NQ-053 RS WT-F(D9ZBD)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	MT53D1024M32D4DT-053 WT-D(D9WHV)		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A ⁽¹⁾	T/A														
	MT53D1024M32D4DT-046 WT-D(D9WQG)		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A															
	MT53E1G32D2ZF-046 WT-B (D8CJG)		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A	T/A														
	MT53E1536M32D4DE-046 WT-B(D8BDQ)		48G bit	1536M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A															
	MT53E2G32D4DE-046 WT-A (D9ZRD)		64G bit	2048M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A ⁽¹⁾	T/A ⁽¹⁾														
	MT53B512M64D4NK-053 WT-C(D9TGF)	EOL	32G bit	512M×64	LPDDR4	366ball																				
	MT53E512M64D4NK-046 WT-D(D9XPK)		32G bit	512M×64	LPDDR4	366ball																				

兼容性好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 / RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3325/ PX305	RK3326/ PX30	RK1800/ RK1806	RK3399PRO CPU RA M	NPU RA M	RK3288	RK3368/RK3322H A/RK3228B/RK3229/PX5	RK290A/ RK2918	RK2928/RK3028A/RK3128 S/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Samsung	K4T1G164QE		1G bit	64M×16	DDR2	84ball																✓					
	K4B1G084G		1G bit	128M×8	DDR3	78ball																✓					
	K4B1G164G-1C**		1G bit	64M×16	DDR3	96ball				T/A	T/A															T/A	
	K4B1G164G-1Y**		1G bit	64M×16	DDR3L	96ball				T/A	T/A																
	K4B2G084G		2G bit	256M×8	DDR3	78ball																	✓				
	K4B2G084G-1Y**		2G bit	256M×8	DDR3L	78ball																				T/A	
	K4B2G164G		2G bit	128M×16	DDR3	96ball																					
	K4B2G164G		2G bit	128M×16	DDR3	96ball																					
	K4B2G164G		2G bit	128M×16	DDR3	96ball																					
	K4B2G164G-1Y**		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	T/A
	K4B4G084G-1C**		4G bit	512M×8	DDR3	78ball				T/A	T/A			T/A	T/A	T/A	T/A										
	K4B4G164G-1C**		4G bit	256M×16	DDR3	96ball																	✓	T/A	T/A	T/A	T/A
	K4B4G164G-1Y**	EOL	4G bit	256M×16	DDR3L	96ball					T/A	T/A		✓	T/A	T/A	T/A							T/A	T/A	T/A	T/A
	K4B4G164G-1Y**	EOL	4G bit	256M×16	DDR3L	96ball					T/A	T/A		✓	T/A	T/A	T/A							T/A	T/A	T/A	T/A
	K4AAG164GQ-1C**		4G bit	256M×16	DDR3	96ball																					
	K4B4G164G-1Y**		4G bit	256M×16	DDR3L	96ball				T/A	T/A			T/A	T/A	T/A	T/A										
	K4B4G164G-1C**		4G bit	256M×16	DDR3	96ball					T/A	T/A			T/A	T/A	T/A										
	K4B4G164G-1Y**		4G bit	256M×16	DDR3L	96ball				T/A	T/A			T/A	T/A	T/A	T/A										
	K4AAG165WE-1C**		4G bit	256M×16	DDR4	96ball																					
	K4AAG165WF-1C**		4G bit	256M×16	DDR4	96ball				T/A	T/A			T/A	T/A	T/A	T/A										
	K4AAG165WB-1C**		8G bit	512M×16	DDR4	96ball				T/A	T/A			T/A													
	K4AAG165WC-1C**		8G bit	512M×16	DDR4	96ball				T/A	T/A																
	K4AAG165WA-1C**		16G bit	1024Mx16	DDR4	96ball				T/A	T/A																
	K4AAG165WA-1C**		32G bit	2048M×16	DDR4	96ball				T/A	T/A																
	Samsung	K3PE0E000A-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball																				N/A
		K3PE0E000M-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	216ball																				N/A
		K4EBE304ED-EGCC		8G bit	256M×32	LPDDR3	178ball																				
		K4EBE304EE-EGCE		8G bit	256M×32	LPDDR3	178ball								T/A												
		K4EBE304EB-AGCF		8G bit	256M×32	LPDDR3	168ball																				
		K4EBE324EB-EGCF		8G bit	256M×32	LPDDR3	178ball																				
		K4EBE324ED-EGCG		8G bit	256M×32	LPDDR3	178ball																				
		K3QF1F10DM-AGCE		8Gb/2Channel	128M×32×2Ch	LPDDR3	253ball																				
		K3QF1F10EM-BGCF		8G bit	128M×32×2Ch	LPDDR3	216ball																				
		K4EBE304EE-EGCE	EOL	16G bit	512M×32	LPDDR3	178ball																				
		K4EBE304EB-EGCF		16G bit	512M×32	LPDDR3	178ball																				
		K4EBE304EC-EG**		16G bit	512M×32	LPDDR3	178ball				T/A	T/A															
		K4EBE304ED-EG**		16G bit	512M×32	LPDDR3	178ball																				
		K4EBE304EC-EG**		32G bit	1024M×32	LPDDR3	178ball																				
		K3QF3F30BM-QGCF		16G bit	256M×32×2Ch	LPDDR3	216ball																				
		K4FEBE34H-MG**		4G bit	128M×32	LPDDR4	200ball																				
		K4FEBE34HB-MG**		8G bit	256M×32	LPDDR4	200ball																				
		K4FEBE34HD-MG**		8G bit	256M×32	LPDDR4	200ball																				
		K4F2E3S4HM-MG**		12G bit	384M×32	LPDDR4	200ball																				
		K4F6E3S4HM-MG**		16G bit	512M×32	LPDDR4	200ball																				
		K4F6E3S4HM-SG**		16G bit	512M×32	LPDDR4	200ball																				
		K4FEBE304HM-MG**		32G bit	768M×32	LPDDR4	200ball																				
K4EBE3D4HB-MG**			32G bit	1024M×32	LPDDR4	200ball																					
K4LJBE3S4AD-MG**			8G bit	256M×32	LPDDR4X	200ball																					
K4LJBE3S4AA-MG**			16G bit	512M×32	LPDDR4X	200ball																					
K4LJBE3S4AB-MG**			16G bit	512M×32	LPDDR4X	200ball																					
K4LJBE3D4AB-MG**		24G bit	768M×32	LPDDR4X	200ball																						
K4LJBE3Q4AA-MG**		32G bit	1024M×32	LPDDR4X	200ball																						
K4LJBE3D4AB-MG**		32G bit	1024M×32	LPDDR4X	200ball																						
K4LJCE3Q4AA-MG**		64G bit	2048M×32	LPDDR4X	200ball																						
K4LJCE3Q4AB-MG**		64G bit	2048M×32	LPDDR4X	200ball																						
K3RGZG20CM-MGCJ	EOL	32G bit	512M×64	LPDDR4	366ball																						
兼容性好 K3PE0E000M R2Q需要 改为150ohm K3PE0E000A-XGC2 R2Q 需要改为N/C																											

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK33245/ PX305	RK3326/ PX30	RK1800/ RK1806	RK3399PRO CPU RA M	NPU RA M	RK3288	RK3368/RK3328 A/RK3328B/RK3329/PX5	RK2904/ RK2918	RK2928/RK3028A/RK312 B/PX3-SE	RK2926/RK3026/ /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Hynix	H5PS1G63CFP		1G bit	64M×16	DDR2	84ball																✓					
	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	✓	✓	
	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	T/A	T/A	T/A	
	H5TQ2G83GFR	EOL	2G bit	256M×8	DDR3	78ball																T/A				T/A	
	H5TQ2G63BFR	EOL	2G bit	128M×16	DDR3	96ball																✓					
	H5TQ2G63FFR	EOL	2G bit	128M×16	DDR3	96ball																	T/A	T/A			
	H5TQ2G63GFR	EOL	2G bit	128M×16	DDR3	96ball					T/A	T/A			T/A	T/A					T/A		T/A	T/A		T/A	
	H5TC2G63GFR	EOL	2G bit	128M×16	DDR3L	96ball					T/A																
	H5TQ2G63DFR	EOL	2G bit	128M×16	DDR3	96ball																✓				T/A	
	H5TQ4G83AFR	EOL	4G bit	512M×8	DDR3	78ball																		T/A	T/A	T/A ⁽¹⁾	
	H5TC4G83AFR	EOL	4G bit	512M×8	DDR3L	78ball																				T/A ⁽¹⁾	
	H5TQ4G83MFR	EOL	4G bit	512M×8	DDR3	78ball																		T/A	T/A	T/A ⁽¹⁾	
	H5TC4G83BFR	EOL	4G bit	512M×8	DDR3L	78ball																					
	H5TQ4G63MFR	EOL	4G bit	256M×16	DDR3	96ball																	✓	T/A	T/A	T/A	
	H5TQ4G63AFR	EOL	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	EOL	4G bit	256M×16	DDR3L	96ball																					
	H5TC4G63CFR	EOL	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			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	T/A			T/A	T/A		T/A	
	H5TQ4G63CFR	EOL	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	
	H5TC8G63AMR	EOL	8G bit	512M×16	DDR3L	96ball					T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A								
	H5TC8G63CMR	EOL	8G bit	512M×16	DDR3L	96ball																					
	HSAN4G6NAFR	EOL	4G bit	256M×16	DDR4	96ball							T/A					T/A									
	HSAN4G6NBJR		4G bit	256M×16	DDR4	96ball				T/A	T/A							T/A									
	HSANB6GNAFR	EOL	8G bit	512M×16	DDR4	96ball							T/A					T/A									
	HSANB6GNCJR		8G bit	512M×16	DDR4	96ball												T/A									
	HSANB6GNDJR		8G bit	512M×16	DDR4	96ball				T/A	T/A	T/A						T/A									
	HSANAG6NAMR		16G bit	1024M×16	DDR4	96ball												T/A									
	HSANAG6NCMR		16G bit	1024M×16	DDR4	96ball												T/A									
	HSANAG6NCJR		16G bit	1024M×16	DDR4	96ball												T/A									
	H9TCNNNBIDMMPR		8Gb/2CS	256M×32	LPDDR2	134ball																T/A					T/A
	H8TJR00X0MLR		8Gb/2CS	256M×32	LPDDR2	168ball																T/A					T/A
	H9TKNNNBKDMMPQR		8Gb/2Channel	128M×32×2Ch	LPDDR2	216ball																		T/A ⁽²⁾			
	H9TKNNNBPDMMR		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball																					N/A
	H9CCNNNB7TALR	EOL	8G bit	256M×32	LPDDR3	178ball																					
H9CCNNNB8TMLAR	EOL	8G bit	256M×32	LPDDR3	178ball							T/A	T/A	T/A	T/A	T/A	N/A	T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
H9CCNNNB7TALR	EOL	8G bit	256M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/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	
H9CCNNNB7TALR	EOL	16G bit	512M×32	LPDDR3	178ball							T/A	N/A	N/A	N/A	N/A	N/A	N/A									

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3585	RK3568	RK3566	RV1126 /RV1109	RV1108 /RK3308 /RK3308B-S	RK3228H	RK3399	RK3328	RK3326 /PK305	RK3326 /PK30	RK1808 /RK1806	RK3399PRO CPU RA M	RK3399PRO NPU RA M	RK3288	RK3368/RK3328 A/RK3328B/RK3329/PK5	RK2908 /RK2918	RK2928/RK3028A/RK312 B/PK3-SE	RK2926/RK3026 /RK3036G /RK3126	RK3866/RK3866A/PK2 RK3168/RK3188/PK3	与双兼容情况
Nanya	NT5TU32M16CG-3C		512M bit	32M×16	DDR2	84ball																✓				
	NT5TU32M16FG		512M bit	32M×16	DDR2	84ball					T/A															
	NT5TU64M16HG		1G bit	64M×16	DDR2	84ball					T/A															
	NT5CB64M16GP		1G bit	64M×16	DDR3	96ball					T/A															
	NT5CC64M16GP		1G bit	64M×16	DDR3L	96ball					T/A															
	NT5CB128M8DN		1G bit	128M×8	DDR3	96ball																✓				
	NT5CC128M8DN		1G bit	128M×8	DDR3L	78ball															T/A	✓				T/A
	NT5CB128M8FN		1G bit	128M×8	DDR3	78ball															T/A					T/A
	NT5CC128M8GN		1G bit	128M×8	DDR3L	78ball																✓		T/A	T/A	T/A
	NT5CB256M8GN		2G bit	256M×8	DDR3	78ball															T/A	✓	T/A	T/A	T/A	T/A
	NT5CB256M8BN		2G bit	256M×8	DDR3	78ball															T/A	✓	T/A	T/A	T/A	T/A
	NT5CB256M8FN		2G bit	256M×8	DDR3	78ball															T/A	✓	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
	NT5CC128M16FP	EOL	2G bit	128M×16	DDR3L	96ball					T/A										T/A		✓	T/A	T/A	T/A
	NT5CB128M16IP	EOL	2G bit	128M×16	DDR3	96ball					T/A										T/A		✓	T/A	T/A	T/A
	NT5CB128M16IR		2G bit	128M×16	DDR3	96ball					T/A	T/A									T/A		✓	T/A	T/A	T/A
	NT5CC128M16IR		2G bit	128M×16	DDR3L	96ball					T/A	T/A									T/A		✓	T/A	T/A	T/A
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball																				
	NT5CB512M8BN		4G bit	512M×8	DDR3	78ball																				
	NT5CC512M8BN		4G bit	512M×8	DDR3L	78ball																				T/A ⁽¹⁾
	NT5CB512M8DN		4G bit	512M×8	DDR3L	78ball					T/A	T/A														T/A ⁽¹⁾
	NT5CC512M8DN		4G bit	512M×8	DDR3L	78ball					T/A	T/A														T/A
	NT5CC512M8EN		4G bit	512M×8	DDR3L	78ball					T/A															
	NT5CB256M16BP		4G bit	256M×16	DDR3	96ball															T/A		✓	T/A	T/A	T/A
	NT5CB256M16CP	EOL	4G bit	256M×16	DDR3	96ball																				T/A
	NT5CB256M16DP	EOL	4G bit	256M×16	DDR3	96ball																				T/A
	NT5CB256M16EP		4G bit	256M×16	DDR3	96ball					T/A	T/A														
	NT5CC256M16CP	EOL	4G bit	256M×16	DDR3L	96ball																				T/A
	NT5CC256M16DP	EOL	4G bit	256M×16	DDR3L	96ball																				T/A
	NT5CC256M16EP		4G bit	256M×16	DDR3L	96ball					T/A	T/A														T/A
	NT5CC256M16ER		4G bit	256M×16	DDR3	96ball					T/A	T/A														
	NT5CB256M16ER		4G bit	256M×16	DDR3	96ball					T/A															
	NT5CC256M16ER-EKI		4G bit	256M×16	DDR3L	96ball																				
	NT5AD256M16B2		4G bit	256M×16	DDR4	96ball																				
	NT5AD256M16D4		4G bit	256M×16	DDR4	96ball																				
	NT5AD256M16E4		4G bit	256M×16	DDR4	96ball																				
	NT5AD512M16A4		8G bit	512M×16	DDR4	96ball																				
	NT5AD512M16C4		8G bit	512M×16	DDR4	96ball																				
	NT6TL128M32AQ		4G bit	128M×32	LPDDR2	168ball																				T/A
	NT6TL256F32AI		8G bit	256M×32	LPDDR2	134ball																				T/A
	NT6TL256F32AI		8G bit	256M×32	LPDDR2	134ball																				T/A
	NT6TL256F32AQ		8G bit	256M×32	LPDDR2	168ball																				T/A
	NT6CL128M32BM		4G bit	128M×32	LPDDR3	178ball																				
	NT6CL128M32CM		4G bit	128M×32	LPDDR3	178ball																				
	NT6CL128M32DM		4G bit	128M×32	LPDDR3	178ball																				
	NT6CL256F32CM		8G bit	256M×32	LPDDR3	178ball																				
	NT6CL256F32BM		8G bit	256M×32	LPDDR3	178ball																				
	NT6CL256M32AM		8G bit	256M×32	LPDDR3	178ball																				
	NT6CL512T32AM		16G bit	512M×32	LPDDR3	178ball																				
	NT6CL256T32AQ		8G bit	256M×32	LPDDR3	168ball																				
	NT6AN256T32AV		8G bit	256M×32	LPDDR4	200ball																				
	NT6AN1024F32AV		32G bit	1024M×32	LPDDR4	200ball																				
	NT6AP256T32AV		8G bit	256M×32	LPDDR4X	200ball																				
	NT6AP512T32AV		16G bit	512M×32	LPDDR4X	200ball																				

兼容性好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3325/ PK305	RK3326/ PK30	RK1808/ RK1806	RK3399PRO CPU_RA M NPU_RA M	RK3288	RK3368/RK3228 A/RK3228B/RK3229/PKS	RK2904 RK2918	RK2928/RK3028A/RK3128/PK3-SE	RK2926/RK3026A/RK3036G/RK3126	RK3066/RK3066A/PK2 RK3168/RK3188/PK3	与双兼容情况
CXMT	CXDQ2BFAMCG		4G bit	256M×16	DDR4	96ball			T/A	T/A		T/A ^(H)		T/A ^(H)											
	CXDQ3BFAMCG		8G bit	512M×16	DDR4	96ball				T/A		T/A ^(H)		T/A ^(H)											
	CXDQ3BFAMCQ-A		8G bit	512M×16	DDR4	96ball				T/A		T/A ^(H)		T/A ^(H)											
	CXDB3ABAM-MK		256M×32	LPDDR4/LPDDR4X ^(H)		200ball			T/A ^(H)	T/A ^(H)			T/A					T/A							
	CXDB4ABAM-MK		16G bit	512M×32	LPDDR4/LPDDR4X ^(H)	200ball			T/A ^(H)	T/A ^(H)			T/A					T/A							
	CXDB5CCAM-MK		32G bit	1024M×32	LPDDR4/LPDDR4X ^(H)	200ball			T/A	T/A			T/A					T/A							
GigaDevice	GDQ2BFAA-CE		4G bit	256M×16	DDR4	96ball			T/A	T/A	T/A				T/A	T/A									
	GDQ2BFAA-CJ		4G bit	256M×16	DDR4	96ball			T/A	T/A															
JHICC	CA454G16V-F9GNC		4G bit	256M×16	DDR4	96ball			T/A ^(H)																
ESMT	M14D1G1664A-18BG2S		1G bit	64M×16	DDR2	84ball					T/A														
	M15T1G1664A-DEBG2C		1G bit	64M×16	DDR3L	96ball				T/A	T/A														
	M15T1G1664A-DEBG2CS		1G bit	64M×16	DDR3L	96ball				T/A														T/A	
	M15T1G1664A-EFBG2S		1G bit	64M×16	DDR3L	96ball				T/A															
	M15T2G16128A-DEBG2L	EOL	2G bit	128M×16	DDR3L	96ball					T/A				N/A	N/A									
	M15T2G16128A-DEBG2LS		2G bit	128M×16	DDR3L	96ball				T/A	T/A				T/A	T/A	T/A		T/A	T/A					
	M15T2G16128A-DEBG2R		2G bit	128M×16	DDR3L	96ball				T/A					T/A	T/A	T/A		T/A	T/A					
	M15T4G16256A-DEBG2L	EOL	4G bit	256M×16	DDR3L	96ball						T/A			T/A	T/A	T/A								
	M15F4G16256A-DEBG2L	EOL	4G bit	256M×16	DDR3	96ball					N/A	N/A		N/A	N/A	N/A						N/A			
	M15T4G16256A-DEBG2R		4G bit	256M×16	DDR3L	96ball									T/A	T/A	T/A								
	M15T4G16256A-DEBG2G		4G bit	256M×16	DDR3L	96ball				T/A					T/A	T/A	T/A								
	M15T4G16256A-DEBG2S		4G bit	256M×16	DDR3L	96ball				T/A															
	M16J4G16256A-KJBG		4G bit	256M×16	DDR4	96ball				T/A					T/A	T/A									
	M16J4G16256A-QLBG		4G bit	256M×16	DDR4	96ball									T/A	T/A									
	M56ZBG32256A-SMBIG		8G bit	256M×32	LPDDR4	200ball			T/A	T/A					T/A	T/A									
UniC	SCB15H1G160CF-13K		1G bit	64M×16	DDR3	96ball					T/A														
	SCB15H1G160AF-13K		1G bit	64M×16	DDR3	96ball					T/A														
	SCB15H2G160AF-13K		2G bit	128M×16	DDR3	96ball																		T/A	
	SCB13H2G160AF-11M		2G bit	128M×16	DDR3L	96ball																			
	SCB15H2G160AF-13K	EOL	2G bit	128M×16	DDR3	96ball									T/A	T/A									
	SCB13H2G160AF-09N		2G bit	128M×16	DDR3L	96ball				T/A	T/A				T/A	T/A	T/A		T/A	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		T/A	T/A					
	HXB15H4G800AF-13K		4G bit	512M×8	DDR3	78ball																			
	HXB13H4G160AF-13K		4G bit	256M×16	DDR3	96ball																			
	HXB15H4G160AF-13K		4G bit	256M×16	DDR3	96ball						T/A												T/A	T/A
SCSemicon	SCB13H8G1628F-11M		8G bit	512M×16	DDR3L	96ball				T/A		T/A	T/A	T/A	T/A	T/A	T/A		T/A						
	SCB13H8G1628F-11M		8G bit	512M×16	DDR3L	96ball				T/A		T/A	T/A	T/A	T/A	T/A	T/A		T/A						
	SCB12Q4G160AF-07Q		4G bit	256M×16	DDR4	96ball				T/A	T/A	T/A													
	HXB18T1G160AF-25D		1G bit	64M×16	DDR2	84ball																			
	HXB18T2G160AF-25D		2G bit	128M×16	DDR2	84ball																			
	HXB15H2G800BF-15H		2G bit	256M×8	DDR3	78ball																			
Winbond	W9751G6KB-25		512M bit	32M×16	DDR2	84ball					T/A														
	W9751G6NB-25		512M bit	32M×16	DDR2	84ball					T/A														
	W971G6G5B-18		1G bit	64M×16	DDR2	84ball					T/A														
	W631G6G6B-12		1G bit	64M×16	DDR3	96ball																			
	W631G6G6B-12	EOL	1G bit	64M×16	DDR3	96ball																			
	W631G6G6B-12		1G bit	64M×16	DDR3L	96ball					T/A ^(H)														
	W632G6G6B-15		2G bit	128M×16	DDR3	96ball																			
	W632G6G6B-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	N/A
	W632G6G6B-09		2G bit	128M×16	DDR3L	96ball																			
	W632G6G6B-09		2G bit	128M×16	DDR3L	96ball				T/A	T/A														
Etron Tech	W634G6G6B-11		4G bit	256M×16	DDR3L	96ball							T/A ^(H)												
	W668L6NBUAF		2G bit	128M×16	LPDDR4	200ball					T/A														
	W66CL2NQUAF		4G bit	128M×32	LPDDR4	200ball					T/A														
	EM68B16CWP-A-25H		512M bit	32M×16	DDR2	84ball																			
	EM68B16CWQ-K-18H		512M bit	32M×16	DDR2	84ball					T/A														
	EM68B16CWQH-18H		512M bit	32M×16	DDR2	84ball					T/A														
	EM6GC16EWKG-12H		1G bit	64M×16	DDR3	96ball					T/A														
	EM6GC16EWKE-12H	EOL	2G bit	128M×16	DDR3	96ball																			
	EM6GC16EWXD-12H	EOL	2G bit	128M×16	DDR3	96ball																			
	EM6GD16EWKG-12H	EOL	2G bit	128M×16	DDR3	96ball									T/A	T/A									
台湾颗粒厂商，兼容性较好	EM6GD16EWXF-12H	EOL	2G bit	128M×16	DDR3	96ball									T/A	T/A									
	EM6GD16EWBH-12H		2G bit	128M×16	DDR3	96ball																			
	EM6HCT16EWBH-09H		2G bit	128M×16	DDR3L	96ball				T/A															
	EM6GE16EW5B-15H		4G bit	256M×16	DDR3	96ball																			
	EM6GE08EW8C-12H		4G bit	512M×8	DDR3	96ball																			
	EM6GE16EWXC-12H		4G bit	256M×16	DDR3	96ball																			
	EM6HE16EWXD-12H	EOL	4G bit	256M×16	DDR3L	96ball					T/A	T/A			T/A	T/A	T/A	T/A		T/A					
	EM6GE16EWXD-10H	EOL	4G bit	256M×16	DDR3	96ball					T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A					
	EM6GE16EW5F-12H	EOL	4G bit	256M×16	DDR3	96ball									T/A	T/A	T/A	T/A		T/A					
	EM6HE16EW5F-12H	EOL	4G bit	256M×16	DDR3L	96ball									T/A	T/A	T/A	T/A		T/A					
台湾颗粒厂商，兼容性较好	EM6HE16EWAKG-10H		4G bit	256M×16	DDR3L	96ball					T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A					
	EM6GE16EWAKG-10H		4G bit	256M×16	DDR3	96ball					T/A														
	EM6OE16NWAXA-08H		4G bit	256M×16	DDR4	96ball				T/A	T/A	T/A													

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 / RK3585	RK3568	RK3566	RV1126 / RV1109	RV1108 / RK3308 / RK3308B-S	RK3228H	RK3399	RK3328	RK3326S / PK305	RK3326 / PK30	RK1808 / RK1806	CPU_RAM	NPU_RAM	RK3399PRO	RK3288	RK3368 / RK3328A / RK3328B / RK3329 / PK35	RK2908 / RK2918	RK2928 / RK3028A / RK3128 / PK3-SE	RK2926 / RK3026 / RK3036 / RK3036G / RK3126	RK3066 / RK3066A / PK2	
Zentel	A3R12E40DBF-AH		512M bit	32M×16	DDR2	84ball					T/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	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A3T2GF40BBF-GM		2G bit	128M×16	DDR3	96ball					N/A													T/A			
	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball						T/A		T/A	T/A	T/A											
ISSI	IS43TR16640B-125KBL		1G bit	64M×16	DDR3	96ball					T/A																
	IS43TR16128C-125KBL		2G bit	128M×16	DDR3	96ball					T/A				T/A	T/A			T/A								
	IS43TR16512BL-125KBL		8G bit	512M×16	DDR3L	96ball						T/A						T/A					T/A				
nPM	PMF510816CBR-G8DN		1G bit	64M×16	DDR2	84ball					T/A																
	PMF510816ABR-G8DN		1G bit	64M×16	DDR3	96ball																		✓			
	PMF511816ABR-G8DN		2G bit	128M×16	DDR3	96ball																		✓			
	PMF511816DBR-KADN		2G bit	128M×16	DDR3	96ball															T/A						T/A
	PMF411816HBR-NCDN		2G bit	128M×16	DDR3L	96ball					T/A																
	PMF412816HBR-KADN		4G bit	256M×16	DDR3L	96ball									T/A	T/A											
	PMF512816B8R-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
	PMF512816HBR-KADN		4G bit	256M×16	DDR3	96ball															T/A ^(H)						
	PMF512816HBR-NCDN		4G bit	256M×16	DDR3	96ball					T/A																
	PMF412816FBR-KADN		4G bit	256M×16	DDR3L	96ball															T/A						
Memory	TMF42G6HBR-NCDN		2G bit	128M×16	DDR3L	96ball					T/A																
	TMF54G6HBR-KADN		4G bit	256M×16	DDR3	96ball															T/A ^(H)						
	TMF54G6HBR-NCDN		4G bit	256M×16	DDR3	96ball					T/A																
Essencore	ISTQ4G63EFR		4G bit	256M×16	DDR3	96ball						T/A			T/A	T/A											
	EL38NMAAA1-PBER		8G bit	256M×32	LPDDR3	178ball															T/A						
	EL4BPMBB1-S4ER		16G bit	512M×32	LPDDR4	200ball																					
SPECTEK	PEB18-15E (PRN256M8V79DG8GQF-15E)		2G bit	256M×8	DDR3	78ball															T/A			T/A	T/A	T/A	T/A
	PEB36-15E (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	T/A ^(H)
	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	T/A
	PEB17 (SUJ256M16V908G8LY-125TP)		4G bit	256M×16	DDR3	96ball																				T/A	
	PE039 (SUJ256M16V908G8LY-125TP)		4G bit	256M×16	DDR3	96ball						T/A											T/A				
	PE029 PRN256M16V00HG8GNF-125		4G bit	256M×16	DDR3	96ball										T/A	T/A										
	Z9QHG (SM128MX32U80MD1LGU-25FT)		4G bit	128M×32	LPDDR2	96ball																	T/A				T/A
	PB047 (SS256M32V01MD1LPF-107BT)		8G bit	256M×32	LPDDR3	178ball						N/A	N/A	N/A	N/A	N/A											
	PB008 (SM512M322E0FD4LHL)		16G bit	512M×32	LPDDR3	178ball															T/A						
	PS006 (SU256M32201MD1BNP)		8G bit	256M×32	LPDDR4	200ball																					
	PS007 (SU512M32201MD2BNP)		16G bit	512M×32	LPDDR4	200ball																					
	(PS086) SU256M64200MD4DKN		16G bit	256M×64	LPDDR4	366ball															T/A						
	PS004 (SM512M64291MD4BNK)		32G bit	512M×64	LPDDR4	366ball															T/A						
	PS035 (SU512M64201MD4BNK)		32G bit	512M×64	LPDDR4	366ball																					
	PS013 (SM512M64201MD4BNK)		32G bit	512M×64	LPDDR4	366ball															T/A						

MICRON子品牌，兼容性良好

[illegible]

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/RK 3308/RK330 8B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ RK1806	CPU RA M	NPU RA M	RK3399PRO	RK3288	RK3368/RK3228 A/RK3328B/RK 3229/PX5	RK290x RK2918	RK2626/RK3 026A/RK312 8/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Dositcon	FM38E16SAB-9MGD		2G bit	128M×16	DDR3L	96ball				T/A					T/A	T/A												
	FM38F16SBB-9MGD		4G bit	256M×16	DDR3L	96ball									T/A	T/A					T/A							
GCAI	GD81B32MJ0-41M2		8G bit	256M×32	LPDDR4	200ball				T/A																		
	GD82D32MJ0-42M3		16G bit	512M×32	LPDDR4X	200ball				T/A																		
	GD82D32MJ0-42M6		24G bit	768M×32	LPDDR4X	200ball				T/A	T/A																	
	GD82D32MJ0-42M7		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A ⁽¹⁾	T/A ⁽¹⁾					N/A												
ICMAX	IMD128M16R32ZJ8LY		2G bit	128M×16	DDR3L	96ball									T/A	T/A												
	IMD256M16R30HG8GNF-107		4G bit	256M×16	DDR3	96ball									T/A	N/A	T/A			T/A								
	IMD256M16R32A8LY		4G bit	256M×16	DDR3L	96ball				T/A					T/A	T/A				T/A								
	IMD512M16R31AG8BPF		8G bit	512M×16	DDR3	96ball									T/A	T/A												
	IMD256M16RAABD8LY		4G bit	256M×16	DDR4	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	N/A	N/A	N/A	N/A	N/A	N/A
	IMD256M16RAZAD8T8		4G bit	256M×16	DDR4	96ball				T/A																		
	IMD512M16RAD8BD8LY		8G bit	512M×16	DDR4	96ball				T/A																		
	IMD512M16RAAZD8JY		8G bit	512M×16	DDR4	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	N/A	N/A	N/A	N/A	N/A	N/A
IMH256M32D121DNP		8G bit	256M×32	LPDDR4	200ball				T/A											T/A								
TMTc	TN4G16D3CEP-EK		4G bit	256M×16	DDR3	96ball								T/A						T/A								
	TM8G32MD4LSA1-14		8G bit	256M×32	LPDDR4	200ball								T/A						T/A								
	TH16G32MD4LQM1-14		16G bit	512M×32	LPDDR4	200ball							N/A							N/A								
Goldkey	GH4061600HRL-1833		4G bit	256M×16	DDR3L	96ball									T/A	T/A												
	GE406266HD		4G bit	256M×16	DDR4	96ball																						
	GE806266ND		8G bit	512M×16	DDR4	96ball				T/A																		
	GE806240HD-1833		8G bit	512M×16	DDR4	96ball												T/A		T/A								
Eorex	EM47DM16885BA		2G bit	128M×16	DDR3	96ball																		N/A				
	EM47EM08885BA-150		2G bit	256M×8	DDR3	78ball															T/A			T/A	N/A	N/A	N/A	T/A
	EM47EM16885BA-150		4G bit	256M×16	DDR3	96ball																		T/A				
	EM47EM16885BB-150A		4G bit	256M×16	DDR3	96ball																T/A			T/A	T/A	T/A	
	EM47FM08885BA-150		4G bit	512M×8	DDR3	78ball																			T/A	T/A		
	EM47FM08885BA-150A		4G bit	512M×8	DDR3	78ball																			T/A	T/A		
	EM47EM3288MBA-125		8G bit	256M×32	DDR3	136ball																					T/A	
	EM45FM3288LBA-187F		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball																T/A					N/A	
axeme	H2A301G1656BC6C		1G bit	64M×16	DDR2	84ball					T/A	N/A	N/A	N/A	N/A	N/A		N/A			N/A	N/A		N/A	N/A		N/A	
	H2A401G1666BFC		1G bit	64M×16	DDR3	96ball					T/A																	
	H2A402G1666BFC		2G bit	128M×16	DDR3	96ball																			T/A	T/A		
	H2A404G1666CFMC		4G bit	256M×16	DDR3	96ball						T/A			T/A	T/A												
	H2A404G0866CDBC		4G bit	512M×8	DDR3	78ball																T/A						T/A
Sinker	SN82816S21PS13		2G bit	128M×16	DDR3L	96ball				T/A																		
	SN85616S21PS13		4G bit	256M×16	DDR3L	96ball				T/A					T/A	T/A												
SCV	D4A16G32D2V-DC		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				T/A																		
Hosin	HG-DR30232-62001		4G bit	256M×16	DDR3L	96ball								T/A						T/A		T/A						
	HG512M32D2PDA1-H2		16G bit	512M×32	LPDDR4X	200ball																						
	HG768M32D4LQM1-H1		24G bit	768M×32	LPDDR4	200ball				N/A	N/A	N/A																
ProMOS	V59C1G01168QBASKJ25		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	
	V73CAG01808RAJ19		1G bit	128M×8	DDR3	78ball																	✓					
	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	
Q-CHIP	QN3R256M16M-16G		4G bit	256M×16	DDR3	96ball															T/A							
Netsol	S5RG2G20CMS-MGCJ		32G bit	512M×64	LPDDR4	366ball						N/A							N/A									
MT.MOSET	ED3E25608CE-P9		2G bit	256M×8	DDR3	78ball															T/A		T/A	T/A	N/A		T/A	
SMART	S4B2G0846C-HYH9		2G bit	256M×8	DDR3	78ball															T/A						T/A	
	S4B2G0846D-HYK0		2G bit	256M×8	DDR3	78ball															T/A						T/A	
WINS	VP5TQ1G0835-F9		1G bit	128M×8	DDR3	78ball																	✓					
	VP5TQ2G1635FFP-F9		2G bit	128M×16	DDR3	96ball																	✓	N/A	N/A			
	VP5TQ2G0835L-F9		2G bit	256M×8	DDR3	78ball																	✓					
ISDT	IL28R20EBH		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball															T/A							

IT																											
Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3308 /RK3308S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU/RA/MA	RPU/RA/MA	RK3288	RK3368/RK3228A/RK3228B/RK3229/PX3	RK2906/ RK2918	RK2926/RK3028A/RK3128/PX3-SE	RK2926/ RK3028A/RK3036/ RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Micron	MT41K256M16TW-107 IT:P(D9SHG)		4G bit	256M×16	DDR3L	96ball							T/A					T/A									
	MT41K512M16VRP-107IT:P(D9ZWN)		8G bit	512M×16	DDR3L	96ball														T/A							
Samsung	K4B4G1646E-BMMA		4G bit	256M×16	DDR3L	96ball							T/A					T/A									
Nanya	NT5CC256M16ER-EKI		4G bit	256M×16	DDR3L	96ball							T/A					T/A									
Unilic	SCB13H8G162BF-13KI		8G bit	512M×16	DDR3L	96ball							T/A					T/A									