

Rockchip Solutions DDR SDRAM Support List

Ver 2.54

2022/8/18

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
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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_ddr_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_ddr_XXXMHz_v1.22.bin**, trust version should be updated to **rk3399pro_bl31_v1.28.elf**. Or the later version than all above.

[5] Only after week code **1937** (means 2019, week 37th) can be used, the product with early week code may cause system crash or unstable.



week code

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

[7] On RK3568/RK3566, loader should be updated to **rk3568_ddr_XXXMHz_v1.09.bin** / **rk3566_ddr_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.



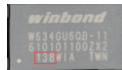
week code

[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 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.

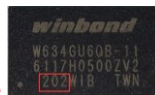


week code

[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

[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_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_DDR3P116SD4_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_LP4XD200P232SD10H1_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, H9HCNNNNBPUMLHR, H9CCNNNN8JTLAR, H9CKNNNNBPTMLRL, 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
2.53	Add some supporting messages, add note [14], modify T/A of K4U6E354AA-MG**, K4UHE3D4AB-MG**, K4UBE3D4AA-MG** to N/A on RK3588, modify T/A of NCLDXC1M512M32, FLXC2002G-N2, RS512M32LM4D2BD5-53BT, 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][16]	2022.08.18

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	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3306/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1800/ RK1806	RK3399PRO		RK3288	RK3368/RK3228 A/RK3328B/RK3229/PK5	RK290x 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																✓					
	MT47J128MBJP-15E-G(D9MNU)		1G bit	128M×8	DDR3	78ball																✓					
	MT41K128M8DA-107J(D9RDJ)		1G bit	128M×8	DDR3L	78ball																				T/A	
	MT41K64M16TW-107J (D9SET)		1G bit	64M×16	DDR3L	96ball						T/A											✓				
	MT41J128M16HA-15E(D)D9LQJ		2G bit	128M×16	DDR3	96ball															T/A		✓	T/A	T/A	T/A	
	MT41J256M8HX-15E(D)D9LQJ		2G bit	256M×8	DDR3	78ball															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	
	MT41K256M8DA-125M(D9PFJ)		2G bit	256M×8	DDR3L	78ball															T/A		✓	T/A	T/A	T/A	
	MT41K128M16HA-15E(D)D9LJM		2G bit	128M×16	DDR3L	96ball																	✓				
	MT41K128M16JT-125K(D9PTK)		2G bit	128M×16	DDR3L	96ball					T/A										T/A		✓	T/A	T/A	T/A	
	MT41K128M16JT-107K (D9PSZ)		2G bit	128M×16	DDR3L	96ball												T/A									
	MT41K512M8RH-125E(D9QBQ)		4G bit	512M×8	DDR3L	78ball					T/A										T/A						
	MT41K512M8RG-107N(D9RVX)		4G bit	512M×8	DDR3L	78ball															T/A					T/A ⁽¹⁾	
	MT41K512M8DA-107P(D9SGQ)		4G bit	512M×8	DDR3L	78ball																				T/A	
	MT41K256M16RE-15E(D)D9PBF		4G bit	256M×16	DDR3L	96ball																	✓				
	MT41K256M16HA-125E(D9PKV)		4G bit	256M×16	DDR3L	96ball																	✓				
	MT41K256M16LY-107N(D9SDQ)		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-107P(D9SHQ)		4G bit	256M×16	DDR3L	96ball					T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A			T/A						
	MT41K512M16HA-125A(D9STQ)	EOL	8G bit	512M×16	DDR3L	96ball																					
	MT41K512M16HA-107A(D9SDQ)	EOL	8G bit	512M×16	DDR3L	96ball																					
	MT41K512M16VRP-107IT(PD9ZWN)		8G bit	512M×16	DDR3L	96ball																					
	MT40A256M16GE-083E-B(D9TGO)	EOL	4G bit	256M×16	DDR4	96ball																					
	MT40A256M16GE-078E-B (D9TGS)		4G bit	256M×16	DDR4	96ball					T/A							T/A									
	MT40A512M16TB-062E(JD9WWP)		8G bit	512M×16	DDR4	96ball			T/A	T/A	T/A							T/A									
	MT40A512M16Y-083E-B(D9TBK)		8G bit	512M×16	DDR4	96ball			T/A	T/A																	
	MT40A512M16TB-062E(RD8BPX)		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(D9THH)		16G bit	1024M×16	DDR4	96ball												T/A									
	MT40A1G16KD-062E(E)D9ZFW		16G bit	1024M×16	DDR4	96ball			T/A	T/A	T/A																
	MT40A1G16TB-062E(F)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 WTA(Z9QHJ)		4G bit	128M×32	LPDDR2	134ball																					
	MT42L256M16D1GU-18 WTA(D9RLT)		4G bit	256M×16	LPDDR2	134ball						T/A															
	MT42L128M64D2LL-25 WTA(D9QOQ)		8G bit	128M×32×2Ch	LPDDR2	216ball																					
	MT52L256M32D1PF-107 WT-B(D9SRZ)		8G bit	256M×32	LPDDR3	178ball					T/A																
	MT52L512M32D2PF-107 WT-B(D9SSF)		16G bit	512M×32	LPDDR3	178ball																					
	MT53E128M16D1DS-046 WTA(D9WXT)		2G bit	128M×16	LPDDR4/LPDDR4X ⁽¹⁾	200ball						S/A ⁽¹⁾⁽²⁾															
	MT53E128M32D2DS-046 WTA(D9WVR)		4G bit	128M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball						S/A ⁽¹⁾⁽²⁾															
	MT53B256M32D1NP-062 WTC(D9TFT)	EOL	8G bit	256M×32	LPDDR4	200ball																					
	MT53E256M32D2DS-053 WTB(D9WRB)		8G bit	256M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball						S/A ⁽¹⁾⁽²⁾														T/A ⁽⁴⁾	
	MT53E256M32D2FW-046 WTB (D9ZKT)		8G bit	256M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A ⁽¹⁾	T/A ⁽¹⁾	S/A ⁽¹⁾⁽²⁾													T/A ⁽⁴⁾	
	MT53E384M32D2DS-053 WTE (D9WRN)		12G bit	384M×32	LPDDR4/LPDDR4X	200ball						S/A ⁽¹⁾⁽²⁾															
	MT53E384M32D2FW-046 WTE (D88BR)		12G bit	384M×32	LPDDR4/LPDDR4X	200ball						S/A ⁽¹⁾⁽²⁾															
	MT53B512M32D2NP-062 WTC(D9PTW)	EOL	16G bit	512M×32	LPDDR4	200ball					T/A	T/A ⁽¹⁾⁽²⁾⁽³⁾	T/A ⁽¹⁾⁽²⁾														
	MT53D512M32D2DS-053 WTD(D9WHZ)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball						S/A ⁽¹⁾⁽²⁾⁽³⁾															
	MT53E512M32D2NP-046 WTE (D9WGB)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball					T/A	T/A ⁽¹⁾	S/A ⁽¹⁾⁽²⁾														
	MT53E512M32D2FW-046 WTD(D9ZZL)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball					T/A	T/A ⁽¹⁾	T/A ⁽¹⁾														
	MT53E512M32D1NP-046 WTB(D88QM)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball					T/A	T/A ⁽¹⁾⁽²⁾	T/A ⁽¹⁾⁽²⁾														
	MT53E512M32D4NQ-053 RS WTC(D9ZBD)		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																					
	MT53E512M32D1ZW-046 WTB(D8CSC)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball																					
	MT53D1024M32D4DT-053 WTD(D9WHV)		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball						T/A ⁽¹⁾		S/A ⁽¹⁾⁽²⁾													
	MT53D1024M32D4DT-046 WTD(D9WQG)		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball						T/A															
	MT53E1G32D2FW-046 WTB (D8CJG)		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball						T/A	T/A	T/A													
	MT53E1536M32D4DE-046 WTB(D88BQ)		48G bit	1536M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball						T/A	T/A	T/A													
	MT53E2G32D4DE-046 WTA (D9ZRD)		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball						T/A ⁽¹⁾⁽²⁾	T/A ⁽¹⁾⁽²⁾													T/A ⁽¹⁾⁽²⁾⁽³⁾	
	MT53E2G32D4DE-046 WTC (D8CJN)		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball						T/A	T/A	T/A													
	MT53B512M64D4NK-053 WTC(D9TGF)	EOL	32G bit	512M×64	LPDDR4	366ball																					
	MT53E512M64D4NK-046 WTD(D9XPX)		32G bit	512M×64	LPDDR4	366ball																					

兼容性好

兼容性好

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

8

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3585	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU RA M	NPU RA M	RK3288	RK3368/RK3228 A/RK3228B/RK3229/PX5	RK2909/ RK2918	RK2928/RK3028A/RK312 B/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	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														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
	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	T/A
	NT5CB128M16HP		2G bit	128M×16	DDR3	96ball														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
	NT5CC128M16IP	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
	NT5CB128M16JR		2G bit	128M×16	DDR3L	96ball					T/A									T/A						T/A
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball					T/A	T/A		T/A	T/A	T/A	T/A		T/A	T/A						
	NT5CB512M8BN		4G bit	512M×8	DDR3	78ball														T/A				T/A	T/A	T/A ⁽¹⁾
	NT5CC512M8CN		4G bit	512M×8	DDR3L	78ball														T/A				T/A	T/A	T/A ⁽¹⁾
	NT5CC512M8DN		4G bit	512M×8	DDR3L	78ball					T/A	T/A		T/A	T/A	T/A										T/A
	NT5CC512M8EN		4G bit	512M×8	DDR3L	78ball					T/A															
	NT5CB256M16BP		4G bit	256M×16	DDR3	96ball														T/A		✓	T/A	T/A	T/A	T/A
	NT5CB256M16CP	EOL	4G bit	256M×16	DDR3	96ball														T/A						T/A
	NT5CB256M16DP	EOL	4G bit	256M×16	DDR3	96ball														T/A						T/A
	NT5CB256M16EP		4G bit	256M×16	DDR3	96ball					T/A															
	NT5CC256M16CP	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	T/A	T/A	T/A	T/A
	NT5CC256M16DP	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	T/A	T/A	T/A	T/A
	NT5CC256M16EP		4G bit	256M×16	DDR3L	96ball					T/A	T/A	T/A	T/A	T/A	T/A		T/A		T/A		T/A	T/A	T/A	T/A	T/A
	NT5CC256M16ER		4G bit	256M×16	DDR3L	96ball					T/A	T/A	T/A	T/A	T/A	T/A		T/A		T/A						
	NT5AD256M16B2		4G bit	256M×16	DDR4	96ball																				
	NT5AD256M16D4		4G bit	256M×16	DDR4	96ball																				
	NT5AD256M16E4		4G bit	256M×16	DDR4	96ball		T/A	T/A																	
	NT5AD512M16M4		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
	NT6TL256T32AI		8G bit	256M×32	LPDDR2	134ball																				T/A
	NT6TL256T32AQ		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				T/A										T/A		T/A	T/A			
	NT6CL256T32CM		8G bit	256M×32	LPDDR3	178ball																				
	NT6CL256T32BM		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																				
	NT6AN512T32AV		16G bit	512M×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

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Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588/RK3585	RK3568	RK3566	RV1126/RV1109	RV1108/RK3308/RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/PX305	RK3326/PX30	RK1808/RK1806	CPU_RAM	GPU_RAM	RK3399PRO	RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK290x/RK2918	RK2928/RK3028A/RK3128/PX3-SE	RK2926/RK3026/RK3036/RK3036G/RK3126	RK3066/RK3066A/PX2/RK3168/RK3168/PX3	
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			
	A3T2GF40CBF-HP		2G bit	128M×16	DDR3	96ball					T/A																
	A3T4GF40BBF-HP		4G bit	256M×16	DDR3	96ball					T/A																
	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball						T/A		T/A		T/A	T/A										
	A3F4GH40CBF-WD		4G bit	256M×16	DDR4	96ball										T/A											
	A3F8GH40BBF-KD		8G bit	512M×16	DDR4	96ball										T/A											
	ABXAGH50BBA-PM		16G bit	512M×32	LPDDR4X	200ball			T/A	T/A																	
	ABXBGH52BBA-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							
	IS43TR16512BL-125KBL		8G bit	512M×16	DDR3L	96ball							T/A											T/A			
mPM	PME810816CBR-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-NCND		2G bit	128M×16	DDR3L	96ball				T/A																	
	PMF412816HBR-KADN		4G bit	256M×16	DDR3L	96ball									T/A	T/A											
	PMF512816BBR-KADN		4G bit	256M×16	DDR3	96ball															T/A						T/A
	PMF512816DBR-KADN		4G bit	256M×16	DDR3	96ball															T/A						T/A
	PMF512816HBR-KADN		4G bit	256M×16	DDR3	96ball															T/A						
	PMF512816HBR-NCND		4G bit	256M×16	DDR3	96ball				T/A																	
	PMF412816FBR-KADN		4G bit	256M×16	DDR3L	96ball															T/A						
t Memory	TMF42G6HBR-NCND		2G bit	128M×16	DDR3L	96ball			T/A	T/A					T/A	T/A											
	TMF54G6HBR-KADN		4G bit	256M×16	DDR3	96ball															T/A						
	TMF54G6HBR-NCND		4G bit	256M×16	DDR3	96ball					T/A																
Essencore	ISTQ4G63EFR		4G bit	256M×16	DDR3	96ball						T/A			T/A	T/A	T/A										
	EL38NMMAA1-PBER		8G bit	256M×32	LPDDR3	178ball																					
	EL48PMBB1-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	N/A	N/A
SPECTEK	PEB18-15E (PRN256MBV79DG8GQF-15E)		2G bit	256M×8	DDR3	78ball															T/A			T/A	T/A	T/A	T/A
	PE936-15E (PRN256MBV89CG8GQF-15E)		2G bit	256M×8	DDR3	78ball															N/A			T/A	T/A	T/A	N/A
	PEB08-15E (PRN512MBV80AG8RHF-15E)		4G bit	512M×8	DDR3	78ball															T/A			T/A	T/A	T/A	T/A
	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
	PE047 (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	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						T/A							
	PS006 (SU256M322D1MD1BNP)		8G bit	256M×32	LPDDR4	200ball															N/A						
	PS007 (SU512M322D1MD2BNP)		16G bit	512M×32	LPDDR4	200ball								T/A							T/A						
	PS086 (SU256M64200MD4DKN)		16G bit	256M×64	LPDDR4	366ball															T/A						
	PS004 (SM512M64291MD4BNK)		32G bit	512M×64	LPDDR4	366ball															T/A						
	PS035 (SU12M64201MD4BNK)		32G bit	512M×64	LPDDR4	366ball															T/A						
	PS013 (SM512M64201MD4BNK)		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 /RK3585	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PK305	RK3326/ PK30	RK1808/ RK1806	RK3399PRO		RK3288	RK3368/RK3228 A/RK3228B/RK3229/PK5	RK290x RK2918	RK2928/RK3028A/RK312 B/PK3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PK2 RK3168/RK3168/PK3	与双通道情况
MIRA	P3R1GE4CFF-GRE		1G bit	64M×16	DDR2	84ball																✓				
	P3R1GE3GFF-GRE		1G bit	128M×8	DDR2	84ball																✓				
	P2P2GF4ALF-GGN		2G bit	128M×16	DDR3	96ball																				
	P2P2GF4ALF-GJS		2G bit	128M×16	DDR3	96ball																				
	P3P4GF3BLF-GGN		4G bit	512M×8	DDR3	78ball																				
	P3P4GF4BLF-GGN		4G bit	256M×16	DDR3	96ball																				
	P3P4GF4BLF-GJS		4G bit	256M×16	DDR3	96ball																				
	P3P4GF4DMF-GJS		4G bit	256M×16	DDR3	96ball																				
Kingston	D1216ECMDXGJD		2G bit	128M×16	DDR3L	96ball																				
	D5128EETBPGGBU		4G bit	512M×8	DDR3	78ball																				
	D2516EC4BGGGB	EOL	4G bit	256M×16	DDR3L	96ball																				
	D2516ECMDXGJD		4G bit	256M×16	DDR3L	96ball																				
	D2516C4BGGJD		4G bit	256M×16	DDR3	96ball																				
	B5116ECMDXGJD		8G bit	512M×16	DDR3L	96ball																				
	D2516ACPCXGKR		4G bit	256M×16	DDR4	96ball																				
	D5116AH8CXGJUM		8G bit	512M×16	DDR4	96ball																				
FORESEE	D5116AN9CXGPK		8G bit	512M×16	DDR4	96ball																				
	D2532LA3WLGA		8G bit	256M×32	LPDDR3	178ball																				
	D2532LA6MLGA		8G bit	256M×32	LPDDR3	178ball																				
	D0811LN2ALGA		8G bit	256M×32	LPDDR3	178ball																				
	KB23AADL3D08G		8G bit	512M×16	LPDDR3	178ball																				
	D2516PC1CDGPLR		8G bit	256M×32	LPDDR4	200ball																				
	B1621PC6FGDUKR		16G bit	512M×32	LPDDR4	200ball																				
	Q5116PH1MDGPAR	EOL	16G bit	512M×32	LPDDR4	200ball																				
	B5116PH3MDGPAR		16G bit	512M×32	LPDDR4	200ball																				
	B1621XH5ADGTR		16G bit	512M×32	LPDDR4X	200ball																				
	B2421XC4FGDTR		24G bit	768M×32	LPDDR4X	200ball																				
	B3221XC5GDTGR		32G bit	1024M×32	LPDDR4X	200ball																				
	Q3222XH6BDGUAR		32G bit	1024M×32	LPDDR4X	200ball																				
	F60C1A0002-M6		2G bit	128M×16	DDR3L	96ball																				
	F60C1A0004-M7		4G bit	256M×16	DDR3L	96ball																				
	F62C1A0004-M5		4G bit	256M×16	DDR4	96ball																				
BIWIN	FD4V10004-22		4G bit	256M×16	DDR4	96ball																				
	FD45116ZSA062C		8G bit	512M×16	DDR4	96ball																				
	NCLD3B1128M32		4G bit	128M×32	LPDDR3	178ball																				
	NCLD3B2256M432		8G bit/2cs	256M×32	LPDDR3	178ball																				
	NCLD4C1MA256M32		8G bit	256M×32	LPDDR4	200ball																				
	NCLDXC1MG256M32		8G bit	256M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2001G-D9		8G bit	256M×32	LPDDR4	200ball																				
	FLXC2002G-N2		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2002G-26		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2002G-CA		16G bit	512M×32	LPDDR4X	200ball																				
	NCLD4C2MA512M32	EOL	16G bit	512M×32	LPDDR4	200ball																				
	NCLDXC1MC512M32		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	NCLDXC1MJ512M32		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC1002G-N1		16G bit	512M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2003G-49		24G bit	768M×32	LPDDR4/LPDDR4X	200ball																				
	FLXC4004G-26		32G bit	1024M×32	LPDDR4/LPDDR4X ⁽¹⁾	200ball																				
	FLXC2004G-N1		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball																				
	FLXC4008G-30		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball																				
	BWPPDD3X16A98-04Gb		4G bit	256M×16	DDR3L	96ball																				
	BWSD3X16N88-04Gb		4G bit	256M×16	DDR3L	96ball																				
	BWSD4X16A98-04Gb		4G bit	256M×16	DDR4	96ball																				
	BW52L256M32D1PF		8G bit	256M×32	LPDDR3	178ball																				
	BW52L512M32D2PF		16G bit	512M×32	LPDDR3	178ball																				
	BWMD4X32H2A-08Gb		8G bit	256M×32	LPDDR4	200ball																				
	BWME9X32H2A-08Gb		8G bit	256M×32	LPDDR4	200ball																				
	BWMD4X32H2A-16Gb		16G bit	512M×32	LPDDR4	200ball																				
	BWME9X32H2A-16Gb		16G bit	512M×32	LPDDR4	200ball																				
	BWME9X32H2A-16Gb-x		16G bit	512M×32	LPDDR4X	200ball																				
	BW5R8X32H2A-16Gb-x		16G bit	512M×32	LPDDR4X	200ball																				
	BW5R5X32H2A-16Gb-x		16G bit	512M×32	LPDDR4X	200ball																				
	BWME4X32H2A-24Gb-x		24G bit	768M×32	LPDDR4X	200ball																				
	BWMDX32H2A-32Gb-x		32G bit	1024M×32	LPDDR4X	200ball																				
	BW5R8X32H2A-32Gb-X		32G bit	1024M×32	LPDDR4X	200ball																				
	BW5R5X32H2A-32G-x		32G bit	1024M×32	LPDDR4X	200ball																				

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，需要严格按照我们的布板要求布板。

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3585	RK3568	RK3566	RV1126/ RV1109	RV1108/RK3308/RK3308B-S	RK3228H	RK3399	RK3328	RK3328S/ PK305	RK3326/ PK30	RK1808/ RK1806	RK3399PRO CPU RAM	RK3399PRO NPU RAM	RK3288	RK3368/RK3228 A/RK3228B/RK3229/PK5	RK290x RK2918	RK2928/RK3028A/RK312 B/PK3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PK2 RK3168/RK3168/PK3	与双兼容情况
RAYSON	RS128M16VRDK-93BT		2G bit	128M×16	DDR3L	96ball										T/A	T/A									
	RS256M16V0DB-107AT		4G bit	256M×16	DDR3	96ball																	T/A			
	RS256M16VRDK-93BT		4G bit	256M×16	DDR3L	96ball			T/A																	
	RS256M16ZADD-75DT		4G bit	256M×16	DDR4	96ball			T/A																	
	RS256M16ZDDC-75DT		4G bit	256M×16	DDR4	96ball			T/A							T/A										
	RS512M16ZDD-62DT		8G bit	512M×16	DDR4	96ball			T/A							T/A										
	RS1G16Z3DK-75DT		16G bit	1024M×16	DDR4	96ball			T/A																	
	RS128M32LD3D1LMZ-125BT		4G bit	128M×32	LPDDR3	178ball				T/A						T/A	T/A									
	RS256M32LD3D1LMZ-125BT		8G bit	256M×32	LPDDR3	178ball				T/A																
	RS128M32LZ4D1ANP-75BT		4G bit	128M×32	LPDDR4	200ball				S/A (10)																
	RS256M32LZ4D1ANP-75BT		8G bit	256M×32	LPDDR4	200ball				S/A (10)			T/A					T/A								
	RS512M32LZ4D2ANP-75BT		16G bit	512M×32	LPDDR4	200ball				S/A (10)			T/A					T/A								
	RS512M32LM4D28D5-53BT		16G bit	512M×32	LPDDR4/LPDDR4X	200ball			T/A	T/A			N/A					N/A								
	RS512M32LO4D18D5-53BT		16G bit	512M×32	LPDDR4/LPDDR4X	200ball				S/A (10)(18)																
	RS768M32LB4D28D5-53BT		24G bit	768M×32	LPDDR4/LPDDR4X	200ball			T/A	T/A																
	RS1G32LF4D28D5-53BT		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A (18)	T/A (10)																	
	RS1G32LO4D28D5-53BT		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball			T/A	T/A	T/A															
	RS2G32LF4D48DT-53BT		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	N/A	T/A	T/A																	
SCY	D4A16G32D2V-DC		16G bit	512M×32	LPDDR4/LPDDR4X (10)	200ball				S/A (10)																
	DLA16G32K1V-DC		16G bit	512M×32	LPDDR4/LPDDR4X	200ball			S/A	S/A																
Hosin	HG-DR30232-62001		4G bit	256M×16	DDR3L	96ball							S/A					S/A		S/A						
	HG512M32D2PDAT-H2		16G bit	512M×32	LPDDR4X	200ball			S/A	S/A																
	HG768M32D4LQM1-H1		24G bit	768M×32	LPDDR4	200ball			N/A	N/A	N/A															
Dosilicon	FM38E16SAB-9MGD		2G bit	128M×16	DDR3L	96ball				S/A						S/A	S/A									
	FM38F16SBB-9MGD		4G bit	256M×16	DDR3L	96ball													S/A							
GCAI	GD81832MJ0-41M2		8G bit	256M×32	LPDDR4	200ball				S/A (10)																
	GD82832MJ0-41M2		16G bit	512M×32	LPDDR4	200ball									S/A											
	GD82832MJ0-42M3		16G bit	512M×32	LPDDR4X	200ball				S/A																
	GDA2D32MJ0-42M6		24G bit	768M×32	LPDDR4X	200ball				S/A	S/A															
	GD82832MJ0-42M7		32G bit	1024M×32	LPDDR4/LPDDR4X (10)	200ball			S/A (10)	S/A (10)					N/A											
ICMAX	IMD128M16R32J8LY		2G bit	128M×16	DDR3L	96ball				S/A					S/A	S/A										
	IMD256M16R30HG8GNF-107		4G bit	256M×16	DDR3	96ball				S/A			S/A		S/A	N/A		S/A						N/A	N/A	
	IMD256M16R32J48LY		4G bit	256M×16	DDR3L	96ball				S/A			S/A		S/A	S/A		S/A		S/A						
	IMD512M16R31AG8GPF		8G bit	512M×16	DDR3	96ball									S/A			S/A								
	IMD256M16RA4BDBLY		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
	IMD256M16RAZAD8TB		4G bit	256M×16	DDR4	96ball			N/A	N/A																
	IMD512M16RA4BDBLY		4G bit	512M×16	DDR4	96ball			N/A	N/A																
	IMD512M16RA4ZDBLY		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
	IMD512M16RA4CD8TB		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
	IMH256M32ZT1D1DNV		8G bit	256M×32	LPDDR4	200ball				S/A (10)			S/A				S/A									
	IMH512M32H2D2ENA		16G bit	512M×32	LPDDR4X	200ball			S/A	S/A																
	IMH512M32Z2D2ENP		16G bit	512M×32	LPDDR4/LPDDR4X	200ball			S/A	S/A																
TMTc	TN4G16D3CSEP-EK		4G bit	256M×16	DDR3	96ball							S/A					S/A								
	TM8G32MD4LSA1-14		8G bit	256M×32	LPDDR4	200ball							S/A					S/A								
	TH16G32MD4LQM1-14		16G bit	512M×32	LPDDR4	200ball							N/A					N/A								
Goldkey	GH4061600HRL-1833		4G bit	256M×16	DDR3L	96ball						S/A		S/A	S/A	S/A										
	GE406266HD		4G bit	256M×16	DDR4	96ball				S/A																
	GE806266ND		8G bit	512M×16	DDR4	96ball			N/A																	
	GE8062400HD-1833		8G bit	512M×16	DDR4	96ball											S/A		S/A							
Eorex	EM47DM16885BA		2G bit	128M×16	DDR3	96ball																				
	EM47EM08885BA-150		2G bit	256M×8	DDR3	78ball												S/A					N/A	N/A	N/A	S/A
	EM47EM16885BA-150		4G bit	256M×16	DDR3	96ball																S/A				
	EM47EM16885BB-150A		4G bit	256M×16	DDR3	96ball												S/A					S/A	S/A	S/A	S/A
	EM47FM08885BA-150		4G bit	512M×8	DDR3	78ball																	S/A	S/A	S/A	S/A
	EM47FM08885BA-150A		4G bit	512M×8	DDR3	78ball																	S/A	S/A	S/A	S/A
	EM47EM3288MBA-125		8G bit	256M×32	DDR3	136ball														S/A						S/A
	EM49FM1688PBA-075		8G bit	512M×16	DDR4	96ball									S/A											
	EM45FM3288LBA-187F		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball												S/A								N/A
axeme	H2A301G1656BC6C		1G bit	64M×16	DDR2	84ball					S/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
	H2A401G1666BFC		1G bit	64M×16	DDR3	96ball					S/A															
	H2A402G1666BFC		2G bit	128M×16	DDR3	96ball																	S/A	S/A	S/A	S/A
	H2A404G1666CFMC		4G bit	256M×16	DDR3	96ball						S/A		S/A	S/A	S/A										
	H2A404G0866CDBC		4G bit	512M×8	DDR3	78ball													S/A							S/A

台湾颗粒厂商，兼容性较好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3585	RK3568	RK3566	RV1126/ RV1109	RV1108/RK3308/RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ RK1806	RK3399PRO		RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK2908/ RK2918	RK2926/RK3028A/RK3128/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Sinker	SNB2816S21PS13		2G bit	128M×16	DDR3L	96ball				S/A						S/A	S/A										
	SNB5616S21PS13		4G bit	256M×16	DDR3L	96ball				S/A					S/A	S/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		
	V73CAG01808RA J19		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	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									
	QN4XLP32GM16H-42I		32G bit	1024M×32	LPDDR4X	200ball	S/A																				
XINCUN	XCCB128M16FP-EKNAH		2G bit	128M×16	DDR3	96ball										S/A											
	XCCB256M16DP-EKNAH		4G bit	256M×16	DDR3	96ball										S/A											
HIKSEMI	HSEL4XSA2G-HD8		16G bit	512M×32	LPDDR4X	200ball	S/A	S/A	S/A																		
	HSEL4XFA4G-HD9		32G bit	1024M×32	LPDDR4X	200ball	S/A	S/A	S/A																		
DBTC	DL4008E2F5CEZGHY		8G bit	256M×32	LPDDR4	200ball			S/A																		
	DL4X16E3FDEEZGHY		16G bit	512M×32	LPDDR4X	200ball			S/A	S/A																	
	DL4X16E3F5EE2GMR		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																	
NetSol	S5RG2G20CMS-MGCJ		32G bit	512M×64	LPDDR4	366ball						N/A						N/A									
MT.MOSET	ED3E25608CE-P9		2G bit	256M×8	DDR3	78ball													S/A			S/A	S/A	N/A	S/A		
sMART	S4B2G0846C-HYH9		2G bit	256M×8	DDR3	78ball													S/A						S/A	巴西颗粒，国内用的少	
	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								

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Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ RK1806	RK3399PRO		RK3288	RK3368/RK3228 A/RK3228B/RK3229/PK5	RK2908/ RK2918	RK2928/RK3028A/RK3128 B/PK3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PK2 RK3168/RK3188/PK3	与双兼容情况
Micron	MT41K256M16TW-107 IT:P(D9SHG)		4G bit	256M×16	DDR3L	96ball							T/A					T/A		T/A						
	MT41K512M16VPR-107IT:P(D9ZWN)		8G bit	512M×16	DDR3L	96ball																				
Samsung	K4B4G1646E-BMMA		4G bit	256M×16	DDR3L	96ball							T/A					T/A								
	K4F6E354HM-TP**		16G bit	512M×32	LPDDR4	200ball																				
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								
Zentel	A3R12E40DBF-8EA		512M bit	32M×16	DDR2	84ball							T/A													
ISSI	IS46DR16320E-25DBLA2		512M bit	32M×16	DDR2	84ball																				

Automotive

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/R V1109	RV1108/RK3308/RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX305	RK3326/ PX30	RK1808/ CPU RA M	RK1806 /NPU RA M	RK3399PRO	RK3288	RK3368/RK3228 A/RK3228B/RK3229/PX5	RK2908/ RK2918	RK2928/RK3028A/RK3128B/PPX3-5E	RK2926/RK3026/RK3036/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况	
Micron	MT53E2G32D4DE-046 AAT-A(D9ZRB)		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	T/A																				
Hynix	H54G66BYVX104		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	T/A																				