

Rockchip Solutions DDR SDRAM Support List

Ver 2.55

2022/12/5

NOTICE

◆ Symbol

Symbol	Description
√	Fully Tested and Mass production
T/A	Sample Tested and Applicable, Applicable and Ready for Mass Production
S/A	The Samples have Passed the Test. However, the Platform Compatibility Test is also required before Mass Production.
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 '√', 'T/A' or 'S/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
- ◆ THIS DOCUMENT IS PROVIDED “AS IS”. ROCKCHIP ELECTRONICS CO., LTD. (“ROCKCHIP”) DOES NOT PROVIDE ANY WARRANTY OF ANY KIND, EXPRESSED, IMPLIED OR OTHERWISE, WITH RESPECT TO THE ACCURACY, RELIABILITY, COMPLETENESS, MERCHANTABILITY, FOR ANY PARTICULAR PURPOSE OR NON-INFRINGEMENT OF ANY REPRESENTATION, INFORMATION AND CONTENT IN THIS DOCUMENT. THIS DOCUMENT IS FOR REFERENCE THIS DOCUMENT MAY BE UPDATED OR CHANGED WITHOUT ANY NOTICE AT ANY TIME THE UPGRADES OF THE PRODUCT OR ANY OTHER REASONS.
- ◆ EVERY TIMES UPDATE WILL BE HIGHLIGHTED BY YELLOW.

◆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_dds_XXXMHz_v1.22.bin` and trust version `rk3399_bl31_v1.28.elf`, or the later version than all above. On RK3399pro, loader should be updated to `rk3399pro_dds_XXXMHz_v1.22.bin`, trust version should be updated to `rk3399pro_bl31_v1.28.elf`. Or the later version than all above.



week code

[6] The DDR must be boot from 400MHz, please use `XXXX_dds_400MHz_vX.XX.bin` to merge loader.

[7] On RK3568/RK3566, loader should be updated to `rk3568_dds_XXXMHz_v1.09.bin` / `rk3566_dds_XXXMHz_v1.09.bin` or later version.

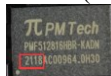
[8] Only after week code **2101**(means 2021, week 01th)can be used, the product with early week code may cause system crash or unstable.



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 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



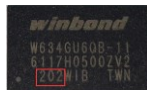
[11] For LPDDR4 and LPDDR4X unified product, platform only approve LPDDR4 mode, not guarantee LPDDR4X mode can work stably.

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



[14] At the speed of 4266Mbps, it exists unfixable issues.

[15] On RV1126/RV1109, the performance of LPDDR4/LPDDR4X is not enough, please use it after evaluation.

[16] It can't work normally between 400MHz-625MHz and DTS cannot use this frequency band.

◆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
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_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
RK3566/RK3568	DDR3/DDR3L/DDR4/LPDDR4	RK_EVB1_RK3568_DDR4P216SD6_V10_20200908GXL
RK3588	LPDDR4/LPDDR5	RK_EVB1_RK3588_LP4XD200P232SD10H1_V10_2021-08-16_LINT

◆ Revision History

Revision No.	History	Date
2.00	ORG.	2012.12.24
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, IMD512M16R4AZD8JY, H9HCNNNBPUMLHR, H9CCNNN8JTMLAR, H9CKNNNBPTMRLR, 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 K4U8E3S4AD-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
2.53	Add some supporting messages, add note [14], modify T/A of K4U6E3S4AA-MG**, K4UHE3D4AB-MG**, K4UBE3D4AA-MG** to N/A on RK3588, modify T/A of NCLDXC1MJ512M32, FLXC2002G-N2, RS512M32LM4D2BDS-53BT, QN4LPD512M32M-32H to N/A on RK3399, modify T/A of FLXC4004G-26, GE8062666ND to N/A on RK3568.	2022.05.30
2.54	Add note[15], change note[4], modify TA of M15T1G1664A-DEBG2C to NA on RV1109, TA of RS2G32LF4D4BDT-53BT to NA on RK3588. Add note [15][2022.08.18
2.55	Change T/A of H9HCNNNBKUMLXR to N/A on RK3399, T/A of EM6HC16EWBH-09H to N/A on all platform. Delete parts of verison history.	2022.12.05

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	RK3588 RK3588S RK3588C	RK3588	RK3566	RV1126 RV1109	RV1106/ RK3308W RK3308B-S	RK3228H	RK3399	RK3328	RK3326/ PX06S	RK3326P X30	RK1808R K1808	RK3399P60 CPU_RAM NPU_RAM	RK3288	RK3368RK3228 A/RK3228B/RK3228P33	RK2908 RK2918	RK3728/RK39 28A/RK3218P X3-SE	RK2926/RK3926B K306/RK306G/R K3126	RK3866/RK3866A/P32 RK3168/RK3188P33	与RK兼容情况
Micron	MT47H64M16HR-25		1G ba	64M*16	DDR2	84ball																			
	MT41J128MRJP-15E-G(D9MNL)		1G ba	128M*8	DDR3	78ball															✓				
	MT41K128MRDA-107-AD(RRD)		1G ba	128M*8	DDR3L	78ball																			
	MT41K64M16TW-107-J(D98F-T)		1G ba	64M*16	DDR3	96ball					T/A														T/A
	MT41J128M16HA-15E-D(PDLOQ)		2G ba	128M*16	DDR3	96ball															✓				
	MT41J256MRHX-15E-D(D9L6K)		2G ba	256M*8	DDR3	78ball													T/A		✓	T/A	T/A	T/A	
	MT41K256MRDA-125-K(D9PSH)		2G ba	256M*8	DDR3L	78ball													T/A		✓	T/A	T/A	T/A	
	MT41K256MRDA-125-M(D9PPF)		2G ba	256M*8	DDR3L	78ball													T/A		✓	T/A	T/A	T/A	
	MT41K128M16HA-15E-D(D9L6M)		2G ba	128M*16	DDR3L	96ball													T/A		✓	T/A	T/A	T/A	
	MT41K128M16T-125-K(D9PTK)		2G ba	128M*16	DDR3L	96ball													T/A		✓	T/A	T/A	T/A	
	MT41K128M16T-107-K(D9PSZ)		2G ba	128M*16	DDR3L	96ball				T/A	T/A							T/A	T/A		✓	T/A	T/A	T/A	
	MT41K512MRHJ-125-E(D9QRJ)		4G ba	512M*8	DDR3L	78ball													T/A			T/A	T/A	T/A	T/A ⁽¹⁾
	MT41K512MRGJ-107-N(D9RVX)		4G ba	512M*8	DDR3L	78ball																			T/A
	MT41K512MRDA-107-P(D9R6G)		4G ba	512M*8	DDR3L	78ball																			T/A
	MT41K256M16R-15E-D(D9PPF)		4G ba	256M*16	DDR3L	96ball															✓				T/A
	MT41K256M16HA-125-E(D9PKV)		4G ba	256M*16	DDR3L	96ball															✓				T/A
	MT41K256M16LY-107-N(D9SDD)		4G ba	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
	MT41K256M16TW-107-P(D9SHD)		4G ba	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(PD9SHG)		4G ba	256M*16	DDR3L	96ball								T/A											
	MT41K512M16HA-125-A(D9STO)	EOL	8G ba	512M*16	DDR3L	96ball																			
	MT41K512M16HA-107-A(D9SDO)	EOL	8G ba	512M*16	DDR3L	96ball								✓											T/A
	MT41K512M16VRP-107-IT(PD9ZWN)		8G ba	512M*16	DDR3L	96ball																			
	MT40A256M16GE-083E-B(D9TQG)	EOL	4G ba	256M*16	DDR4	96ball						T/A		T/A											
	MT40A256M16GE-073E-B(D9TQ8)		4G ba	256M*16	DDR4	96ball									T/A	T/A									
	MT40A512M16TB-062E-J(D9WVP)		8G ba	512M*16	DDR4	96ball			T/A	T/A	T/A				T/A	T/A									
	MT40A512M16JY-083E-B(D9THK)		8G ba	512M*16	DDR4	96ball				T/A	T/A														
	MT40A512M16TB-062E-R(D9HPK)		8G ba	512M*16	DDR4	96ball				T/A	T/A														
	MT40A512M16JY-062E-J(D9WVJ)		8G ba	512M*16	DDR4	96ball																			
	MT40A1G16WBL-083E-B(D9TPH)		16G ba	1024M*16	DDR4	96ball																			
	MT40A1G16KD-062E-J(D9ZFW)		16G ba	1024M*16	DDR4	96ball				T/A	T/A	T/A													
	MT40A1G16TB-062E-F(D9CJX)		16G ba	1024M*16	DDR4	96ball				T/A	T/A														
	MT40A2G16SKL-062E-B(D9XQF)		32G ba	2048M*16	DDR4	96ball				T/A	T/A														
	MT42L128M52D1GU-25 WT-A(Z9QHJ)		4G ba	128M*32	LPDDR2	134ball						T/A													T/A
	MT42L256M16D1GU-18 WT-A(D9RLT)		4G ba	256M*16	LPDDR2	134ball																			
	MT42L128M40ZLL-25 WT-A(D9QCG)		8G ba	128M*32*2Ch	LPDDR2	216ball																			N/A
	MT53E356M52D1PE-107-WT-B(D9BRZ)		8G ba	256M*32	LPDDR3	178ball				T/A			T/A	T/A	T/A	T/A	T/A								
	MT53E512M52D2PF-107-WT-B(D9SSF)		16G ba	512M*32	LPDDR3	178ball																			
	MT53E128M16D1DS-046 WT-A(D9WXT)		2G ba	128M*16	LPDDR4 LPDDR4X ⁽¹⁾	200ball				S/A ⁽¹⁰⁾															
	MT53E128M52D2DS-046 WT-A(D9WXR)		4G ba	128M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				S/A ⁽¹⁰⁾															
	MT53E356M52D1NP-062 WT-C(D9TET)	EOL	8G ba	256M*32	LPDDR4	200ball								T/A											
	MT53E356M52D2DS-053 WT-B(D9WRB)		8G ba	256M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A				T/A ⁽¹⁶⁾											T/A ⁽¹⁶⁾
	MT53E356M52D2FW-046 WT-B(D9ZKT)		8G ba	256M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball			T/A	T/A ⁽¹⁰⁾	T/A ⁽¹⁰⁾														
	MT53E384M52D2DS-053 WT-E(D9WRN)		12G ba	384M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E384M52D2FW-046 WT-E(D9WRB)		12G ba	384M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A ⁽¹⁰⁾	T/A ⁽¹⁰⁾														
	MT53B1812M52D2NP-062 WT-C(D9TWT)	EOL	16G ba	512M*32	LPDDR4	200ball								T/A											
	MT53D812M52D2DS-053 WT-E(D9WHZ)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A				S/A ⁽¹⁰⁾											
	MT53E512M52D2NP-046 WT-E(D9WGB)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A ⁽⁷⁾	T/A ⁽¹⁰⁾														
	MT53E512M52D2NP-046 WT-F(D9X8R)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E512M52D2FW-046 WT-D(D9ZZJ)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E512M52D1NP-046 WT-B(D9BQM)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E512M52D2NP-053 RS WT-F(D9ZBD)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball																			
	MT53E512M52D1ZW-046 WT-B(D9CSC)		16G ba	512M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball																			
	MT53E384M52D1DT-046 WT-B(D9WRB)		24G ba	384M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53D1024M52D4DT-053 WT-D(D9WHV)		32G ba	1024M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A ⁽⁷⁾	T/A														
	MT53D1024M52D4DT-046 WT-D(D9WQG)		32G ba	1024M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball																			
	MT53E1G32D2FW-046 WT-B(D9CKG)		32G ba	1024M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E1536M52D4DE-046 WT-B(D9BHQ)		48G ba	1536M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E3G32D4DE-046 WT-A(D9ZRD)		64G ba	2048M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53E3G32D4DE-046 WT-C(D9CNC)		64G ba	2048M*32	LPDDR4 LPDDR4X ⁽¹⁾	200ball				T/A															
	MT53B1812M64D4NK-053 WT-C(D9TGF)	EOL	32G ba	512M*64	LPDDR4	366ball																			
	MT53E512M64D4NK-046 WT-D(D9XPK)		32G ba	512M*64	LPDDR4	366ball																			
	MT62F512M52D2DS-31 WT-B(D9BKC)		16G ba	512M*32	LPDDR3	315ball																			
	MT62F1G32D4DS-031 WT-B(D9BHF)		32G ba	1024M*32	LPDDR3	315ball																			

兼容性好

兼容性好
K3PE0E000M RZQ需
要改为150ohm
K3PE0E000A-XGC2
RZQ需要改为NC

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 RK3588S RK3586	RK3568	RK3566	RV1126/ RV1109	RV1106 RK3508/ RK3508B-S	RK3228H	RK3399	RK3328	RK3326P PX05	RK3326P X30	RK1808R K1806	RK3299PRO CPU_RAM_NPU_RAM		RK3288	RK3368/RK3228 A/RK3228B/RK3228P/X3	RK2996/ RK2979	RK2928/RK30 28A/RK3120P X3-SE	RK3252/RK3026/R K3036/RK3036G/R K3126	RK3366/RK3366A/PX2 RK3168/RK3188/PX3	与RK兼容情况
Hynix	HP9S1G63CFP		1G ba	64M*16	DDR2	84ball																✓				
	HP9S1G63E1F		1G ba	64M*16	DDR2	84ball																✓				
	HTQ1GR3DFR		1G ba	128M*8	DDR3	78ball														T/A		✓			T/A	
	HTQ1GR3TFR		1G ba	128M*8	DDR3	78ball																✓				
	HTQ2GR3CFR		2G ba	256M*8	DDR3	78ball																✓	✓	✓	✓	✓
	HTQ2GR3BFR		2G ba	256M*8	DDR3	78ball																✓	T/A	T/A	T/A	✓
	HTQ2GR3EFR		2G ba	256M*8	DDR3	78ball																T/A	T/A	T/A	T/A	T/A
	HTQ2GR3FFR		2G ba	256M*8	DDR3	78ball																T/A		T/A	T/A	T/A
	HTQ2GR3GFR	EOL	2G ba	256M*8	DDR3	78ball																T/A				T/A
	HTQ2GR3HFR	EOL	2G ba	128M*16	DDR3	96ball																	✓			
	HTQ2GR3JFR	EOL	2G ba	128M*16	DDR3	96ball																		T/A	T/A	T/A
	HTQ2GR3KFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ2GR3LFR	EOL	2G ba	128M*16	DDR3L	96ball																				
	HTQ2GR3MFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ2GR3NFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ2GR3PFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ2GR3QFR	EOL	2G ba	128M*16	DDR3L	96ball																				
	HTQ2GR3RFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ2GR3SFR	EOL	2G ba	128M*16	DDR3	96ball																				
	HTQ4GR3AFR	EOL	4G ba	512M*8	DDR3	78ball																				
	HTQ4GR3AFR	EOL	4G ba	512M*8	DDR3L	78ball																				
	HTQ4GR3MFR	EOL	4G ba	512M*8	DDR3	78ball																				
	HTQ4GR3HFR	EOL	4G ba	512M*8	DDR3L	78ball																				
	HTQ4GR3MFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3AFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3AFR	EOL	4G ba	256M*16	DDR3L	96ball																				
	HTQ4GR3AFR	EOL	4G ba	256M*16	DDR3L	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3L	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
	HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																				
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					
HTQ4GR3CFR	EOL	4G ba	256M*16	DDR3	96ball																					

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Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 RK3588S RK3588C	RK3568	RK3566	RV1126/ RV1109	RV1108 RK3308 RK3308B-S	RK3228H	RK3399	RK3328	RK3228S/ PX205	RK3326P X30	RK1808P K1806	RK3299P/ROJ CPU_RAM/NPU_RAM	RK3288	RK3308/RK3228 A/RK3228B/RK3228P/X3	RK2908 RK3298	RK2728/RK3028 28A/RK3120P X3-SE	RK3226/RK3026/R K3126	RK3366/RK3366A/PX3 RK3168/RK3168P/PX3	与RK兼容情况
CXMT	CXDQ2BFAMCG		4G ba	256M*16	DDR4	96ball			T/A	T/A		T/A ⁽¹⁾		T/A ⁽¹⁾											
	CXDQ3BFAMCG		8G ba	512M*16	DDR4	96ball			T/A	T/A		T/A ⁽¹⁾		T/A ⁽¹⁾											
	CXDQ3BFAMCQ-A		8G ba	512M*16	DDR4	96ball			T/A	T/A					T/A										
	CXDQ3BFAMCJ-A		8G ba	512M*16	DDR4	96ball			T/A	T/A															
	CXD0A0AAM-MK		8G ba	256M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball			T/A ⁽²⁾	T/A ⁽²⁾	N/A ⁽¹⁰⁾			T/A		T/A			T/A						
	CXD0A0AAM-MK		16G ba	512M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball			T/A ⁽²⁾	T/A ⁽²⁾	N/A ⁽¹⁰⁾			T/A		T/A			T/A						
	CXD0B0CAM-MK-A		16G ba	512M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball		N/A	T/A	T/A				T/A		T/A			T/A						
	CXD0B5CCAM-MK		32G ba	1024M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball			T/A	T/A															
	CXD0B5CCBM-MK-A		32G ba	1024M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball		N/A	N/A	N/A															
GigaDevice	GDP1BFLM-CB		2G ba	128M*16	DDR3L	96ball				T/A	T/A														
	GDP1BFLM-CA		2G ba	128M*16	DDR3L	96ball																			
	GQD2BFAA-CF		4G ba	256M*16	DDR4	96ball			T/A	T/A						T/A	T/A								
	GQD2BFAA-CJ		4G ba	256M*16	DDR4	96ball			T/A	T/A															
JHHC	CA484G16Y-F9GNC		4G ba	256M*16	DDR4	96ball				T/A ⁽⁸⁾															
ESMT	M14D1G1664A-1-8BG2S		1G ba	64M*16	DDR2	84ball																			
	M15T1G1664A-DEBG2C		1G ba	64M*16	DDR3L	96ball				N/A	T/A														
	M15T1G1664A-DEBG2CS		1G ba	64M*16	DDR3L	96ball																		T/A	
	M15T1G1664A-EF8G2S		1G ba	64M*16	DDR3L	96ball																			
	M15T2G16128A-DEBG2L		2G ba	128M*16	DDR3L	96ball										N/A	N/A						T/A		
	M15T2G16128A-DEBG2LA		2G ba	128M*16	DDR3L	96ball																			
	M15T2G16128A-DEBG2R		2G ba	128M*16	DDR3L	96ball																			
	M15T4G16256A-DEBG2L		4G ba	256M*16	DDR3L	96ball																			
	M15F4G16256A-DEBG2L		4G ba	256M*16	DDR3	96ball										N/A	N/A	N/A	N/A						
	M15T4G16256A-DEBG2R		4G ba	256M*16	DDR3L	96ball																		N/A	
	M15T4G16256A-DEBG2G		4G ba	256M*16	DDR3L	96ball																			
	M15T4G16256A-DEBG2S		4G ba	256M*16	DDR3L	96ball																			
	M16J4G16256A-KB8G		4G ba	256M*16	DDR4	96ball																			
	M16J4G16256A-CL8G		4G ba	256M*16	DDR4	96ball																			
M16J8G16128A-NL8G		8G ba	512M*16	DDR4	96ball				T/A	T/A															
M56Z8G3256A-SMB8G		8G ba	512M*32	LPDDR4	200ball																				
Eulic	SCB15H1G160CF-13K		1G ba	64M*16	DDR3	96ball																			
	SCB15H1G160AF-13K		1G ba	64M*16	DDR3	96ball																			
	SCN13H2G160AF-13K		2G ba	128M*16	DDR3	96ball																			
	SCB13H2G160AF-11M		2G ba	128M*16	DDR3L	96ball																			
	SCB13H2G160AF-13K		2G ba	128M*16	DDR3	96ball																			
	SCB13H2G160EF-09N		2G ba	128M*16	DDR3L	96ball																			
	SCB13H4G160AF-11M		4G ba	256M*16	DDR3L	96ball																			
	TXB15H4G800AF-13K		4G ba	512M*8	DDR3	78ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
	TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																			
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K		4G ba	256M*16	DDR3	96ball																				
TXB15H4G160AF-13K																									

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 (RK3588S RK3588C)	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3368 PK305	RK3320P K30	RK1808-R K1806	RK3399PRO CPU_RAM SPU_RAM	RK3288	RK3368/RK3228 A/RK3228B/RK3228P/S	RK2906 RK2918	RK2920/RK3020 A/RK3032/218P X3-SE	RK2926/RK3026-R K3036/RK3036G-R K3126	RK3066/RK3066A-PA2 RK3168/RK3188-PA3	
Zentel	A3R12E40BFF-AH		512M bit	32M*16	DDR2	84ball						T/A													
	A3T1GF40CHF-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	
	A3T1GF40CHF-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	
	A3T2GF40BFF-GM		2G bit	128M*16	DDR3	96ball					N/A												T/A		
	A3T2GF40CHF-HP		2G bit	128M*16	DDR3	96ball						T/A													
	A3T4GF40BFF-HP		4G bit	256M*16	DDR3	96ball						T/A													
	A3T4GF40ABR-GM		4G bit	256M*16	DDR3	96ball																			
	A3F4GH40CWF-WD		4G bit	256M*16	DDR4	96ball			T/A			T/A		T/A	T/A										
	A3F8GH40BFF-KD		8G bit	512M*16	DDR4	96ball			T/A						T/A										
	AKXAGH50BBA-PM		16G bit	512M*32	LPDDR4X	200ball		T/A	T/A																
AKXBGH52BBA-PM		32G bit	1024M*32	LPDDR4X	200ball		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		T/A						
	IS43TR1652BL-125KBL		8G bit	512M*16	DDR3L	96ball							T/A					T/A				T/A			
ePM	PMF510816CBB-GRDN		1G bit	64M*16	DDR2	84ball						T/A													
	PMF510816ABR-GRDN		1G bit	64M*16	DDR3	96ball																✓			
	PMF410816EBR-MBDN		1G bit	64M*16	DDR3L	96ball				T/A															
	PMF511816ABR-GRDN		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										
	PMF512816HBR-KADN		4G bit	256M*16	DDR3	96ball													T/A					T/A	
	PMF512816DBR-KADN		4G bit	256M*16	DDR3	96ball														T/A				T/A	
	PMF512816HBR-KADN		4G bit	256M*16	DDR3	96ball														T/A ¹⁶				T/A	
	PMF512816HBR-NCDN		4G bit	256M*16	DDR3	96ball																			
	PMF412816HBR-KADN		4G bit	256M*16	DDR3L	96ball															T/A				
	TMF42G6HBR-NCDN		2G bit	128M*16	DDR3L	96ball				T/A	T/A					T/A	T/A								
	TMF54G6HBR-KADN		4G bit	256M*16	DDR3	96ball																T/A ¹⁶			
	TMF54G6HBR-NCDN		4G bit	256M*16	DDR3	96ball																			
Esenceore	ISTQ4G63EFR		4G bit	256M*16	DDR3	96ball							T/A		T/A	T/A	T/A								
	EL38NMAAA1-PIBER		8G bit	256M*32	LPDDR3	178ball													T/A						
	EL48PMBBBI-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	N/A	N/A	
SPECTEK	PE918-15E (PRN256MBV79DGRGQF-15E)		2G bit	256M*8	DDR3	78ball														T/A		T/A	T/A	T/A	T/A
	PE936-15E (PRN256MBV99CGRGQF-15E)		2G bit	256M*8	DDR3	78ball														N/A		T/A	T/A	T/A	N/A
	PE108-15E (PRN512MBV80AGRRHF-15E)		4G bit	512M*8	DDR3	78ball															T/A		T/A	T/A	T/A ¹⁰
	PE115-15E (PRN256M16V80AGRGPF-15E)		4G bit	256M*16	DDR3	96ball															T/A		T/A	T/A	T/A
	PE116-15E (PRM256M16V80AGRGPF-15E)		4G bit	256M*16	DDR3	96ball															T/A		T/A	T/A	T/A
	PE104-2 (SU1256M16V90BGRLY-125TP)		4G bit	256M*16	DDR3	96ball																			T/A
	PE039 (SU1256M16V90BGRLY-125TP)		4G bit	256M*16	DDR3	96ball						T/A										T/A			
	PE029 PRN256M16V00HGRGNF-125		4G bit	256M*16	DDR3	96ball						T/A					T/A	T/A							
	Z9QHG (SM128MX32U80MD1L GU-25FT)		4G bit	128M*32	LPDDR2	96ball																T/A			T/A
	PI047 (SS256M32V01MD1LPF-107BT)		8G bit	256M*32	LPDDR3	178ball							N/A	N/A	N/A	N/A	N/A								
	PI008 (SM512M32E0FD4LHL)		16G bit	512M*32	LPDDR3	178ball									T/A							T/A			
	PS006 (SU1256M32Z01MD1BNP)		8G bit	256M*32	LPDDR4	200ball																N/A			
	PS007 (SU512M32Z01MD2BNP)		16G bit	512M*32	LPDDR4	200ball										T/A							T/A		
	(PS086) SU1256M64Z00MD4DKN		16G bit	256M*64	LPDDR4	366ball																	T/A		
	PS004 (SM512M64Z01MD4BHNK)		32G bit	512M*64	LPDDR4	366ball																		T/A	
	PS015 (SU512M64Z01MD4BHNK)		32G bit	512M*64	LPDDR4	366ball																		T/A	
	PS013 (SM512M64Z01MD4BHNK)		32G bit	512M*64	LPDDR4	366ball																		T/A	

MICRON子品牌，兼容性良好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 RK3588B RK3588C	RK3568	RP666	RV1126/ RV1109	RV1108/ RK3208/ RK3008B-S	RK3228H	RK3209	RK3234	RK3236S P30S	RK3236-P X30	RK1808-R K1808	RK3399P07 CPU_RAM NPU_RAM	RK3208	RK3368/RK3228 A/RK3228B/RK3 220VPS5	RK2906/ RK2918	RK2928/RK30 24/RK3032/378P X3-SE	RK2926/RK3026/R K3003/RK3060G/R K3126	RK3066/RK3066A/P32 RK3168/RK3188/P33	与RK兼容情况	
MIRA	P3R1GCE4CFF-GRE		1G ba	64M-16	DDR2	84ball																				
	P3R1GCE3PFG-GSE		1G ba	128M-8	DDR2	84ball																✓				
	P2P2GF4ALF-GGN		2G ba	128M-16	DDR2	96ball																✓				
	P2P2GF4ALF-GJS		2G ba	128M-16	DDR3	96ball																				
	P3P4GF3BLF-GGN		4G ba	512M-8	DDR3	78ball																				
	P3P4GF4BLF-GGN		4G ba	256M-16	DDR3	96ball																				
	P3P4GF4BLF-GJS		4G ba	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	N/A	N/A	N/A	N/A	
	P3P4GF4DMF-GJS		4G ba	256M-16	DDR3	96ball																				
	P5M4GR4CMF-GMX		4G ba	256M-16	DDR4	96ball																				
Kington	D1216ECMDXGD		2G ba	128M-16	DDR3L	96ball																				
	D5126EE7BPGBGU	EOL	4G ba	512M-8	DDR3	78ball																				
	D2514EC4HXGGB		4G ba	256M-16	DDR3L	96ball																				
	D2516ECMDXGD		4G ba	256M-16	DDR3L	96ball																				
	D2514AC4HXGD		4G ba	256M-16	DDR3	96ball																				
	D5116ECMDXGD		8G ba	512M-8	DDR3L	96ball																				
	D2516ACPCVGRK		4G ba	256M-16	DDR4	96ball																				
	D5116ABRCXGUM		8G ba	512M-16	DDR4	96ball																				
	D5116ANPCVPRK		8G ba	512M-16	DDR4	96ball																				
	D2532LA3WLGJA		8G ba	256M-32	LPDDR3	178ball																				
	D2532LA6MLGJA		8G ba	256M-32	LPDDR3	178ball																				
	D0811LN2ALGJA	8G ba	256M-32	LPDDR3	178ball																					
	KB23AADL3E08G	8G ba	512M-16	LPDDR3	178ball																					
	D2516PC1CDGLR	8G ba	256M-32	LPDDR4	200ball																					
	B1612PC0FDQJCR	16G ba	512M-32	LPDDR4	200ball																					
	Q5116PH1MDIPAR	16G ba	512M-32	LPDDR4	200ball																					
	B5116P1MDIPAR	16G ba	512M-32	LPDDR4	200ball																					
B1612X3H5ADGTR	16G ba	512M-32	LPDDR4X	200ball																						
B2421XC4FDGTR	24G ba	768M-32	LPDDR4X	200ball																						
B3231XC5G0GTR	32G ba	1024M-32	LPDDR4X	200ball																						
Q32321XC5H0GTR	32G ba	1024M-32	LPDDR4X	200ball																						
FORESEE	F69C1A00Q2-M6		2G ba	128M-16	DDR3L	96ball																				
	F69C1A00Q4-M7		4G ba	256M-16	DDR3L	96ball																				
	F69C2A00Q4-M5		4G ba	256M-16	DDR4	96ball																				
	FD4V100Q4-22		4G ba	256M-16	DDR4	96ball																				
	FD45116ZSA062C		8G ba	512M-16	DDR4	96ball																				
	MD4C1001G-N43R		8G ba	512M-16	DDR4	96ball																				
	NCLD3B1128M32		4G ba	128M-32	LPDDR3	178ball																				
	NCLD3B2256M32		8G ba/ 2ex	256M-32	LPDDR3	178ball																				
	NCLD1CM4256M32		8G ba	256M-32	LPDDR4	200ball																				
	NCLD3XC1MC256M32		8G ba	256M-32	LPDDR4	200ball																				
	FL4C2001G-D9		8G ba	256M-32	LPDDR4	200ball																				
	FLXC2002G-N2		16G ba	512M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2002G-26		16G ba	512M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2002G-G4		16G ba	512M-32	LPDDR4X	200ball																				
	NCLD4C2MA312M32	EOL	16G ba	512M-32	LPDDR4	200ball																				
	NCLD3XC1MC512M32		16G ba	512M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	NCLD3XC1M0512M32		16G ba	512M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC1002G-N1		16G ba	512M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2003G-49		24G ba	768M-32	LPDDR4/LPDDR4X	200ball																				
	FLXC4004G-26		32G ba	1024M-32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
FLXC2004G-N1	32G ba		1024M-32	LPDDR4/LPDDR4X	200ball																					
FLXC4006G-20	48G ba		1536M-32	LPDDR4/LPDDR4X	200ball																					
FLXC4006G-30	64G ba		2048M-32	LPDDR4/LPDDR4X	200ball																					
BWIN	BWPD3X16AB9-04Gb			4G ba	256M-16	DDR3L	96ball																			
	BWSD3X16AB9-04Gb		4G ba	256M-16	DDR3L	96ball																				
	BWSD4X16AB9-04Gb		4G ba	256M-16	DDR4	96ball																				
	BW52L256M32D1PP		8G ba	256M-32	LPDDR3	178ball																				
	BW52L512M32D2PP		16G ba	512M-32	LPDDR3	178ball																				
	BWMD4X32H2A-08Gb		8G ba	256M-32	LPDDR4	200ball																				
	BWMEC4X32H2A-08Gb		8G ba	256M-32	LPDDR4	200ball																				
	BWMD4X32H2A-16Gb		16G ba	512M-32	LPDDR4	200ball																				
	BWME9X32H2A-16Gb		16G ba	512M-32	LPDDR4	200ball																				
	BWMEYX32H2A-16Gb		16G ba	512M-32	LPDDR4	200ball																				
	BWME9X32H2A-16Gb-x		16G ba	512M-32	LPDDR4X	200ball																				
	BWBSX32H2A-16G-x		16G ba	512M-32	LPDDR4X	200ball																				
	BWBSX32H2A-16G-x		16G ba	512M-32	LPDDR4X	200ball																				
	BWME4X32H2A-24Gb-x		24G ba	768M-32	LPDDR4X	200ball																				
	BWMEXX32H2A-24Gb-x		24G ba	768M-32	LPDDR4X	200ball																				
	BWMEDX32H2A-32Gb-x		32G ba	1024M-32	LPDDR4X	200ball																				
	BWBSRX32H2A-32G-x		32G ba	1024M-32	LPDDR4X	200ball																				
	BWBSRX32H2A-32G-x		32G ba	1024M-32	LPDDR4X	200ball																				
	BWMZAX32H2A-32Gb-X		32G ba	1024M-32	LPDDR4X	200ball																				
BWMZCX32H2A-32G-X		32G ba	1024M-32	LPDDR4X	200ball																					
BWMEDX32H2A-64Gb-X		64G ba	2048M-32	LPDDR4X	200ball																					

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 RK3588S RK3588C	RK3568	RV1126/ RV1109	RV1108/RK3308/RK3308H-S	RK3228H	RK3399	RK3328	RK3326S/P330S	RK3326P/X30	RK1808R/K308	RK3999PRO CPU_RAM NPU_RAM		RK3288	RK3368/RK3228A/RK3228B/RK3229/P33	RK2908/RK2918	RK2928/RK3028A/RK3120P/X3-SE	RK2926/RK3026R/K306/RK3036G/RK3126	RK3066/RK3066A/P32/RK3108/RK3108P32	与RK兼容情况	
RAYSON	RS128M16VRDK-93HT		2G bit	128M*16	DDR3L	96ball									T/A	T/A										
	RS256M16V0DB-107AT		4G bit	256M*16	DDR3	96ball																T/A				
	RS256M16VRDK-93HT		4G bit	256M*16	DDR3L	96ball			T/A																	
	RS256M16ZADD-75DT		4G bit	256M*16	DDR4	96ball			T/A																	
	RS256M16ZDC-75DT		4G bit	256M*16	DDR4	96ball			T/A	T/A					T/A											
	RS512M16Z2DD-63DT		8G bit	512M*16	DDR4	96ball			T/A	T/A					T/A											
	RS1016ZDK-75DT		16G bit	1024M*16	DDR4	96ball			T/A																	
	RS128M32LDD1LMZ-125HT		4G bit	128M*32	LPDDR3	178ball					T/A						T/A	T/A								
	RS256M32LDD1LMZ-125HT		8G bit	256M*32	LPDDR3	178ball																				
	RS128M32LZ4DIANP-75HT		4G bit	128M*32	LPDDR4	200ball																				
	RS256M32LZ4DIANP-75HT		8G bit	256M*32	LPDDR4	200ball																				
	RS512M32LZ4DANP-75HT		16G bit	512M*32	LPDDR4	200ball																				
	RS512M32LM4DDBDS-53HT		16G bit	512M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
	RS512M32LDD1HDS-53HT		16G bit	512M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
	RS768M32LH4DDBDS-53HT		24G bit	768M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
	RS1024L4DDDBDS-53HT		32G bit	1024M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
	RS1024L4DDDBDS-53HT		32G bit	1024M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
RS2048L4DDDBDS-53HT		64G bit	2048M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																	
RS2048L4DDDBDS-53HT		64G bit	2048M*32	LPDDR4/LPDDR4X	200ball			T/A	T/A																	
RS2048L4DDDBDS-53HT		64G bit	2048M*32	LPDDR4/LPDDR4X	200ball			N/A	T/A	T/A																
SCY	DP1804C1080H		4G bit	256M*16	DDR3	96ball				N/A																
	DL4A16G32D2V-DC		16G bit	512M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball				S/A ⁽⁹⁵⁾																
	DL4A16G32K1V-DC		16G bit	512M*32	LPDDR4/LPDDR4X	200ball				N/A	N/A							N/A								
	DL4A32G32N2V-EC		32G bit	1024M*32	LPDDR4/LPDDR4X	200ball				N/A	N/A															
Hosin	HG-DR3032-62001		4G bit	256M*16	DDR3L	96ball													S/A							
	HG512M32D2PA1-H2		16G bit	512M*32	LPDDR4X	200ball				S/A	S/A															
	HG768M32DLQM1-4H		24G bit	768M*32	LPDDR4	200ball				N/A	N/A	N/A														
Devilcon	FM3RE16SAB-9MGD		2G bit	128M*16	DDR3L	96ball																				
	FM3RF16SBB-9MGD		4G bit	256M*16	DDR3L	96ball														S/A						
GCAI	GD81B32M0-41M2		8G bit	256M*32	LPDDR4	200ball																				
	GD82B32M0-41M2		16G bit	512M*32	LPDDR4	200ball																				
	GD82D32M0-42M3		16G bit	512M*32	LPDDR4X	200ball																				
	GD42D32M0-42M6		24G bit	768M*32	LPDDR4X	200ball																				
	GD82D32M0-42M7		32G bit	1024M*32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
ICMAX	IMD128M16R322RLV		2G bit	128M*16	DDR3L	96ball																				
	IMD256M16R30HGRGNF-107		4G bit	256M*16	DDR3	96ball																				
	IMD256M16R324RLV		4G bit	256M*16	DDR3L	96ball																				
	IMD512M16R31AGRGPP		8G bit	512M*16	DDR3	96ball																				
	IMD256M16R4ABDLV		4G bit	256M*16	DDR4	96ball																				
	IMD256M16R4ZAD8TB		4G bit	256M*16	DDR4	96ball																				
	IMD512M16R4DHDLV		8G bit	512M*16	DDR4	96ball																				
	IMD512M16R4AZD8YV		8G bit	512M*16	DDR4	96ball																				
	IMD512M16R4FCD8TB		8G bit	512M*16	DDR4	96ball																				
	IMH256M32ZD1DNP		8G bit	256M*32	LPDDR4	200ball																				
	IMH512M32ZD2DENA		16G bit	512M*32	LPDDR4X	200ball																				
	IMH512M32ZD2DENP		16G bit	512M*32	LPDDR4/LPDDR4X	200ball																				
TMTIC	TN4G16D3CEP-EK		4G bit	256M*16	DDR3	96ball																				
	TM8G32MD4LSA1-44		8G bit	256M*32	LPDDR4	200ball																				
	TH16G32MD4LQM1-44		16G bit	512M*32	LPDDR4	200ball																				
Goldkey	GH4861600HRL-1833		4G bit	256M*16	DDR3L	96ball																				
	GE406266HID		4G bit	256M*16	DDR4	96ball																				
	GE306266HID		8G bit	512M*16	DDR4	96ball																				
	GE306240HID-1833		8G bit	512M*16	DDR4	96ball																				
Earex	EM47DM1688SBA		2G bit	128M*16	DDR3	96ball																				
	EM47EM0888SBA-150		2G bit	256M*8	DDR3	78ball																				
	EM47EM1688SBA-150		4G bit	256M*16	DDR3	96ball																				
	EM47EM1688SBB-150A		4G bit	256M*16	DDR3	96ball																				
	EM47EM0888SBA-150		4G bit	512M*8	DDR3	78ball																				
	EM47EM0888SBA-150A		4G bit	512M*8	DDR3	78ball																				
	EM47EM3288SBA-125		8G bit	256M*32	DDR3	136ball																				
	EM47EM1688PBA-075		8G bit	512M*16	DDR4	96ball																				
EM45FM3238SBA-187F		16Gb*2Channel	256M*32*2Ch	LPDDR2	220ball																					
axonic	H2A301G1658BC6C		1G bit	64M*16	DDR2	84ball																				
	H2A401G1668BFC		1G bit	64M*16	DDR3	96ball																				
	H2A402G1668BFC		2G bit	128M*16	DDR3	96ball																				
	H2A404G1668CFMC		4G bit	256M*16	DDR3	96ball																				
	H2A404G0868CD8C		4G bit	512M*8	DDR3	78ball																				

台湾颗粒厂商，兼容性较好

台湾颗粒厂商，兼容性较好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 RK3588S RK3588C	RK3568	RK3566	RV1126 RV1109	RV1108/RK3 108/RK3108B -S	RK3228H	RK3399	RK3328	RK3328S PK305	RK3326P K30	RK1808R K1808	RK3399P-R0 CPU_RAM SPU_RAM		RK3228S A/RK3228B/RK3 22B/P3A5	RK2928 RK2918	RK2928/RK30 28A/RK3120P K3-SE	RK2926/RK3026/R K3036/RK3036G/H K3126	RK3066/RK3066A/P32 RK3168/RK3188/P32	与RK兼容情况
Slaker	SNB2816S21P513		2G bit	128M*16	DDR3L	96ball				S/A															
	SNB5616S21P513		4G bit	256M*16	DDR3L	96ball				S/A					S/A	S/A									
ProMOS	V59C1G01168QBASX25		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	N/A	
	V73CAG01808RA-JB9		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	N/A	
Q-CHIP	QN3B128M16H-13A		2G bit	128M*16	DDR3	96ball					S/A														
	QN3R256M16M-16G		4G bit	256M*16	DDR3	96ball													S/A						
	QN4LPD512M32M-32H		16G bit	512M*32	LPDDR4	200ball							N/A				N/A								
	QN4LPD512M32M-32H		16G bit	512M*32	LPDDR4	200ball							S/A				S/A								
	QN4XLP32CM16H-42I		32G bit	1024M*32	LPDDR4X	200ball	S/A																		
	QN4XLP64CM16H-42I		64G bit	2048M*32	LPDDR4X	200ball	S/A	N/A	N/A																
XINCUN	XCCB128M16FP-EKNAH		2G bit	128M*16	DDR3	96ball										S/A									
	XCCB256M16DP-EKNAH		4G bit	256M*16	DDR3	96ball										S/A									
HIKSEMI	HSELAXSA2G-HD8		16G bit	512M*32	LPDDR4X	200ball	S/A	S/A	S/A																
	HSELAXFA6G-HD9		32G bit	1024M*32	LPDDR4X	200ball	S/A	S/A	S/A																
DBTC	DL4008E2FSC-E2GHY		8G bit	256M*32	LPDDR4	200ball				S/A															
	DL4X16E3FDEE2GHY		16G bit	512M*32	LPDDR4X	200ball				S/A															
	DL4X16E3FSEE2GMR		16G bit	512M*32	LPDDR4X	200ball	N/A			S/A	S/A														
KEYMOS	KL4X162BD-C2B		16G bit	512M*32	LPDDR4X	200ball				S/A	S/A														
	KL4X322BQ-C7B		32G bit	1024M*32	LPDDR4X	200ball				S/A	S/A														
Netul	S5R02G20CMS-MGCJ		32G bit	512M*64	LPDDR4	360ball							N/A				N/A								
MT.MOSET	ED3E25608CE-P9		2G bit	256M*8	DDR3	78ball													S/A		S/A	S/A	N/A	S/A	
sSMART	S4B2G0846C-HY1B9		2G bit	256M*8	DDR3	78ball													S/A					S/A	巴西颗粒，国内用的不多
	S4B2G0846D-HYK0		2G bit	256M*8	DDR3	78ball													S/A					S/A	
WINS	VPSTQ1G0835-F9		1G bit	128M*8	DDR3	78ball														✓					
	VPSTQ2G1635FFP-F9		2G bit	128M*16	DDR3	96ball														✓	N/A	N/A			
	VPSTQ2G0835L-F9		2G bit	256M*8	DDR3	78ball														✓					
ISDT	IL2BR20E8H		16Gb/2Channel	256M*32*2Ch	LPDDR2	220ball													S/A						

Automotive

[illegible]