# 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, orgainization, 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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Rockchip Solutions DDR SDRM Support List 2022/4/1

#### \*Application Note:

- [1] Because lack of Address pin A15 in package, following SoCs do not support the 512M\*8 DDR3: RK2906-6,RK2906-8,RK3066.
- [2] Only support for RK3128.
- [3] The DRAM's VDD and VDDQ should powered by 1.5V when it used on these SoCs.
- [4] It can work stably on RK3399 with loader version rk3399\_ddr\_XXXMHz\_v1.22.bin and trust version rk3399\_bl31\_v1.28.elf. On RK3399pro, loader should be updated to rk3399pro ddr\_XXXMHz\_v1.22.bin, trust version should be updated to rk3399pro bl31\_v1.28.elf. Or the later version than all above.
- [5] Only after week code 1937 (means 2019, week 37th) can be used, the product with early week code may cause system crash or unstable.



week code

- [6] The DDR must be boot from 400Mhz, please use XXXX\_ddr\_400MHz\_vX.XX.bin to merge loader.
- [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 cod

[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.



[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.



- [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.



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Rockchip Solutions DDR SDRM Support List 2022/4/1

### **◆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_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  Add some supporting messages	2016.03.31
2.17	Add some supporting messages	2016.06.24
2.17	Add some supporting messages  Add some supporting messages	2016.06.24
2.18	Add some supporting messages Add some supporting messages	2016.07.29
2.20	Add some supporting messages  Add some supporting messages	2016.06.31
2.21	Add some supporting messages  Add some supporting messages	2016.10.20
2.22	Add some supporting messages  Add some supporting messages	2016.11.07
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	2017.03.24
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
	Add some supporting messages, modify IMD256M16R4ABD8LY,IMD512M16R4AZD8JY,H9HCNNNBPUMLHR,	2020.09.02
	H9CCNNN8JTMLAR,H9CKNNNBPTMRLR, H9CKNNNCPTMRPR to N/A. Add "Product Status".  Add some supporting messages, change the order of manufacture.	
2.45	Add some supporting messages, change the order of manufacture.  Add some supporting messages	2020.11.17
		2021.01.29
2.47	Add some supporting messages	
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

lanufacturer	Part Number	Product	Density	Organization	Type	package	RK3588	RK3568	RK3566	RV1126/	RV1108/ RK3308/	RK3228H	RK3399	RK3328		RK3326/		RK3399PR	DV 2200	RK3368/RK3228 A/RK3228B/RK	RK290x	RK2928/RK3 028A/RK312	RK2926/RK3026/ RK3036/RK3036G	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RK兼容情》
		Status			1,742	,y-	/RK3588S			RV1109	RK3308B-S				PX30S	PX30	RK1806	CPU_RA NPU M M	RA	3229/PX5	RK2918	8/PX3-SE	/RK3126	RK3168/RK3188/PX3	3ak ia ia
	MT47H64M16HR-25		1G bit	64M×16	DDR2	84ball															✓				
	MT41J128M8JP-15E:G(D9MNL)		1G bit	128M×8	DDR3	78ball															<b>√</b>				
	MT41K128M8DA-107:J(D9RDJ)		1G bit	128M×8	DDR3L	78ball																		T/A	
	MT41K64M16TW-107:J (D9SFT)		1G bit	64M×16	DDR3L	96ball					T/A														
	MT41J128M16HA-15E:D(D9LGQ)		2G bit	128M×16	DDR3	96ball															<b>√</b>				
	MT41J256M8HX-15E:D(D9LGK)		2G bit	256M×8	DDR3	78ball													T/A		<b>√</b>	T/A	T/A	T/A	
	MT41K256M8DA-125:K(D9PSH)		2G bit	256M×8	DDR3L	78ball													T/A		✓	T/A	T/A	T/A	
	MT41K256M8DA-125:M(D9PFJ)		2G bit	256M×8	DDR3L	78ball													T/A		T/A	T/A	T/A	T/A	
	MT41K128M16HA-15E:D(D9LJM)		2G bit	128M×16	DDR3L	96ball															✓				
	MT41K128M16JT-125:K(D9PTK)		2G bit	128M×16	DDR3L	96ball					T/A								T/A	T/A	- √	T/A	T/A	T/A	
	MT41K128M16JT-107:K (D9PSZ)		2G bit	128M×16	DDR3L	96ball				T/A							T/A	T	Α						
	MT41K512M8RH-125:E(D9OBJ)		4G bit	512M×8	DDR3L	78ball				-,							-7		T/A			T/A	T/A	T/A <sup>[1]</sup>	
	MT41K512M8RG-107:N(D9RVX)		4G bit	512M×8	DDR3L	78ball																-,	-,	T/A	
	MT41K512M8DA-107:P(D9SGQ)		4G bit	512M×8	DDR3L	78ball																		T/A	
	MT41K256M16RE-15E:D(D9PBF)		4G bit	256M×16	DDR3L	96ball														1	√				1
	MT41K256M16HA-125:E(D9PXV)		4G bit	256M×16	DDR3L	96ball													T/A		V	T/A	T/A	T/A	1
	MT41K256M16LY-107:N( D9SDD)		4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A	T/A		T -	T/A	T/A	T/A	1
	MT41K256M16TW-107:P(D9SHD)		4G bit	256M×16	DDR3L	96ball		-		T/A	T/A	T/A	T/A	T/A		T/A	T/A		A T/A		+	-7-	-/	T/A	1
	MT41K256M16TW-107.P(D9SHD)		4G bit	256M×16	DDR3L	96ball		-		1/4	1//	1//	T/A	1/4	1/8	1/4	1//	T/A	- 1/A	1/8				1/6	+
	MT41K512M16HA-125:A(D9SHG)	EOL	4G Dit 8G bit	256M×16 512M×16	DDR3L DDR3L	96ball		-					1/A √					T/A	_	+	+				-
	MT41K512M16HA-125.A(D9STQ) MT41K512M16HA-107:A(D9SDQ)	EOL	8G bit	512M×16	DDR3L	96ball	_						_ v					1/A	7/4		_			T/A	
		EUL		512M×16	DDR3L														T/A					1/A	
	MT41K512M16VRP-107IT:P(D9ZWN) MT40A256M16GE-083E:B(D9TGQ)	EOL	8G bit 4G bit	256M×16	DDR3L DDR4	96ball 96ball	_					T/A		T/A			T/A				_				
	MT40A256M16GE-085E.B(D9TGQ)	EUL	4G bit	256M×16	DDR4	96ball				T/A		1/A		1/A	T/A	T/A	T/A		A						-
															I/A	I/A									
	MT40A512M16TB-062E:J(D9WWP)		8G bit	512M×16 512M×16	DDR4 DDR4	96ball 96ball		T/A		T/A		T/A					T/A		Α						
	MT40A512M16JY-083E:B(D9TBK)		8G bit					I/A	T/A			I/A		T/A											
	MT40A512M16LY-062E:E(D9WFJ) MT40A1G16WBU-083E:B(D9TPH)		8G bit 16G bit	512M×16 1024M×16	DDR4	96ball 96ball				T/A															
Micron												T/A		T/A			T/A	- 1	Α						兼名
	MT40A1G16KD-062E:E(D9ZFW) MT40A1G16TB-062E:F (D8CJX)		16G bit 16G bit	1024M×16 1024M×16	DDR4	96ball 96ball		T/A		T/A					T/A	T/A									AIK E
	MT40A2G16SKL-062E:F (D8CJX)		32G bit	2048M×16	DDR4 DDR4	96ball		T/A T/A																	
	M140A2G163KL-062E.B(D9AQF)		32G DIL	2040IVI×16	DDR4	900411		1/A	1/A												1				
	MT42L128M32D1GU-25 WT:A(Z9QHG)		4G bit	128M×32	LPDDR2	134ball													T/A					T/A	
	MT42L256M16D1GU-18 WT:A(D9RLT)		4G bit	256M×16	LPDDR2	134ball					T/A														
	MT42L128M64D2LL-25 WT:A(D9OOG)		8G bit	128M×32×2Ch	LPDDR2	216ball													T/A					N/A	1
	MT52L256M32D1PF-107 WT:B(D9SRZ)		8G bit	256M×32	LPDDR3	178ball				T/A		T/A	T/A	T/A	T/A	T/A	T/A	T/A T	A T/A					·	
	MT52L512M32D2PF-107 WT:B(D9SSF)		16G bit	512M×32	LPDDR3	178ball						T/A	T/A			T/A		T/A	T/A	T/A					1
	MT53E128M16D1DS-046 WT:A(D9WXT)		2G bit	128M×16	LPDDR4/LPDDR4X[11]	200ball				T/A															
	MT53E128M32D2DS- 046 WT:A(D9WXR)		4G bit	128M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball				T/A															1
	MT53B256M32D1NP-062 WT:C(D9TFT)	EOL	8G bit	256M×32	LPDDR4/LFDDR4X	200ball							T/A					T/A							1
	MT53E256M32D2DS-053 WT:B(D9WRB)		8G bit	256M×32	LPDDR4/LPDDR4X[11]	200ball			T/A	T/A			T/A [4]					T/A [4]		1	1				1
	MT53E256M32D2FW-046 WT:B (D9ZKT)		8G bit	256M×32	LPDDR4/LPDDR4X[11]	200ball		T/A [7]	T/A [7]	T/A			-75							1					1
	MT53E384M32D2DS-053 WT:E (D9WRN)		12G bit	384M×32	LPDDR4/LPDDR4X[11]	200ball				T/A									_	1					†
	MT53E384M32D2FW -046 WT:E (D8BBR)		12G bit	384M×32	LPDDR4/LPDDR4X[11]	200ball	T/A	T/A [7]		-,										1					1
	MT53B512M32D2NP-062 WT:C(D9TFW)	EOL	16G bit	512M×32	LPDDR4	200ball		176	-//				T/A					T/A	_						1
	MT53D512M32D2DS-053 WT:D(D9WHZ)		16G bit	512M×32	LPDDR4/LPDDR4X[11]	200ball			T/A	T/A			T/A					T/A		1					1
	MT53E512M32D2NP-046 WT:E (D9WGB)		16G bit	512M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	T/A	T/A [7]		T/A			T/A					T/A	_						1
	MT53E512M32D2FW-046 WT:D(D9ZZL)		16G bit	512M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball		T/A [7]		-,										1					1
	MT53E512M32D1NP-046 WT:B(D8BOM)		16G bit	512M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	T/A						T/A					T/A							
	MT53E512M32D4NQ-053 RS WT:F(D9ZBD)		16G bit	512M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	17/4	1/10	T/A				1/8				-	./K			-				-
	MT53D1024M32D4NQ-053 K3 W1.P(D9ZBD)		32G bit	1024M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball		T/A [7]		T/A									_						-
	MT53D1024M32D4DT-046 WT:D(D9WPV)		32G bit	1024W×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	T/A	1/A**	1/6	1/6									_						-
	MT53E1G32D2FW-046 WT:B (D8CJG)		32G bit	1024W×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	1/A	T/A	T/A										_		_				-
	MT53E1G32D2FW-046 W1:B (D8CJG) MT53E1536M32D4DE-046 WT:B(D8BDO)		48G bit	1024M×32 1536M×32		200ball	T/A	T/A	T/A								_								
	MT53E1536M32D4DE-046 WT:B(D8BDQ) MT53E2G32D4DE-046 WT:A (D9ZRD)		64G bit	2048M×32	LPDDR4/LPDDR4X[11]	200ball	1/A	T/A [7]																	
		501			LPDDR4/LPDDR4X <sup>[11]</sup>			T/A <sup>1/1</sup>	T/A <sup>1/1</sup>																-
	MT53B512M64D4NK-053 WT:C(D9TGF)	EOL	32G bit	512M×64	LPDDR4	366ball		-					T/A					T/A							-1
	MT53E512M64D4NK-046 WT:D(D9XPK)		32G bit	512M×64	LPDDR4	366ball							T/A					T/A			1				



anufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK35885	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399 R			RK3326/ PX30	RK1808/ RK1806	RK3399 CPU_RA N M		RK3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5	RK290x RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RE兼容情况
	K4T1G164QE		1G bit	64M×16	DDR2	84ball																✓				
	K4B1G0846G		1G bit	128M×8	DDR3	78ball														T/A		√			T/A	
	K4B1G1646I-*C**		1G bit	64M×16	DDR3	96ball				T/A	T/A															
	K4B1G1646I-*Y**		1G bit	64M×16	DDR3L	96ball				T/A	T/A															
	K4B2G0846C		2G bit	256M×8	DDR3	78ball																√				
	K4B2G0846F-*Y**		2G bit	256M×8	DDR3L	78ball														T/A					T/A	
	K4B2G1646C		2G bit	128M×16	DDR3	96ball																√				
	K4B2G1646E		2G bit	128M×16	DDR3	96ball														T/A		T/A	T/A	T/A	T/A	
	K4B2G1646Q		2G bit	128M×16	DDR3	96ball					T/A	T/A			T/A	T/A				T/A	T/A	T/A	T/A	T/A	T/A	
	K4B2G1646F-*Y**		2G bit	128M×16	DDR3L	96ball				T/A	T/A	T/A			T/A	T/A	T/A		T/A	T/A	T/A		T/A	T/A	T/A	
	K4B4G0846E-*C**		4G bit	512M×8	DDR3	78ball					T/A	T/A		T/A	T/A	T/A					T/A					
	K4B4G1646B-*C**		4G bit	256M×16	DDR3	96ball														T/A		√	T/A	T/A	T/A	
	K4B4G1646Q-*Y**	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	
	K4B4G1646D-*Y**	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	
	K4B4G1646D-*C**	EOL	4G bit	256M×16	DDR3	96ball														T/A			T/A	T/A	T/A	
	K4W4G1646Q-*C**		4G bit	256M×16	DDR3	96ball														T/A					T/A	
	K4B4G1646E-*Y**		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	_
	K4B4G1646E-*C**		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	
	K4B4G1646E-BMMA		4G bit	256M×16	DDR3L	96ball							T/A					T/A								4
	K4B8G1646D-*Y**	EOL	8G bit	512M×16	DDR3L	96ball						T/A			T/A	T/A		√		T/A						
	K4A4G165WE-*C**		4G bit	256M×16	DDR4	96ball			T/A			T/A			T/A	T/A	T/A		T/A							4
	K4A4G165WF-*C**		4G bit	256M×16	DDR4	96ball			T/A	T/A		T/A		√	T/A	T/A										
	K4A8G085WC-*C**		8G bit	1024M×8	DDR4	78ball		T/A	T/A																	
	K4A8G165WB-*C**		8G bit	512M×16	DDR4	96ball		T/A	T/A	T/A		T/A		T/A			T/A		T/A							
	K4A8G165WC-*C**		8G bit	512M×16	DDR4	96ball		T/A		T/A							T/A		T/A							
	K4AAG165WA-*C**		16G bit	1024Mx16	DDR4	96ball		T/A		T/A							T/A		T/A							
	K4ABG165WA-MC**		32G bit	2048M×16	DDR4	96ball		T/A	T/A																	_
	K3PE0E000A-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball														T/A					N/A	兼容性
	K3PE0E000M-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	216ball														T/A					N/A	K3PE0E000M
nsung	K4E8E304ED-EGCC		8G bit	256M×32	LPDDR3	178ball											T/A		T/A	T/A	T/A					改为150
	K4E8E304EE-EGCE		8G bit	256M×32	LPDDR3	178ball							T/A					T/A		T/A						K3PE0E000A-
	K4E8E324EB-AGCF		8G bit	256M×32	LPDDR3	168ball															T/A					需要改
	K4E8E324EB-EGCF		8G bit	256M×32	LPDDR3	178ball						T/A	T/A	T/A	T/A	T/A		T/A		T/A	T/A					
	K4E8E324ED-EGCG		8G bit	256M×32	LPDDR3	178ball							T/A				T/A	T/A	T/A							
	K3QF1F10DM-AGCE		8Gb/2Channel	128M×32×2Ch	LPDDR3	253ball														T/A						
	K3QF1F10EM-BGCF		8G bit	128M×32×2Ch	LPDDR3	216ball														T/A						
	K4E6E304EE-EGCE	EOL	16G bit	512M×32	LPDDR3	178ball						T/A			T/A	T/A				T/A	T/A					
	K4E6E304EB-EGCF		16G bit	512M×32	LPDDR3	178ball						T/A			T/A	T/A	T/A		T/A	T/A	T/A					
	K4E6E304EC-EG**		16G bit	512M×32	LPDDR3	178ball		T/A	T/A			T/A		T/A	T/A	T/A		T/A		T/A						
	K4E6E304ED-EG**		16G bit	512M×32	LPDDR3	178ball				T/A			T/A		T/A	T/A	T/A	T/A	T/A	T/A						
	K4EBE304EC-EG**		32G bit	1024M×32	LPDDR3	178ball				T/A		T/A		T/A	T/A	T/A										
	K3QF3F30BM-QGCF		16G bit	256M×32×2Ch	LPDDR3	216ball														T/A						
	K3QF3F30BM-BGCF		16G bit	256M×32×2Ch	LPDDR3	216ball														T/A						_
	K4F4E3S4HF-MG**		4G bit	128M×32	LPDDR4	200ball				T/A																
	K4F8E304HB-MG**		8G bit	256M×32	LPDDR4	200ball				T/A			T/A					T/A								
			8G bit	256M×32	LPDDR4	200ball	T/A	T/A [7]		T/A			T/A					T/A								
	K4F8E3S4HD-MG**			384M×32	LPDDR4	200ball			T/A [7]																	_
	K4F2E3S4HM-MG**		12G bit							T/A			T/A					T/A								
	K4F2E3S4HM-MG** K4F6E3S4HM-MG**		16G bit	512M×32	LPDDR4	200ball						1 7	T													
	K4F2E3S4HM-MG** K4F6E3S4HM-MG** K4F6E3S4HM-SG**		16G bit 16G bit	512M×32 512M×32	LPDDR4	200ball	T/A		T/A																	
	K4F2E3S4HM-MG** K4F6E3S4HM-MG**		16G bit 16G bit 24G bit	512M×32 512M×32 768M×32	LPDDR4 LPDDR4	200ball 200ball			T/A [7]																	
	K4F2E3S4HM-MG** K4F6E3S4HM-MG** K4F6E3S4HM-MG** K4FHE3D4HM-MG** K4FBE3D4HB-MG**		16G bit 16G bit 24G bit 32G bit	512M×32 512M×32 768M×32 1024M×32	LPDDR4 LPDDR4 LPDDR4	200ball 200ball 200ball	T/A	T/A	T/A [7]																	
	K4F2E3S4HM-MG**  K4F6E3S4HM-SG**  K4F6E3S4HM-SG**  K4FHE3D4HM-MG**  K4FBE3D4HB-MG**  K4U8E3S4AD-MG**		16G bit 16G bit 24G bit 32G bit 8G bit	512M×32 512M×32 768M×32 1024M×32 256M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4X	200ball 200ball 200ball 200ball		T/A T/A <sup>[7]</sup>	T/A [7] T/A T/A [7]	N/A																
	K4F2E3S4HM-MG** K4F6E3S4HM-MG** K4F6E3S4HM-SG** K4FE3D4HM-MG** K4FHE3D4HM-MG** K4FBE3D4HB-MG** K4U8E3S4AD-MG** K4U8E3S4AA-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball	T/A	T/A T/A <sup>[7]</sup> T/A	T/A [7] T/A T/A T/A																	
	K4FEESAHM-MG** K4FEESAHM-MG** K4FEESAHM-SG** K4FEESDAHM-MG** K4FEESDAHM-MG** K4HEESDAHM-MG** K4U8E3SAAD-MG** K4U8E3SAAD-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A	T/A T/A <sup>[7]</sup> T/A T/A	T/A [7]  T/A  T/A [7]  T/A  T/A																	
	K4F2E3S4HM-MG** K4F6E3S4HM-MG** K4F6E3S4HM-MG** K4F6E3D4HM-MG** K4FBE3D4HB-MG** K4BE3D4HB-MG** K4U8E3S4AD-MG** K4U8E3S4AD-MG** K4U6E3S4AB-MG** K4U6E3S4AB-MG** K4U6E3S4AB-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit 16G bit 24G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32 768M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A T/A	T/A T/A T/A T/A T/A T/A	T/A <sup>[7]</sup> T/A T/A T/A T/A T/A T/A	N/A																
	K4FEESAHM-MG** K4FEESAHM-MG** K4FEESAHM-SG** K4FEESDAHM-MG** K4FEESDAHM-MG** K4HEESDAHM-MG** K4U8E3SAAD-MG** K4U8E3SAAD-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32 768M×32 1024M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A	T/A T/A T/A T/A T/A T/A	T/A <sup>[7]</sup> T/A T/A T/A T/A T/A T/A	N/A																
	KAFZESAHM-MG**  KAFESSAHM-MG**  KAFESSAHM-MG**  KAFESSAHM-MG**  KAFESDAHB-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESDAAA-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit 16G bit 24G bit 32G bit 32G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32 768M×32 1024M×32 1024M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A T/A	T/A T/A T/A T/A T/A T/A T/A	T/A <sup>[7]</sup> T/A T/A <sup>[7]</sup> T/A T/A T/A T/A T/A	N/A																
	KAFEZSAHM-MG**  KAFGESSAHM-MG**  KAFGESSAHM-MG**  KAFBESDAHM-MG**  KAFBESDAHM-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**		16G bit 16G bit 24G bit 32G bit 8G bit 16G bit 16G bit 24G bit 32G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32 768M×32 1024M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A T/A T/A	T/A T/A T/A T/A T/A T/A T/A	T/A <sup>[7]</sup> T/A T/A <sup>[7]</sup> T/A T/A T/A T/A T/A	N/A																
	KAFZESAHM-MG**  KAFESSAHM-MG**  KAFESSAHM-MG**  KAFESSAHM-MG**  KAFESDAHB-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAD-MG**  KAUBESSAAB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESSABB-MG**  KAUBESDAAA-MG**	EOL	16G bit 16G bit 24G bit 32G bit 8G bit 16G bit 16G bit 24G bit 32G bit 32G bit	512M×32 512M×32 768M×32 1024M×32 256M×32 512M×32 512M×32 768M×32 1024M×32 1024M×32	LPDDR4 LPDDR4 LPDDR4 LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball	T/A T/A T/A T/A T/A T/A	T/A	T/A [7] T/A	N/A			T/A [4]					T/A <sup>[4]</sup>								



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588	RK3568		RV1126/ RV1109		RK3228H	RK3399	RK3328		RK3326/ PX30	RK1808/ RK1806		99PRO	RK3288	RK3368/RK3228 A/RK3228B/RK		028A/RK312	RK2926/RK3026 RK3036/RK3036		与政兼容情况
		Status					/KK35883	•	l l	KVIIU9	RK3308B-S				PX 305	PASU	KKIOUO	M KA	M KA		3229/PX5		8/PX3-SE	/RK3126	KK3100/KK3100/PA3	
	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 256M×8	DDR3 DDR3	78ball 78ball				-										٧.		<b>√</b>	<b>√</b>	√ T/A	V	
	H5TQ2G83BFR H5TQ2G83EFR		2G bit 2G bit	256M×8	DDR3	78ball														√ T/A		T/A	T/A T/A	T/A	T/A	
	H5TQ2G83FFR H5TQ2G83FFR		2G bit	256M×8	DDR3	78ball		_												I/A		I/A	T/A	T/A	1/A	_
	H5TQ2G83FFR H5TQ2G83GFR	EOL	2G bit	256M×8	DDR3	78ball	_	_		-										T/A			1/4	1/A	T/A	
	H5TO2G63BFR	EOL	2G bit	128M×16	DDR3	96ball	+			-										1/4		<b>V</b>			1/A	_
	H5TO2G63FFR	EOL	2G bit	128M×16	DDR3	96ball	_	_		-												_ v	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	T/A	T/A	
	H5TC2G63GFR	EOL	2G bit	128M×16	DDR3L	96ball				-	T/A	1/8		1/4	1/4	1/6	T/A		T/A	1/6	T/A		1/6	1/6	1/A	
	H5TQ2G63DFR	EOL	2G bit	128M×16	DDR3	96ball	+			-	-/^						1//		1/4	T/A	1/4	V			T/A	_
	H5TQ4G83AFR	EOL	4G bit	512M×8	DDR3	78ball				-										T/A		•	T/A	T/A		
								_		_												_	1/A	1/A	T/A [1]	
	H5TC4G83AFR	EOL	4G bit	512M×8	DDR3L	78ball														T/A					T/A [1]	<b>⊿</b>
	H5TQ4G83MFR	EOL	4G bit	512M×8	DDR3	78ball														T/A			T/A	T/A	T/A <sup>[1]</sup>	
	H5TC4G83BFR	EOL	4G bit	512M×8	DDR3L	78ball																	T/A	T/A		
	H5TQ4G63MFR	EOL	4G bit	256M×16	DDR3	96ball														T/A		- ✓	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	T/A	T/A	
	H5TC4G63AFR	EOL	4G bit	256M×16	DDR3L	96ball														T/A			T/A	T/A	T/A	
	H5TC4G63CFR	EOL	4G bit	256M×16	DDR3L	96ball					T/A	T/A		T/A	T/A	T/A				T/A	T/A				T/A	
Hynix	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								
	H5TC8G63CMR	EOL	8G bit	512M×16	DDR3L	96ball														T/A						
	H5AN4G6NAFR	EOL	4G bit	256M×16	DDR4	96ball						T/A		T/A			T/A		T/A							
	H5AN4G6NBJR		4G bit	256M×16	DDR4	96ball			T/A	T/A		T/A		T/A			T/A		T/A							兼容性妇
	H5AN8G6NAFR	EOL	8G bit	512M×16	DDR4	96ball						T/A		T/A		T/A	T/A		T/A							<b>煮付江</b> 灯
	H5AN8G6NCJR		8G bit	512M×16	DDR4	96ball		T/A								T/A	T/A		T/A							
	H5AN8G6NDJR H5ANAG6NAMR		8G bit 16G bit	512M×16 1024M×16	DDR4 DDR4	96ball 96ball		T/A				T/A		T/A		T/A T/A	T/A		T/A							_
	H5ANAG6NCMR		16G bit	1024M×16	DDR4	96ball	_								1/A	1/A	1/A		1/A			_				_
	H5ANAG6NCJR		16G bit	1024W×16	DDR4	96ball	_		T/A			T/A		T/A												
	TISAINAGUNCIK		TOG DIL	1024141 × 10	DDIN	Joban		1/4	1/4			1//		1/4												-
	H9TCNNN8JDMMPR		8Gb/2CS	256M×32	LPDDR2	134ball	1	T	П	-			Г 1			I				T/A		Г			T/A	
	H8TJR00X0MLR		8Gb/2CS	256M×32	LPDDR2	168ball				-										T/A					T/A	
	H9TKNNN8KDMPQR		8Gb/2Channel	128M×32×2Ch	LPDDR2	216ball														-,			T/A [2]		-,,,,	
	H9TKNNNBPDMRAR		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball				-										T/A			1/4		N/A	
	H9CCNNN8JTALAR	EOL	8G bit	256M×32×2CII	LPDDR2	178ball		-		-										T/A					N/A	
	H9CCNNN8GTMLAR	EOL	8G bit	256M×32	LPDDR3	178ball	-	1				T/A	T/A	T/A	T/A	T/A		T/A		T/A						-
	H9CCNNN8JTMLAR	EOL	8G bit	256M×32	LPDDR3	178ball		+		-		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	-
	H9CCNNNBJTALAR	EOL	16G bit	512M×32	LPDDR3	178ball		+		$\rightarrow$		T/A	T/A	T/A	T/A	T/A	.,,,,	T/A	,	.,,,,	.,,,,	,	1976	.,,,	.,,,,	-
	H9CCNNNBLTALAR	EOL	16G bit	512M×32	LPDDR3	178ball		1		-		T/A	.,	T/A		T/A		.,		T/A						-
	H9CCNNNBJTMLAR	EOL	16G bit	512M×32	LPDDR3	178ball						N/A	N/A	N/A	-,-	-,,-		N/A		T/A	N/A	N/A	N/A	N/A	N/A	
	H9CKNNNBPTMRLR	EOL	16G bit	512M×32	LPDDR3	216ball				$\overline{}$		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	1
	H9CKNNNCPTMRPR	EOL	32G bit	1024M×32	LPDDR3	256ball						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	
	H9HCNNN8KUMLHR	EOL	8G bit	256M×32	LPDDR4	200ball	1	1		-		,	N/A	,		,		N/A	,	,			.,,			
	H9HCNNNBPUMLHR		16G bit	512M×32	LPDDR4	200ball							N/A					N/A								
	H9HCNNNBKUMLHR		16G bit	512M×32	LPDDR4	200ball		1		T/A			T/A					T/A								7
	H9HCNNNBKUMLXR		16G bit	512M×32	LPDDR4	200ball		1	T/A				T/A					T/A								
	H9HCNNNCPUMLXR		32G bit	1024M×32	LPDDR4	200ball	T/A			T/A																7
	H9HCNNNBKMMLHR		16G bit	512M×32	LPDDR4X	200ball			T/A	T/A																
	H9HCNNNCPMMLXR		32G bit/2cs	1024M×32	LPDDR4X	200ball	T/A	T/A [7]	T/A <sup>[7]</sup>	T/A																
	H9HCNNNFAMMLXR		64G bit	2048M×32	LPDDR4X	200ball			T/A																	
	H9HKNNNDBUMUBR	EOL	24G bit	384M×64	LPDDR4	366ball							N/A					N/A								
		EOL	32G bit	512M×64	LPDDR4	366ball							N/A					N/A								
	H9HKNNNCUUMUBR																									



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566 R	W1126/	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399 F	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU_RA NPU_RA	RK3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5		RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与政兼容情况
	NT5TU32M16CG-3C		512M bit	32M×16	DDR2	84ball															✓				
	NT5TU32M16FG		512M bit	32M×16	DDR2	84ball					T/A														4
	NT5TU64M16HG NT5CB64M16GP		1G bit	64M×16 64M×16	DDR2 DDR3	84ball 96ball					T/A														_
	NT5CC64M16GP		1G bit	64M×16	DDR3L	96ball					T/A									T/A			T/A		4
	NT5CB128M8DN		1G bit	128M×8	DDR3	96ball			_		1/4										<b>V</b>				-
	NT5CC128M8DN		1G bit	128M×8	DDR3L	78ball				-									T/A		· V			T/A	1
	NT5CB128M8FN		1G bit	128M×8	DDR3	78ball													T/A					T/A	4
	NT5CC128M8GN		1G bit	128M×8	DDR3L	78ball																		T/A	7
	NT5CB256M8GN		2G bit	256M×8	DDR3	78ball													T/A		✓	T/A	T/A	T/A	
	NT5CB256M8BN		2G bit	256M×8	DDR3	78ball													T/A		√	T/A	T/A	T/A	
	NT5CB256M8FN		2G bit	256M×8	DDR3	78ball													T/A		√	T/A	T/A	T/A	4
	NT5CB256M8IN		2G bit	256M×8 256M×8	DDR3	78ball 78ball					T/A	T/A		T/A		T/A				T/A					_
	NT5CC256M8IN NT5CB128M16BP		2G bit 2G bit	256M×8 128M×16	DDR3L DDR3	78ball 96ball					T/A	T/A		T/A	T/A	T/A			T/A	T/A	<b>√</b>	T/A	T/A	T/A T/A	4
	NT5CB128M16HP		2G bit	128M×16	DDR3	96ball													T/A		T/A	1/4	1/8	T/A	-
	NT5CC128M16BP		2G bit	128M×16	DDR3L	96ball													-,,,		·/A			-/-	1
	NT5CB128M16FP		2G bit	128M×16	DDR3	96ball													T/A		V	T/A	T/A	T/A	4
	NT5CC128M16IP	EOL	2G bit	128M×16	DDR3L	96ball					T/A								T/A	T/A		T/A	T/A	T/A	7
	NT5CB128M16IP	EOL	2G bit	128M×16	DDR3	96ball					T/A				T/A	T/A			T/A	T/A		T/A	T/A	T/A	
	NT5CB128M16JR		2G bit	128M×16	DDR3	96ball				T/A	T/A														_
	NT5CC128M16JR		2G bit	128M×16	DDR3L	96ball				T/A	T/A	T/A		T/A		T/A	T/A	T/A	T/A	T/A					4
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball					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 <sup>[1]</sup>	4
	NT5CC512M8CN		4G bit	512M×8	DDR3L	78ball													T/A			T/A	T/A	T/A <sup>[1]</sup>	
	NT5CC512M8DN		4G bit	512M×8	DDR3L	78ball					T/A	T/A		T/A	T/A	T/A				T/A				T/A	4
Nanya	NT5CC512M8EN		4G bit	512M×8	DDR3L	78ball					T/A									T/A					兼容性好
	NT5CB256M16BP		4G bit	256M×16	DDR3	96ball													T/A		√	T/A	T/A	T/A	<b>米台区灯</b>
	NT5CB256M16CP NT5CB256M16DP	EOL EOL	4G bit	256M×16 256M×16	DDR3	96ball 96ball													T/A		_	T/A	T/A	T/A	_
	NT5CB256M16EP	EUL	4G bit	256M×16	DDR3	96ball			_	T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A	1/A	T/A					4
	NT5CC256M16CP	EOL	4G bit	256M×16	DDR3L	96ball			_	1/4	1/4	1/4	'/^	1/4	1//	1/4		1/8	T/A	1/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	-7	T/A	T/A	T/A	7
	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	4
	NT5CC256M16ER		4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A		T/A		T/A		T/A	T/A	T/A					7
	NT5CB256M16ER		4G bit	256M×16	DDR3	96ball			T/A																
	NT5CC256M16ER-EKI		4G bit	256M×16	DDR3L	96ball							T/A					T/A							
	NT5AD256M16B2		4G bit	256M×16	DDR4	96ball						T/A		T/A			T/A	T/A							_
	NT5AD256M16D4		4G bit	256M×16	DDR4	96ball				T/A		T/A		T/A	T/A	T/A	T/A	T/A							4
	NT5AD256M16E4 NT5AD512M16A4		4G bit 8G bit	256M×16 512M×16	DDR4 DDR4	96ball 96ball		T/A	T/A								T/A	T/A							_
	NT5AD512M16A4 NT5AD512M16C4		8G bit	512M×16 512M×16	DDR4	96ball			T/A	-							1/A	1/A	+						4
	The second secon	1 1	00 011	31210	1-010	300011	1		400											T				1	1
	NT6TL128M32AQ		4G bit	128M×32	LPDDR2	168ball													T/A					T/A	4
	NT6TL256F32AI		8G bit	256M×32	LPDDR2	134ball													T/A					T/A	]
	NT6TL256T32AI		8G bit	256M×32	LPDDR2	134ball													T/A					T/A	
	NT6TL256T32AQ		8G bit	256M×32	LPDDR2	168ball													T/A					T/A	<b>」</b>
	NT6CL128M32BM		4G bit	128M×32	LPDDR3	178ball													T/A						4
	NT6CL128M32CM	_	4G bit	128M×32	LPDDR3	178ball		$\vdash$		T/4			T/A				T/A			-					4
	NT6CL128M32DM NT6CL256T32CM		4G bit 8G bit	128M×32 256M×32	LPDDR3 LPDDR3	178ball 178ball				T/A		T/A	T/A T/A	T/A	T/A	T/A		T/A T/A							4
	NT6CL256T32CM NT6CL256T32BM		8G bit	256M×32 256M×32	LPDDR3	1/8ball 178ball						T/A		T/A T/A		T/A	T/A	T/A T/A	T/A	T/A	-				4
	NT6CL256H32AM		8G bit	256M×32	LPDDR3	178ball				T/A		T/A				T/A	T/A	T/A T/A		T/A					4
	NT6CL512T32AM		16G bit	512M×32	LPDDR3	178ball				T/A		T/A [5]	T/A		1/10	.,,,	-7.	T/A I/A	T/A [5]	T/A					4
	NT6CL256T32AQ		8G bit	256M×32	LPDDR3	168ball						1/6		-/-					1/8	T/A					1
	NT6AN256T32AV		8G bit	256M×32	LPDDR4	200ball							N/A					N/A		<u> </u>					4
	NT6AN1024F32AV		32G bit	1024M×32	LPDDR4	200ball		T/A	T/A																]
	NT6AP256T32AV		8G bit	256M×32	LPDDR4X	200ball				N/A															A
	NT6AP512T32AV	1 7	16G bit	512M×32	LPDDR4X	200ball	_	ı T		N/A	_	_	T		_	_		1 -	1 -		1 -			1	1



		Product					RK3588		RV1126/	RV1108/				RK3326S/ R	K3326/ RK18	ne, R	K3399PRO		RK3368/RK322		RK2928/RK3	RK2926/RK3026/	IK3066/RK3066A/PX2 IK3168/RK3188/PX3	
Manufacturer	Part Number	Status	Density	Organization	Туре	package	/RK3588S	RK3568 RK3	RV1109	RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	PX30S P	K3320/ RK18	B06 CPU_	LA NPU_R	RK3288	A/RK3228B/RH 3229/PX5	RK2918	028A/RK312 8/PX3-SF	RK3036/RK3036G R	K3168/RK3188/PX3	与政兼容情况
	CXDQ2BFAMCG		4G hit	256M×16	DDR4	96ball		T	/A T/A	KIKSSOOD S	T/A [6]		T/A [6]			М	м		JEES/1765		O) I NO SE	THEO		
	CXDQ3BFAMCG		8G bit	512M×16	DDR4	96ball			/A T/A		T/A [6]		T/A [6]											
CXMT	CXDQ3BFAM-CQ-A		8G bit	512M×16	DDR4	96ball		T/																
	CXDB3ABAM-MK CXDB4ABAM-MK		8G bit	256M×32 512M×32	LPDDR4/LPDDR4X <sup>[12]</sup>	200ball 200ball		T/A [7] T/A	A [7] T/A			T/A				T/				_				
	CXDB4ABAM-MK CXDB5CCAM-MK		32G bit	512M×32 1024M×32	LPDDR4/LPDDR4X <sup>[12]</sup> LPDDR4/LPDDR4X <sup>[12]</sup>	200ball 200ball	1	T/A T/A	A [7] T/A			I/A				- 17	A			+				
					LI DDINGLI DDINA			1 ., 1 .,														1		
	GDO2BFAA-CE		4G bit	256M×16	DDR4	96ball	1	T 7/4   T	/A T/A					T/A	T/A				1	1				1
GigaDevice	GDQ2BFAA-CJ		4G bit	256M×16	DDR4	96ball		T/A T/	/A 1/A					1//	1/A									
																				'				
JHICC	CA4S4G16V-F9GNC		4G bit	256M×16	DDR4	96ball	1	T//	▲ 181 I	1		1								1				
mice	CA434G10V-F3GIVC		40 Dit	230W1×10	DDIN	Joban	-	1 1//		-			-			_				-				+
	M14D1G1664A-1.8BG2S M15T1G1664A-DEBG2C		1G bit	64M×16	DDR2 DDR3I	84ball 96ball			T/A	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 M15T2G16128A-DEBG2LS	EOL	2G bit 2G bit	128M×16 128M×16	DDR3L DDR3L	96ball 96ball			T/A	T/A T/A				N/A T/A	N/A T/A T/		7//	T/A	T/A T/A	_				
	M15T2G16128A-DEBG2LS M15T2G16128A-DEBG2R		2G bit	128M×16	DDR3L DDR3L	96ball	1		T/A	I/A					T/A 1/	A	1//	I/A	I/A	+				
ESMT	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	$\perp$			N/A	N/A		N/A	N/A	N/A				N/A	$\perp$				4
	M15T4G16256A-DEBG2R M15T4G16256A-DEBG2G		4G bit	256M×16 256M×16	DDR3L DDR3L	96ball 96ball			T/A					T/A T/A	T/A									-
	M15T4G16256A-DEBG2S		4G bit	256M×16	DDR3L	96ball			T/A															1
	M16U4G16256A-KJBG		4G bit	256M×16	DDR4	96ball			T/A					T/A										]
	M16U4G16256A-QLBG M56Z8G32256A-SMBIG		4G bit 8G bit	256M×16 256M×32	DDR4 LPDDR4	96ball 200ball		T/	/A T/A					T/A	T/A					-				-
	INTOCOGOSSION-SIMBIG		JIG DO	230M×32	LPUUR4	ZUUDAII	1		1/A	1	1				1				1	1	1	1		1
	SCB15H1G160CF-13K		1G bit	64M×16	DDR3	96ball				T/A														
	SCB15H1G160AF-13K SCN13H2G160AF-13K		1G bit 2G bit	64M×16 128M×16	DDR3 DDR3	96ball 96ball				T/A								+			T/A			1
	SCB13H2G160AF-11M		2G bit	128M×16	DDR3L	96ball				T/A									T/A		.,,,			
	SCB15H2G160AF-13K	EOL	2G bit	128M×16	DDR3	96ball									T/A									
UniIC	SCB13H2G160EF-09N SCB13H4G160AF-11M		2G bit 4G bit	128M×16 256M×16	DDR3L DDR3L	96ball 96ball			T/A T/A	T/A T/A	T/A	T/A	T/A	T/A T/A	T/A T/	A T/		T/A	T/A					
	HXB15H4G800AF-13K		4G bit	512M×8	DDR3	78ball	1		1/4	T/A	1/4	1/4	1/4	1//	1/4	- '	`	1/4	T/A	+				
	HXB13H4G160AF-13KT		4G bit	256M×16	DDR3	96ball				T/A								T/A			T/A	T/A		
	HXI15H4G160AF-13K SCB13H8G162BF-11M		4G bit 8G bit	256M×16 512M×16	DDR3 DDR3L	96ball 96ball			T/A		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		1/A	1/A	1/A	1//	1/A	- ''	•	1/A						_
																								*
	HXB18T1G160AF-25D		1G bit	64M×16	DDR2	84ball													1					256M16在RK3066,
	HXB18T2G160AF-25D		2G bit	128M×16	DDR2	84ball	1													<b>√</b>				RK31xx平台上需要添
SCSemicon	HXB15H2G800BF-15H		2G bit	256M×8	DDR3	78ball												T/A		N/A	T/A	N/A	T/A	加定赖相关补丁。并
Sesemicon	HXB15H2G160CF-13K		2G bit	128M×16 512M×8	DDR3	96ball															T/A			且对参考层完整性要
	HXB15H4G800BF-15H HXB15H4G160BF-15H		4G bit	512M×8 256M×16	DDR3 DDR3	78ball 96ball										_		T/A		T/A	T/A	N/A	T/A [1]	求较高,需要严格遵 照我们的布板要求布
					1															1		1		MANUAL PROPERTY OF
	W9751G6KB-25		512M bit	32M×16	DDR2	0.0	,													1				
	W9751G6NB-25		512M bit	32M×16	DDR2	84ball 84ball				T/A T/A														
	W971GG6SB-18		1G bit	64M×16	DDR2	84ball				T/A														
	W631GG6KB-12 W631GG6MB-12	501	1G bit	64M×16 64M×16	DDR3	96ball 96ball				T/A									T/A					
	W631GU6NB-12	EOL	1G bit 1G bit	64M×16	DDR3 DDR3L	96ball				T/A T/A [10]						_								_
Winbond	W632GG6KB-15		2G bit	128M×16	DDR3	96ball												T/A			T/A	T/A	T/A	
	W632GG6NB-12		2G bit	128M×16	DDR3	96ball 96ball	1	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	4
	W632GU6QB-09		2G bit 2G bit	128M×16 128M×16	DDR3L DDR3L	96ball		T/	/A T/A															<b>-</b>
	W634GU6QB-11		4G bit	256M×16	DDR3L	96ball						T/A [13]				T/A	[13]							
	W66BL6NBUAFI W66CL2NOUAFI		2G bit 4G bit	128M×16 128M×32	LPDDR4 LPDDR4	200ball 200ball	1		T/A											+		1		-
			DIL	1EUM AJE		Loopall	1		1//	1					-			-	1	1		-		-
	ENTCODACCINIDA DE:		5401	22:	0000	00												_						
	EM68B16CWPA-25H		512M bit 512M bit	32M×16 32M×16	DDR2 DDR2	84ball 84ball				T/A										√				-
	EM68B16CWQK-18H EM68B16CWOH-18H		512M bit 512M bit	32M×16 32M×16	DDR2	84ball 84ball	1		_	T/A					_		_			+				-
	EM68B16CWQH-18H EM6GC16EWKG-12H		512M bit 1G bit	32M×16 64M×16	DDR2 DDR3	84ball 96ball			T/A										T/A					-
		EOL	2G bit	128M×16	DDR3	96ball			./A	T/A									- '/-	1				1
	EM6GC16EWKE-12H				DDR3	96ball				T/A														1
	EM6GC16EWKE-12H EM6GC16EWXD-12H		2G bit	128M×16										T/A	T/A					-	+			
	EM6GC16EWXD-12H EM6GD16EWKG-12H	EOL EOL	2G bit	128M×16	DDR3	96ball				T/A									T/A					
	EM6GC16EWXD-12H EM6GD16EWKG-12H EM6GD16EWXF-12H	EOL	2G bit 2G bit	128M×16 128M×16	DDR3 DDR3	96ball 96ball				T/A T/A				T/A	T/A				T/A T/A					
	EM6GC16EWXD-12H EM6GD16EWKG-12H	EOL EOL	2G bit 2G bit 2G bit	128M×16 128M×16 128M×16	DDR3 DDR3 DDR3	96ball 96ball 96ball								T/A	T/A	Α	T/A				T/A			
Etron Tech	EM6GC16EWXD-12H EM6GD16EWKG-12H EM6GD16EWXF-12H EM6GD16EWBH-12H EM6HC16EWBH-09H	EOL EOL	2G bit 2G bit 2G bit 2G bit	128M×16 128M×16 128M×16 128M×16	DDR3 DDR3 DDR3 DDR3 DDR3L	96ball 96ball 96ball 96ball			T/A					T/A	T/A	Α	T/A					7.0		台湾颗粒厂商,兼容
Etron Tech	EM6GC16EWXD-12H EM6GD16EWKG-12H EM6GD16EWKF-12H EM6GD16EWBH-12H EM6HC16EWBH-09H EM6GE16EW5B-15H	EOL EOL	2G bit 2G bit 2G bit 2G bit 2G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3L DDR3	96ball 96ball 96ball 96ball 96ball			T/A					T/A	T/A	A	T/A	T/A		T/A	T/A	T/A	T/A	台湾颗粒厂商,兼容 性较好
Etron Tech	EMGGC16EWXD-12H EMGGD16EWKG-12H EMGGD16EWKG-12H EMGGD16EWBH-12H EMGGC16EWBH-12H EMGGC16EWBH-09H EMGGC16EWSB-15H EMGGE0EWGC-12H	EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16 512M×8	DDR3 DDR3 DDR3 DDR3L DDR3 DDR3 DDR3	96ball 96ball 96ball 96ball 96ball			T/A					T/A	T/A	Ά	T/A	T/A	T/A	T/A	T/A T/A	T/A	.,	台湾颗粒厂商,兼容 性较好
Etron Tech	EMGGC16EWXD-12H EMGGD16EWKG-12H EMGGD16EWSH-12H EMGGD16EWSH-12H EMGGC16EWSH-12H EMGGC16EWSH-15H EMGGC16EWSB-15H EMGGC16EWSB-15H EMGGC16EWXC-12H	EOL EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16 512M×8 256M×16	DDR3 DDR3 DDR3 DDR3L DDR3 DDR3 DDR3 DDR3	96ball 96ball 96ball 96ball 96ball 96ball			T/A	T/A	T/A		T/A		T/A T/			T/A	T/A	T/A	T/A	1,711	T/A T/A	台湾颗粒厂商,兼容性较好
Etron Tech	EMGGC16EWXD-12H EMGGD16EWKG-12H EMGGD16EWKG-12H EMGGD16EWBH-12H EMGGC16EWBH-12H EMGGC16EWBH-09H EMGGC16EWSB-15H EMGGE0EWGC-12H	EOL EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit 4G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16 512M×8	DDR3 DDR3 DDR3 DDR3L DDR3 DDR3 DDR3	96ball 96ball 96ball 96ball 96ball			T/A		T/A T/A	T/A	T/A	T/A	T/A T/A	A	T/A	T/A	T/A	T/A	T/A T/A T/A	T/A T/A	T/A	台湾颗粒厂商,兼容 性较好
Etron Tech	EMGC16EWXD-12H EMGGD16EWKG-12H EMGGD16EWKF-12H EMGGD16EWSH-12H EMGGD16EWSH-12H EMGG16EWSH-19H EMGG16EWSH-19H EMGG16EWSH-19H EMGG16EWSH-19H EMGG16EWSH-19H EMGG16EWXD-12H EMGG16EWXD-12H	EOL EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16 512M×8 256M×16 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3L DDR3 DDR3 DDR3	96ball 96ball 96ball 96ball 96ball 96ball 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	T/A	T/A	T/A T/A	T/A	.,	台湾颗粒厂商,兼容 性较好
Etron Tech	EMBGG16EWXCh-12H EMGGD16EWXG-12H EMGGD16EWXG-12H EMGGD16EWXH-12H EMGGD16EWXH-12H EMGG16EWXH-12H EMGG16EWXH-12H EMGG16EWXH-09H EMGG16EWXH-09H EMGG16EWXH-09H EMGG16EWXCh-12H EMGG16EWXCh-12H EMGG16EWXCh-12H EMGG16EWXCh-12H	EOL EOL EOL EOL EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit	128M×16 128M×16 128M×16 128M×16 256M×16 512M×8 256M×16 256M×16 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3	96ball 96ball 96ball 96ball 96ball 96ball 96ball 96ball 96ball			T/A	T/A	T/A	T/A	T/A	T/A T/A T/A	T/A	A	T/A	T/A	T/A	T/A	T/A T/A T/A	T/A T/A	T/A	台湾颗粒厂商,兼容 性较好
Etron Tech	EMGC16EWXD-12H EMGGD16EWXG-12H EMGGD16EWXF-12H EMGGD16EWXF-12H EMGGD16EW3H-12H EMGG16EW3H-12H	EOL EOL EOL EOL	2G bit 2G bit 2G bit 4G bit	128M×16 128M×16 128M×16 128M×16 256M×16 256M×16 256M×16 256M×16 256M×16 256M×16 256M×16 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3	96ball			T/A	T/A  T/A  T/A  T/A	T/A T/A	T/A	T/A T/A	T/A T/A T/A T/A	T/A T/A T/A T/A T/A T/A T/A	A T/	T/A A T/A	T/A	T/A	T/A	T/A T/A T/A	T/A T/A	T/A	台湾颗粒厂商,兼容 性较好
Etron Tech	EMBGG1 ERWXD-12H EMGG01 EWXG-12H EMGG01 EWXG-12H EMGG01 EWXH-12H EMGG01 EWXH-12H EMGG01 EWXH-12H EMGG1 EWXH-12H EMGG1 EWXH-12H EMGG1 EWXH-09H EMGG6 EWXH-09H EMGG6 EWXH-09H EMGG6 EWXH-12H EMG6 EWXH-12H EMGG6 EWXH-12H EMG6	EOL EOL EOL EOL EOL EOL	2G bit 2G bit 2G bit 2G bit 4G bit	128M×16 128M×16 128M×16 128M×16 128M×16 256M×16 512M×8 256M×16 256M×16 256M×16 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3	96ball		T/A T/	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 T/A T/A T/A	A T/	T/A 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	台湾颗粒厂商,兼容 性较好



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568		RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806	RK339 CPU_RA M		RK3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5	RK290x RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK302 RK3036/RK3036 /RK3126	6/ G RK3066/RK3066A/PX2 RK3168/RK3188/PX3	
	A3R12E40DBF-AH		512M bit	32M×16 64M×16	DDR2	84ball		N/A			T/A			****			N/A	N/A				N/A				
	A3T1GF40CBF-HP A3T1GF40CBF-GM		1G bit 1G bit	64M×16	DDR3 DDR3	96ball 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 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	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	T/A	N/A	N/A	
	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball					N/A	T/A		T/A	T/A	T/A							I/A			
	AS14GF4UADF-GWI	_	4G DIL	230WI×10	DDRS	960411		l				1/A		1/A	1/4	1/A										-
ISSI	IS43TR16640B-125KBL		1G bit		DDR3	96ball					T/A															
1551	IS43TR16128C-125KBL		2G bit	128M×16	DDR3	96ball					T/A				T/A	T/A	T/A		T/A		T/A					
	IS43TR16512BL-125KBLI		8G bit	512M×16	DDR3L	96ball							T/A					T/A					T/A			
	PME810816CBR-G8DN		1G bit	64M×16	DDR2	84bali					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																
πΡΜ	PMF412816HBR-KADN		4G bit	256M×16	DDR3L	96ball									T/A	T/A										1
	PMF512816BBR-KADN		4G bit	256M×16	DDR3	96ball														T/A					T/A	1
	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 [9]						4
	PMF512816HBR-NCDN		4G bit	256M×16	DDR3	96ball				T/A												-				4
	PMF412816FBR-KADN TMF42G6HBR-NCDN		4G bit 2G bit	256M×16 128M×16	DDR3L DDR3L	96ball 96ball				T/A										T/A					1	1
- 14				128M×16 256M×16	DDR3L DDR3	96ball 96ball				T/A										100						4
τ Memory	TMF54G6HBR-KADN TMF54G6HBR-NCDN		4G bit	256M×16 256M×16	DDR3	96ball 96ball				7/1										T/A [9]					1	1
	TMF54G6HBR-NCDN		4G bit	256M×16	DDR3	96ball				T/A																
	I5TQ4G63EFR		4G bit		DDR3	96ball						T/A		T/A	T/A	T/A										
Essencore	EL38NMAAA1-PBER		8G bit	256M×32	LPDDR3	178ball							T/A					T/A								
	EL4BPMBBB1-S4ER		16G bit	512M×32	LPDDR4	200ball		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	(PRN256M8V79DG8GQF-15E) PE936-15E (PRN256M8V89CG8GQF-15E) PEB08-15E		2G bit	256M×8 256M×8	DDR3	78ball 78ball														T/A N/A		T/A	T/A	T/A	T/A N/A	_
	(PRN512M8V80AG8RHF-15E) PEB15-15E		4G bit	512M×8	DDR3	78ball														T/A			T/A	T/A	T/A <sup>[1]</sup>	
	(PRN256M16V80AG8GPF-15E)		4G bit	256M×16	DDR3	96ball														T/A		T/A	T/A	T/A	T/A	
	PEB16-15E (PRM256M16V80AG8GPF-15E)		4G bit	256M×16	DDR3	96ball														T/A			T/A	T/A	T/A	
	PE017 (SUU256M16V90BG8LY-125TP)		4 <del>G bit</del>	256M×16	DDR3	96ball																		T/A		
	PE039 (SUU256M16V90BG8LY-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										
SPECTEK	Z9QHG (SM128MX32U80MD1LGU-25FT)		4G bit	128M×32	LPDDR2	96ball														T/A					T/A	MICRON子品) 兼容性良
	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 (SU256M32Z01MD1BNP)		8G bit	256M×32	LPDDR4	200ball		$\lfloor \rfloor$					N/A					N/A								
	PS007 (SU512M32Z01MD2BNP)		16G bit	512M×32	LPDDR4	200ball							T/A					T/A								
	(PS086) SU256M64Z00MD4DKN		16G bit	256M×64	LPDDR4	366ball							T/A					T/A								
	PS004 (SM512M64Z91MD4BNK)		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								
	PS035 (SU512M64Z01MD4BNK)		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								
	PS013		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								



E E N N N S N N U U B B D D C K M M M M M M M M M M M M M M M M M M	EOL	1G bit 1G bit 2G bit 2G bit 4G bit 8G bit 8G bit 4G bit	GMM*16 128M*8 128M*16 128M*16 128M*16 128M*16 512M*8 256M*16 256M*16 256M*16 128M*16 128M*16 1512M*8 256M*16 256M*16 256M*16 512M*8	DDR2 DDR2 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3	84ball 84ball 96ball 96ball 78ball 96ball 96ball 96ball 96ball		N/A N/A	N/A N/A	N/A N/A T/A	T/A T/A							M	м		A/RK3228B/RK 3229/PX5	RK2918	028A/RK312 8/PX3-SE		RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与政兼容情况
N N N N N N N N N N N N N N N N N N N	EOL	2G bit 2G bit 4G	128M×16 128M×16 512M×8 256M×16 256M×16 256M×16 256M×16 128M×16 512M×8 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR3	96ball 96ball 78ball 96ball 96ball 96ball 96ball		,		N/A	T/A											√				
JS N N S S S S S S S S S S S S S S S S S	EOL	2G bit 4G bit	128M×16 512M×8 256M×16 256M×16 256M×16 256M×16 256M×16 128M×16 512M×8 256M×16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR3 DDR4  DDR4  DDR3L DDR3L	96ball 78ball 96ball 96ball 96ball 96ball		,		N/A	T/A											<b>√</b>				
S S S S S S S S S S S S S S S S S S S	EOL	4G bit 8G bit	512Mx8 256Mx16 256Mx16 256Mx16 256Mx16 256Mx16 128Mx16 512Mx8 256Mx16	DDR3 DDR3 DDR3 DDR3 DDR3 DDR4  DDR4  DDR3L DDR3	78ball 96ball 96ball 96ball 96ball		,		N/A											T/A					
S S S S S S S S S S S S S S S S S S S	EOL	4G bit 8G bit	256M×16 256M×16 256M×16 256M×16 256M×16 128M×16 512M×8 256M×16 256M×16	DDR3 DDR3 DDR3 DDR4  DDR4  DDR3L DDR3	96ball 96ball 96ball 96ball		,		N/A		T/A		T/A	T/A	T/A				N/A			T/A	NIZA	N/A	
S MMX	EOL	4G bit 4G bit 2G bit 4G bit 4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	256M×16 256M×16 128M×16 512M×8 256M×16 256M×16	DDR3 DDR4  DDR3L DDR3	96ball 96ball 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	
S MMX	EOL	4G bit 4G bit 2G bit 4G bit 4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	256M×16 256M×16 128M×16 512M×8 256M×16 256M×16	DDR3 DDR4  DDR3L DDR3	96ball 96ball 96ball				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	
) (	EOL	2G bit 4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	128M×16 512M×8 256M×16 256M×16	DDR3L DDR3	96ball					.,,	T/A	,	T/A	T/A	T/A			,	,	.,,,,	,	,			
U	EOL	4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	512M×8 256M×16 256M×16	DDR3												T/A		T/A							
U	EOL	4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	512M×8 256M×16 256M×16	DDR3																					
U	EOL	4G bit 4G bit 4G bit 4G bit 4G bit 8G bit	512M×8 256M×16 256M×16	DDR3		1			T/A					T/A	T/A	1	1	1	1	1				т —	
3 O C	EOL	4G bit 4G bit 4G bit 8G bit	256M×16 256M×16		78ball	-			1/4					1/8	1/4				T/A			T/A	T/A	T/A	
C M		4G bit 8G bit			96ball					T/A [3]									T/A [3]	T/A [3]		T/A [3]	T/A [3]	T/A [3]	
O ( M		4G bit 8G bit		DDR3L	96ball				T/A	T/A	T/A		T/A	T/A	T/A	T/A		T/A	T/A			-,			
M				DDR3	96ball	1													T/A						
М		4G bit	512M×16	DDR3L	96ball							T/A					T/A		T/A						
			256M×16	DDR4	96ball		T/A		T/A					T/A	T/A										
		8G bit	512M×16	DDR4	96ball		T/A	T/A	T/A		T/A		T/A												256M16在RK3066,
		8G bit	256M×32	LPDDR3	178ball											T/A		T/A		T/A					RK31xx平台上需要添 加定頻相关补丁。并
		8G bit	256M×32 256M×32	LPDDR3	178ball				T/A		T/A		T/A	T/A	T/A	T/A		T/A	-						且对参考层完整性要
		8G bit 8G bit	256M×32 512M×16	LPDDR3	178ball 178ball	-			1/A										T/A						求较高,需要严格遵
.R		8G bit	512M×16 256M×32	LPDDR3	1/8ball 200ball	_						T/A					T/A		I/A						照我们的布板要求布 板。
IR		16G bit	512M×32	LPDDR4	200ball	+-	T/A [7]	T/A [7]	T/A			.,,,					1/4								toX o
AR	EOL	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	
AR		16G bit	512M×32	LPDDR4	200ball	1			T/A			T/A					T/A								1
(R		16G bit	512M×32	LPDDR4X	200ball		T/A [7]		T/A																
R		24G bit	768M×32	LPDDR4X	200ball		T/A	T/A																	
(R		32G bit	1024M×32	LPDDR4X	200ball	$\perp$	T/A [7]		N/A																
AR		32G bit	1024M×32	LPDDR4X	200ball		T/A	T/A																	
		2G bit	128M×16	DDR3L	96ball				T/A	T/A				T/A	T/A	T/A		T/A	T/A	T/A		T/A			
		4G bit	256M×16	DDR3L	96ball	1			T/A	T/A		T/A		T/A	T/A		T/A		T/A	T/A		T/A			
		4G bit	256M×16	DDR4	96ball		T/A	T/A	T/A																
		4G bit	256M×16	DDR4	96ball									T/A	T/A										
:		8G bit	512M×16	DDR4	96ball		T/A	T/A																	
2		4G bit	128M×32	LPDDR3	178ball									T/A	T/A										
2		8G bit/ 2cs	256M×32	LPDDR3	178ball							T/A					T/A		T/A						
M32 M32		8G bit	256M×32 256M×32	LPDDR4	200ball 200ball							T/A					T/A		_						
M32		8G bit 8G bit	256M×32	LPDDR4/LPDDR4X <sup>[11]</sup> LPDDR4	200ball	+	N/A	N/A	T/A T/A			T/A					T/A								
		16G bit	256M×32 512M×32	LPDDR4/LPDDR4X[11]	200ball		T/A	T/A	T/A																
		16G bit	512M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball	+	T/A				-								+					-	
		16G bit	512M×32	LPDDR4X	200ball		T/A	T/A																	
M32	EOL	16G bit	512M×32	LPDDR4	200ball							T/A					T/A								
M32		16G bit	512M×32	LPDDR4/LPDDR4X[11]	200ball							T/A					T/A								
VI32				LPDDR4/LPDDR4X[11]				T/A [7]				T/A					T/A								
				LPDDR4/LPDDR4X[11]		/			T/A																
		32G bit	1024M×32	LPDDR4/LPDDR4X <sup>[11]</sup>	200ball			T/A	T/A			$\overline{}$													
							T/A		T/A										•		•				
-04Gb								T/A	T/A									I							
		4G bit	256M×16	DDR3L	96ball			T/A	T/A	N/A		T/A					T/A								
04Gb		4G bit	256M×16	DDR3L	96ball 96ball		T/A	T/A T/A	T/A T/A	N/A		T/A					T/A								
04Gb -04Gb		4G bit	256M×16 256M×16	DDR3L DDR4	96ball 96ball 96ball		T/A	T/A	T/A	N/A															
04Gb -04Gb 1PF		4G bit 4G bit 8G bit	256M×16 256M×16 256M×32	DDR3L DDR4 LPDDR3	96ball 96ball 96ball 178ball		T/A	T/A T/A	T/A T/A	N/A		T/A					T/A								
04Gb -04Gb 1PF 2PF		4G bit 4G bit 8G bit 16G bit	256M×16 256M×16 256M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR3	96ball 96ball 96ball 178ball 178ball		T/A	T/A T/A	T/A T/A	N/A		T/A				T/A	T/A	T/A		T/A					
04Gb -04Gb 1PF 2PF -08Gb		4G bit 4G bit 8G bit 16G bit 8G bit	256M×16 256M×16 256M×32 512M×32 256M×32	DDR3L DDR4 LPDDR3 LPDDR3 LPDDR3	96ball 96ball 96ball 178ball 178ball 200ball		T/A	T/A T/A	T/A T/A T/A	N/A						T/A				T/A					
04Gb -04Gb 1PF 2PF		4G bit 4G bit 8G bit 16G bit	256M×16 256M×16 256M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR3	96ball 96ball 96ball 178ball 178ball		T/A	T/A T/A	T/A T/A	N/A		T/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb 1PF 2PF -08Gb 08Gb		4G bit 4G bit 8G bit 16G bit 8G bit 8G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32	DDR3L DDR4 LPDDR3 LPDDR3 LPDDR4 LPDDR4	96ball 96ball 96ball 178ball 178ball 200ball		T/A	T/A T/A	T/A T/A T/A	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb 1PF 2PF -08Gb 08Gb		4G bit 4G bit 8G bit 16G bit 8G bit 8G bit 16G bit 16G bit 16G bit 16G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32 256M×32 512M×32 512M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR3 LPDDR4	96ball 96ball 96ball 178ball 178ball 200ball 200ball 200ball 200ball		T/A	T/A T/A	T/A T/A T/A	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb -04Gb IPF 22PF 08Gb 08Gb 16Gb 16Gb 16GGb-x		4G bit 4G bit 8G bit 16G bit 8G bit 16G bit 16G bit 16G bit 16G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR3 LPDDR4 LPDR4 LPDDR4 LPDR4 LPDR5 LPDR4 LPDR4 LPDR5 LPDR	96ball 96ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball		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	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb -04Gb IPF 2PF -08Gb -08Gb -16Gb -16Gb -16Gb -16Gb-x -16Gb-x		4G bit 4G bit 8G bit 16G bit 8G bit 8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDRAV	96ball 96ball 96ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball		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 T/A T/A T/A	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb -04Gb -1PF -2PF -08Gb -08Gb -08Gb -16Gb -16Gb -16Gb -16Gb-x -16Gb-x -16Gb-x -16Gb-x		4G bit 4G bit 8G bit 16G bit 8G bit 16G bit 14G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 726M×32	DDRAL DDRAL LPDDR3 LPDDR3 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDRAX	96ball 96ball 96ball 178ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball		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	T/A T/A T/A	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb -04Gb -1PF -2PF -08Gb -08Gb -16Gb -16Gb -16Gb -16Gb -x -16Gb-x -16Gb-x -24Gb-x -32Gb-x		4G bit 4G bit 8G bit 16G bit 8G bit 16G bit 14G bit	256M×16 256M×16 256M×32 512M×32 512M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32	DDR3L DDR4 LPDDR3 LPDDR3 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4X	96ball 96ball 96ball 178ball 178ball 178ball 178ball 200ball 2		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	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
04Gb -04Gb -04Gb -1PF -2PF -08Gb -08Gb -08Gb -16Gb -16Gb -16Gb -16Gb-x -16Gb-x -16Gb-x -16Gb-x		4G bit 4G bit 8G bit 16G bit 8G bit 16G bit 14G bit	256M×16 256M×16 256M×32 512M×32 256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 726M×32	DDRAL DDRAL LPDDR3 LPDDR3 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDRAX	96ball 96ball 96ball 178ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball		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	N/A		T/A N/A				T/A	T/A N/A	T/A		T/A					
MGb -MGb -MGb -MGb -MGB -MGB -MGB -MGB -MGB -MGB -MGG -MGG		4G bit 4G bit 8G bit 16G bit 18G bit 18G bit 18G bit 18G bit 18G bit 16G bit	256M+16 256M+16 256M+22 512M+32 556M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32	DOR3L DDR4 LPDOR3 LPDOR3 LPDOR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDRAX	96ball 96ball 96ball 178ball 178ball 178ball 200ball		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	N/A		T/A N/A					T/A N/A	T/A		T/A					
MGb -04Gb -0		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 8G bit 16G	256M+16 256M+32 512M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32	DOR3L DORAL LPDOR3 LPDOR3 LPDOR3 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDORAL LPDORAC LPDORAX	96ball 96ball 176ball 176ball 176ball 176ball 176ball 176ball 176ball 200ball 96ball 96ball 96ball 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	N/A		T/A N/A		T/A	T/A		T/A N/A	T/A		T/A					
MGb -MGb -MGb -MGb -MGB -MGB -MGB -MGB -MGB -MGB -MGG -MGG		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 16G	256M+16 256M+16 256M+32 512M+32 556M+32 256M+32 556M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32	DORSI. DORORI LPDORS LPDORS LPDORS LPDORA LPDORAX LPDOR	96ball 96ball 96ball 178ball 178ball 200ball 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  T/A	T/A T/A T/A T/A	N/A		T/A N/A		T/A	T/A		T/A N/A	T/A		T/A		T/A			
J46b J46b J46b J46b J46b J46b J46b J46b		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 16G bit 8G bit 16G bit 24G bit 32G bit 32G bit 32G bit 4G bit 4G bit 4G bit 4G bit 4G bit	256M+16 256M+32 556M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32	DOR3L DORAL LPDOR3 LPDOR3 LPDOR3 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDORAL LPDORAC LPDORAX	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	N/A		T/A N/A					T/A N/A	T/A		T/A		T/A			
J4Gb J4Gb J4F		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 16G	256M+16 256M+32 556M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32 1024M+32 128M+16 256M+16 256M+16 256M+16 256M+16 256M+16 256M+16	DOR3L DORAL LPDOR3 LPDOR3 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDOR4 LPDORAL LPDORAL LPDORAL LPDORAL LPDORAL LPDORAL LPDORAL LPDORAL LPDORAX	96ball 96ball 176ball		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  T/A	T/A T/A T/A T/A T/A T/A	N/A		T/A N/A		T/A	T/A		T/A N/A	T/A		T/A		T/A			
MGb  MGC  PPF  PPF  BBG  BBG  BBG  BBG  BBG  BBG		4G bit 4G bit 8G bit 8G bit 16G bit 86 bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 14G	256M+16 256M+22 556M+32 512M+32 256M+32 256M+32 512M+3	DORSI. DORORI LPDORS LPDORS LPDORS LPDORS LPDORA LPDORA LPDORA LPDORA LPDORA LPDORA LPDORA LPDORA LPDORAX LPDORSI LPDO	96ball 96ball 178ball 200ball 196ball 96ball 96ball 178ball 178ball 178ball 178ball 178ball		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  T/A	T/A T/A T/A T/A T/A T/A T/A	N/A		T/A N/A					T/A N/A	T/A		T/A		T/A			
J46b J46b J46b J46b J46b J46b J46b J46b		4G bit 4G bit 8G bit 8G bit 16G bit 86 bit 86 bit 166 bit	256M+16 256M+32 556M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32 1024M+32 1025M+16 256M+16 2	DORSI DORON LIPDORS LIPDORS LIPDORA LIPDORSI LIP	96ball 96ball 96ball 96ball 178ball 178ball 178ball 200ball 36ball 36ball 36ball 36ball 36ball 36ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball 36ball 36ball 36ball 36ball 36ball 378ball 378ba		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  T/A	T/A  T/A  T/A  T/A  T/A  T/A  T/A  T/A	N/A		T/A N/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
MGb  MGC  MGC  MGC  MGC  MGC  MGC  MGC		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 16G bit 8G bit 16G bit 16G bit 16G bit 16G bit 14G	256M+16 256M+22 556M+32 512M+32 556M+32 556M+32 556M+32 512M+3	DOR3L DORAL LPDORA LPDORAX LPDORA	96ball 96ball 178ball 178ball 200ball 200ball 178ball 196ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 196ball 196ball 196ball 178ball 178ball 178ball 178ball 178ball 200ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball		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  T/A	T/A	N/A		T/A N/A T/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
J4Gb J4Gb J4F		4G bit 4G bit 8G bit 8G bit 16G bit 86 bit 86 bit 16G bit	256M+16 256M+32 512M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 128M+16 256M+16 256M+16 128M+32 256M+32 256M+32 256M+32 256M+32 256M+32 256M+32	DOR3.  DORDA  LPDDR3  LPDDR3  LPDDR3  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDRAX  LPDRAX  LP	96ball 96ball 96ball 96ball 178ball 178ball 178ball 200ball 200ball 200ball 200ball 178ball 200ball 198ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 196ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball 200ball 200ball 200ball 200ball 200ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball 20		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  T/A  T/A	N/A		T/A N/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
MGb  MGCb  M		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 8G bit 8G bit 16G bit 24G bit 4G bit 8G bit 8G bit 16G bit 16G bit 16G bit 16G bit	256M+16 256M+32 512M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+	DORSI DORSI JPDORS LPDORS LPDORA LPDO	96ball 96ball 178ball 178ball 200ball 178ball 178ball 178ball 178ball 200ball 96ball 96ball 96ball 178ball 178ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball 200		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  T/A	T/A	N/A		T/A N/A T/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
MGb  PPF  PPF  PPF  BBG  BBG  BBG  BBG  BBG		4G bit 4G bit 8G bit 16G bit 8G bit 16G bit 8G bit 16G bit	256M+16 256M+32 512M+32 512M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32 1024M+32	DOR3.  LPDDR3  LPDDR3  LPDDR3  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDRAX  LPDRAX  LPDRA	96ball 96ball 178ball 178ball 200ball 200ball 178ball 178ball 178ball 200ball 200ball 200ball 200ball 178ball 200ball 178ball 200ball 300ball 200ball 300ball		T/A  T/A  T/A  T/A  T/A  T/A  T/A  T/A	T/A	T/A	N/A		T/A N/A T/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
MGb  MGCb  M		4G bit 4G bit 8G bit 8G bit 16G bit 8G bit 8G bit 8G bit 16G bit 24G bit 4G bit 8G bit 8G bit 16G bit 16G bit 16G bit 16G bit	256M+16 256M+32 512M+32 512M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+	DORSI DORSI JPDORS LPDORS LPDORA LPDO	96ball 96ball 178ball 178ball 200ball 178ball 178ball 178ball 178ball 200ball 96ball 96ball 96ball 178ball 178ball 178ball 178ball 178ball 178ball 178ball 178ball 200ball 200		T/A  T/A  T/A  T/A  T/A  T/A  T/A  T/A	T/A	T/A	N/A		T/A N/A T/A T/A T/A					T/A N/A T/A T/A	T/A		T/A		T/A			
MGb -04Gb -04Gb -04Gb -04Gb -04Gb -04Gb -04Gb -08Gb -08Gb -08Gb -08Gb -16Gb -16Gb -16Gb -16Gb -16Gb -24Gb-x			46 bit 46 bit 86 bit 86 bit 166 bit 86 bit 166 bit	4G bit 256M+16  46 bit 256M+16  86 bit 256M+32  166 bit 512M+32  86 bit 256M+32  86 bit 256M+32  166 bit 512M+32  166 bit 102M+32  166 bit 102M+32  166 bit 102M+32  26 bit 102M+32  26 bit 102M+32  26 bit 102M+32  26 bit 102M+32  326 bit 102M+32  326 bit 102M+32  46 bit 256M+16  46 bit 256M+16  46 bit 256M+16	4G bit 256M+16 DDR3L  4G bit 256M+16 DDR3L  4G bit 256M+16 DDR3L  8G bit 256M+36 DDR3  16G bit 512M+32 LPD0R3  8G bit 256M+32 LPD0R4  8G bit 256M+32 LPD0R4  16G bit 512M+32 LPD0R4X  16G bit 512M+32 LPD0R4X  16G bit 512M+32 LPD0R4X  16G bit 512M+32 LPD0R4X  16G bit 102M+32 LPD0R4X  24G bit 102M+32 LPD0R4X  32G bit 102M+32 LPD0R4X  32G bit 102M+32 LPD0R4X  32G bit 102M+32 LPD0R4X  4G bit 256M+16 DDR3L  4G bit 256M+16 DDR3L  4G bit 256M+16 DDR3L	46 bit 256M-16 DDR3L 96ball 46 bit 256M-16 DDR3L 96ball 478ball 256M-16 DDR4 96ball 86 bit 256M-18 DDR4 96ball 178ball 166 bit 512M-32 LPDDR3 178ball 178ball 86 bit 256M-32 LPDDR4 200ball 86 bit 256M-32 LPDDR4 200ball 166 bit 512M-32 LPDDR4X 200ball 36 bit 166 bit 512M-32 LPDDR4X 200ball 166 bit 1678M-32 LPDDR4X 200ball 246 bit 768M-32 LPDDR4X 200ball 326 bit 102M+32 LPDDR4X 200ball 32	326 bit 1024M+32 LPDOR4/PDDRAX <sup>(+)</sup> 200ball 46 bit 256M+16 DDR3L 96ball 96ball 96ball 18	246 bit   768M-32   LPDRALPDRAKE*****   200ball   17/A	16G bit   512M+32   LPDDRA/LPDDRAX***  200ball   TA/**  TA/**    24G bit   768M+32   LPDDRA/LPDDRAX**  200ball   TA/**  TA/**    32G bit   1024M+32   LPDDRA/LPDDRAX**  200ball   TA/**  TA/**    44G bit   256M+16   DDR3L   96ball   96ball   TA/**    44G bit   256M+16   DDR3L   96ball   TA/**    44G bit   256M+16   DDR4   96ball   TA/**    44G bit   256M+16   DDR4   96ball   TA/**    44G bit   256M+32   LPDDRA**    45G bit   256M+32   LPDDRA**    45G bit   512M+32   LPDDRA**    45G bit   256M+32   LPDDRA**    45G bit   512M+32   LPDDRA**    45G bit   152M+32   LPDDRA**    45G bit   152M+32   LPDDRA**    45G bit   128M+16   LPDDRA**    45G bit   128M+16   LPDRA**    45G bit   256M+16   LDRA**    45G bit   17A   TA/**    45G bit   156M+16   LDRA**    45G bit   256M+16   LDRA**    45G bit   17A   TA/**    45G bit   256M+16   LDRA**    45G bit   17A   TA/**    45G bit   17	246 bit   768M-32   LPDRAL/PDDRACE*****   200ball   17/A   17/A	32G bit   1024M+32   1PDDRAX***    200ball   17/A   17/A   17/A   1.0	AG bit   256M-16   DDR3L   96ball   T/A   N/A	AG bit   256M+16   DDR3L   96ball	226 bit   1024M+32   LPDOR4/PODRXG***   200ball   T/A   T/A   T/A	32G bit   1024M×32   IPDORAL***  200ball   T/A T/A   T/A   N/A   T/A	4G bit 256M+16 DDR3L 96ball T/A N/A T/A  4G bit 256M+16 DDR3L 96ball T/A N/A T/A  4G bit 256M+16 DDR4 96ball T/A T/A T/A  8G bit 256M+32 UPDR3 178ball T/Ball T/A  8G bit 256M+32 UPDR4 200ball T/A  16G bit 256M+32 UPDR4 200ball T/A  16G bit 512M+32 UPDR4 200ball T/A  16G bit 102M+32 UPDR4 200ball	AG bit   256M×16   DDR3L   96ball   T/A   N/A   T/A   N/A     T/A   N/A   M/A   M/	4G bit 256M+16 DDR3L 96ball T/A N/A T/A   T/A   4G bit 256M+16 DDR3L 96ball T/A T/A   T/A   4G bit 256M+16 DDR4 96ball T/A T/A T/A   86 bit 256M+32 LPDR3 178ball   T/A T/A   16G bit 512M+32 LPDR4 200ball T/A   16G bit 256M+32 LPDR4 200ball T/A   16G bit 512M+32 LPDR4 200ball T/A   16G bit 151M+32 LPDR4 200ball T/A	46 bit   256M+16   DDR1   96ball   T/A   T/A	Mode	AG bit   256M+16   DDR3L   96ball   T/A   N/A   T/A     T/A	Mode   Mode	46 bit   256M+16   DDR2L   98ball   T/A   T/A	Mode	AG bit   256M+16   DDR3L   96ball   T/A   N/A   T/A     T/A       T/A



											RV1108/RK						RK339	19PRO		RK3368/RK3228		RK2928/RK3	RK2926/RK3026/		
Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588	RK3568	RK356	6 RV1126/ RV1109	3308/RK330 R 8B-S	K3228H RK	399 RK3328	PX30S	S/ RK3326/ PX30	RK1808/ RK1806	CPU_RA M		RK3288	A/RK3228B/RK 3229/PX5	RK290x RK2918	028A/RK312 8/PX3-SE	RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RE兼容情况
Dosilicon	FM38E16SAB-9MGD FM38F16SBB-9MGD		2G bit 4G bit	128M×16 256M×16	DDR3L DDR3L	96ball 96ball				T/A				T/A T/A					T/A						
			'				1		1	1															
	GD81B32MJ0-41M2		OC his	2568422	LDDDDA	200k-II	_		_	T/A															1
	GD82D32MJ0-41M2 GD82D32MJ0-42M3		8G bit 16G bit	256M×32 512M×32	LPDDR4 LPDDR4X	200ball 200ball			T/A	T/A															
GCAI	GDA2D32MJ0-42M6		24G bit	768M×32	LPDDR4X	200ball		T/A																	
	GDB2D32MJ0-42M7		32G bit	1024M×32	LPDDR4/LPDDR4X[11]	200ball		T/A [7]						N/A											
					El DDINY El DDINY		-1	.,.	17.5	-	l			1.77											Į.
					,		1																		
	IMD128M16R322J8LY IMD256M16R30HG8GNF-107		2G bit 4G bit	128M×16 256M×16	DDR3L DDR3	96ball 96ball							/A	T/A	T/A N/A		T/A								
	IMD256M16R324J8LY			256M×16	DDR3L	96ball	+			7/4				T/A					T/A						
	IMD512M16R31AG8GPF		4G bit 8G bit	256M×16 512M×16	DDR3L DDR3	96ball				T/A			/A	I/A	T/A		T/A T/A		T/A						
ICMAX	IMD256M16R4ABD8LY		4G bit	256M×16	DDR4	96ball		N/A	N/A	N/A	N/A		/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	
	IMD256M16R4ZAD8TB		4G bit	256M×16	DDR4	96ball		14/74	T/A		14/74	N/A	14/2	11/2	14/24	14/74	14/74	14/74	14/74	1974	14/74	14/14	1974	19/4	
	IMD512M16R4DBD8LY		8G bit	512M×16	DDR4	96ball			T/A																
	IMD512M16R4AZD8JY		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	
	IMH256M32Z1D1DNP		8G bit	256M×32	LPDDR4	200ball				T/A		1	/A				T/A								
	•												•		•										
	T				T		1	_						_											ı
TMTC	TN4G16D3CSEP-EK		4G bit	256M×16	DDR3	96ball			_				/A		_		T/A								1
TMTC	TM8G32MD4LSA1-I4		8G bit	256M×32	LPDDR4	200ball							/A				T/A N/A								-
	TH16G32MD4LQM1-I4		16G bit	512M×32	LPDDR4	200ball			<del></del>		<u> </u>	1	/M				N/A					1			l
	GH4061600HRL-1833		4G bit	256M×16	DDR3L	96ball						T/A	T/A	T/A	T/A										
	GE4062666HD		4G bit	256M×16	DDR4	96ball				T/A				1											1
Goldkey	GE8062666ND		8G bit	512M×16	DDR4	96ball			T/A																i
	GE8062400HD-1833		8G bit	512M×16	DDR4	96ball										T/A		T/A							
	EM47DM1688SBA		2G bit	128M×16	DDR3	96ball															N/A				
	EM47EM0888SBA-150 EM47EM1688SBA-150		2G bit	256M×8	DDR3	78ball													T/A		T/A	N/A	N/A	T/A	
	EM47EM1688SBB-150A		4G bit 4G bit	256M×16 256M×16	DDR3 DDR3	96ball 96ball	+							_					T/A		T/A	T/A	T/A	T/A	台湾颗粒厂商,
Eorex	EM47EM1688SBB-150A EM47EM0888SBA-150		4G bit	256M×16 512M×8	DDR3	78ball													I/A			T/A	T/A	I/A	台灣颗粒)尚, 兼容性较好
	EM47FM0888SBA-150A		4G bit	512M×8	DDR3	78ball	+							_								T/A	T/A		2K-12" LL-1A-XJ
	EM47FM00003BA-130A		8G bit	256M×32	DDR3	136ball													T/A			1/4	1/4	T/A	-
	EM45FM3288LBA-187F		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball								_					T/A					N/A	
	-									-				-	-										
	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	
axeme	H2A401G1666BFBC H2A402G1666BFBC		1G bit 2G bit	64M×16 128M×16	DDR3 DDR3	96ball 96ball					T/A											T/A	T/A		
uxeme	H2A404G1666CFMC		4G bit	256M×16	DDR3	96ball	+					T/A	T/A	T/A	T/A							1/4	1/A		
	H2A404G0866CD8C		4G bit	512M×8	DDR3	78ball						.,,,		-//	- '/-				T/A					T/A	
							_																		
											, ,				_										
Sinker	SNB2816S21PS13 SNB5616S21PS13		2G bit	128M×16 256M×16	DDR3L	96ball 96ball				T/A					T/A										
	SNB5616S21PS13		4G bit	256M×16	DDR3L	96ball				T/A				T/A	T/A										
SCY	D4A16G32D2V-DC		16G bit	512M×32	LPDDR4/LPDDR4X[11]	200ball	T			T/A			ı	1					- 1						
-	+				LI DOING LI DOING				-																
	HG-DR30232-62001																								
			4G bit	256M×16	DDR3L	96ball						1	/A				T/A		T/A						
Hosin	HG512M32D2PDA1-H2		16G bit	512M×32	LPDDR4X	200ball		T/A	T/A			,	/A				T/A		T/A						
Hosin								T/A N/A	T/A N/A	N/A		1	/A				T/A		T/A						
Hosin	HG512M32D2PDA1-H2		16G bit	512M×32	LPDDR4X	200ball				N/A		1	/A				T/A		T/A						
	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1		16G bit 24G bit	512M×32 768M×32	LPDDR4X LPDDR4	200ball 200ball				N/A				N/A	N/A					N/A	<b>V</b>	N/A	N/A	N/A	
	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBASXJ25		16G bit 24G bit 1G bit	512M×32 768M×32 64M×16	LPDDR4X LPDDR4	200ball 200ball 84ball				N/A			/A N/A	N/A	N/A		T/A N/A		N/A	N/A	√ √	N/A	N/A	N/A	
	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1		16G bit 24G bit	512M×32 768M×32	LPDDR4X LPDDR4	200ball 200ball				N/A				N/A	N/A					N/A N/A	√ √ √	N/A N/A	N/A N/A	N/A N/A	
ProMOS	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBA5XJ25 V73CAG01808RA JI9 V59C1G02168QB		16G bit 24G bit 1G bit 1G bit	512M×32 768M×32 64M×16 128M×8 128M×16	LPDDR4X LPDDR4  DDR2 DDR3 DDR2	200ball 200ball 84ball 78ball				N/A				N/A	N/A					N/A N/A	√ √ √	,			
ProMOS	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168Q8ASXJ25 V73CAG01808RA JI9		16G bit 24G bit 1G bit 1G bit	512M×32 768M×32 64M×16 128M×8	LPDDR4X LPDDR4  DDR2 DDR3	200ball 200ball 84ball 78ball				N/A				N/A N/A	N/A N/A					N/A N/A	√ √ √	,			
ProMOS Q-CHIP	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBASXI25 V73CAG01808RA J9 V59C1G02169QB QN3R256M16M-16G		16G bit 24G bit 1G bit 1G bit 2G bit 4G bit	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16	LPDDR4X LPDDR4  DDR2 DDR3 DDR2  DDR3	200ball 200ball 84ball 78ball 84ball				N/A				N/A N/A	N/A N/A				N/A N/A	N/A N/A	√ √ √	,			
ProMOS Q-CHIP	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBA5XJ25 V73CAG01808RA JI9 V59C1G02168QB		16G bit 24G bit 1G bit 1G bit 2G bit	512M×32 768M×32 64M×16 128M×8 128M×16	LPDDR4X LPDDR4  DDR2 DDR3 DDR2	200ball 200ball 84ball 78ball 84ball				N/A				N/A N/A	N/A N/A				N/A N/A	N/A N/A	√ √ √	,			
ProMOS Q-CHIP	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBASXI25 V73CAG01808RA J9 V59C1G02169QB QN3R256M16M-16G		16G bit 24G bit 1G bit 1G bit 2G bit 4G bit	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16	LPDDR4X LPDDR4  DDR2 DDR3 DDR2  DDR3	200ball 200ball 84ball 78ball 84ball				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A	N/A N/A	√ √ √	,			
ProMOS  Q-CHIP  Netsol	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASX22S V73CAG01888RA JI9 V59C1G02188QB  QN3R256M16M-16G  S5RG2G20CMS-MGCJ		16G bit 24G bit  1G bit 1G bit 1G bit 2G bit 4G bit	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64	LPDDR4X LPDDR4  DDR2 DDR3 DDR2 DDR3 LDDR3 LDDR3 LDDR3	200ball 200ball 84ball 78ball 84ball 96ball				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A	N/A N/A	<b>√</b>	N/A	N/A	N/A	
ProMOS  Q-CHIP  Netsol	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1 V59C1G01168QBASXI25 V73CAG01808RA J9 V59C1G02169QB QN3R256M16M-16G		16G bit 24G bit 1G bit 1G bit 2G bit 4G bit	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16	LPDDR4X LPDDR4  DDR2 DDR3 DDR2  DDR3	200ball 200ball 84ball 78ball 84ball				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A	N/A N/A	√ √ √ √ T/A	N/A			
ProMOS  Q-CHIP  Netsol	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASX22S V73CAG01888RA JI9 V59C1G02188QB  QN3R256M16M-16G  S5RG2G20CMS-MGCJ		16G bit 24G bit  1G bit 1G bit 1G bit 2G bit 4G bit	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64	LPDDR4X LPDDR4  DDR2 DDR3 DDR2 DDR3 LDDR3 LDDR3 LDDR3	200ball 200ball 84ball 78ball 84ball 96ball				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A	N/A N/A	<b>√</b>	N/A	N/A	N/A	
Q-CHIP Netsol MT.MOSET	HG152M3CD2PDA1+I2 HG766M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA J9 V59C1G02168QB  QN3R256M16M-16G  S58G2G20CM5-MGCJ  ED3E25608CE-P9		16G bit 24G bit 11G bit 11G bit 12G bit 14G bit 14G bit 13G bit 14G bi	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 2256M×16 512M×64	LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR3  LPDDR4  LPDDR4  LPDDR4	200bali 200bali 200bali 200bali 200bali 200bali 34bali 78bali 84bali 96bali 366bali 366bali 78bali 78bali 78bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A	N/A N/A	<b>√</b>	N/A	N/A	N/A	到海豚的 III 4-12-4
Q-CHIP Netsol MT.MOSET	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA II9 V59C1G0168QB QN3R256M16M-16G  S58G2G2DCM5-MGCJ  ED3E25608CE-P9  S482G0846C-HYH9		16G bit 24G bit 16 bit 16 bit 16 bit 26 bit 4 bit 17 bit 18 bit 26 bit 17 bit 18 bit 1	512M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8	LPDDR4  LPDDR4  LPDDR4  DDR2  DDR3  DDR3  LPDDR4  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 84bali 84bali 96bali 96bali 366bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	<b>√</b>	N/A	N/A	N/A T/A	巴西颗粒,国内用的 不多
Q-CHIP Netsol MT.MOSET	HG152M3CD2PDA1+I2 HG766M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA J9 V59C1G02168QB  QN3R256M16M-16G  S58G2G20CM5-MGCJ  ED3E25608CE-P9		16G bit 24G bit 11G bit 11G bit 12G bit 14G bit 14G bit 13G bit 14G bi	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 2256M×16 512M×64	LPDDR4  LPDDR4  LPDDR4  LPDDR4  LPDDR3  LPDDR4  LPDDR4  LPDDR4	200bali 200bali 200bali 200bali 200bali 200bali 34bali 78bali 84bali 96bali 366bali 366bali 78bali 78bali 78bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A	N/A N/A	<b>√</b>	N/A	N/A	N/A	巴西颗粒,国内用的 不多
Q-CHIP Netsol MT.MOSET	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA JI9 V59C1G02184QB  QN3R256M16M-16G  SSRG2G20CM5-MGCJ  SSRG2G20CM5-MGCJ  SAB2G0846C-HYH9  S4B2G0846C-HYH9  S4B2G0846C-HYH9		16G bit 24G bit 16 bit 16 bit 16 bit 26 bit 25 bit 26 bit 27 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8	LPDDR4  LPDDR4  DDR2  DDR3  DDR2  LPDDR4  LPDDR4  DDR3  DDR3  DDR3  DDR3	200ball 200ball 200ball 84ball 78ball 96ball 366ball 78ball 78ball				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	<b>√</b>	N/A	N/A	N/A T/A	巴西颗粒,因内用的 不多
ProMOS  Q-CHIP  Netsol  MT.MOSET  SMART	HG1512M3ED2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXi25 V73CAG01888RA J9 V59C1G02168QB QN3R256M16M-16G  S58G2G2DCM5-MGCJ  ED3E25608CE-P9  S8E2G0846C-HYH9 S4E2G0846D-HYK0  VP5TQ1G0835-F9		166 bit 246 bit 16 bit 16 bit 16 bit 26 bit 26 bit 26 bit 26 bit 26 bit 16 bit 17 bit 17 bit 18 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8 128M×8	LPDDR4  LPDDR4  DDR2  DDR3  DDR3  DDR3  LPDDR4  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 200bali 84bali 78bali 96bali 366bali 78bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	<b>√</b>	N/A	N/A	N/A T/A	巴西颗粒,国内用的
Q-CHIP Netsol MT.MOSET	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA II9 V59C1G02169QB  QN3R256M16M-16G  S58G2G2DCM5-MGCJ  S58G2G2DCM5-MGCJ  S482G0846C-HYH9 S482G0846C-HYH9 S482G0846C-HYH9 VP5TQ2G61835FP-P9		16G bit 24G bit 16 bit 16 bit 16 bit 16 bit 17 bit 17 bit 18 bit 18 bit 18 bit 19 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8 128M×8 128M×8 128M×8	LPDDR4X LPDDR4  DDR2 DDR3 DDR3 DDR3 LPDDR4  DDR3  DDR3 DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 200bali 200bali 84bali 84bali 96bali 96bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 96bali 96bali 96bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	√ √ T/A	N/A	N/A	N/A T/A	   世西顆粒、個內用的   不多
ProMOS  Q-CHIP  Netsol  MT.MOSET  SMART	HG1512M3ED2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXi25 V73CAG01888RA J9 V59C1G02168QB QN3R256M16M-16G  S58G2G2DCM5-MGCJ  ED3E25608CE-P9  S8E2G0846C-HYH9 S4E2G0846D-HYK0  VP5TQ1G0835-F9		166 bit 246 bit 16 bit 16 bit 16 bit 26 bit 26 bit 26 bit 26 bit 26 bit 16 bit 17 bit 17 bit 18 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8 128M×8	LPDDR4  LPDDR4  DDR2  DDR3  DDR3  DDR3  LPDDR4  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 200bali 84bali 78bali 96bali 366bali 78bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	√ √ √ T/A	N/A	N/A	N/A T/A	   世四颗粒、国內用的   不多
ProMOS  Q-CHIP  Netsol  MT.MOSET  SMART	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA II9 V59C1G02169QB  QN3R256M16M-16G  S58G2G2DCM5-MGCJ  S58G2G2DCM5-MGCJ  S482G0846C-HYH9 S482G0846C-HYH9 S482G0846C-HYH9 VP5TQ2G61835FP-P9		16G bit 24G bit 16 bit 16 bit 16 bit 16 bit 17 bit 17 bit 18 bit 18 bit 18 bit 19 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8 128M×8 128M×8 128M×8	LPDDR4X LPDDR4  DDR2 DDR3 DDR3 DDR3 LPDDR4  DDR3  DDR3 DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 200bali 200bali 84bali 84bali 96bali 96bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 96bali 96bali 96bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	√ √ √ T/A	N/A	N/A	N/A T/A	巴西颗粒,国内用的不多
ProMOS  Q-CHIP  Netsol  MT.MOSET  SMART	HG512M32D2PDA1-H2 HG768M32D4LQM1-H1  V59C1G01168QBASXI25 V73CAG01808RA II9 V59C1G02169QB  QN3R256M16M-16G  S58G2G2DCM5-MGCJ  S58G2G2DCM5-MGCJ  S482G0846C-HYH9 S482G0846C-HYH9 S482G0846C-HYH9 VP5TQ2G61835FP-P9		16G bit 24G bit 16 bit 16 bit 16 bit 16 bit 17 bit 17 bit 18 bit 18 bit 18 bit 19 bit	512M×32 768M×32 768M×32 64M×16 128M×8 128M×16 256M×16 512M×64 256M×8 256M×8 128M×8 128M×8 128M×8	LPDDR4X LPDDR4  DDR2 DDR3 DDR3 DDR3 LPDDR4  DDR3  DDR3 DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3  DDR3	200bali 200bali 200bali 200bali 200bali 200bali 84bali 84bali 96bali 96bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 78bali 96bali 96bali 96bali				N/A				N/A N/A	N/A N/A		N/A N/A		N/A N/A T/A T/A	N/A N/A	√ √ √ T/A	N/A	N/A	N/A T/A	巴西颗粒,国内用的不多



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Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RK3308/ RK3308B-S	RK3228H R	RK3399 R	K3328 R	2K3326S/ 2X30S	RK3326/ PX30	RK1808/ RK1806	RK3399I	PRO PU_RA R	K3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5	RK290x RK2918	028A/RK312 8/PX3-SE	RK2926/RK3026, RK3036/RK30360 /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RE兼容情况
Micron	MT41K256M16TW-107 IT:P(D9SHG)		4G bit	256M×16	DDR3L	96ball							T/A					T/A								
1	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								
UnilC	SCB13H8G162BF-13KI		8G bit	512M×16	DDR3L	96ball					1		T/A			_		T/A								1
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