

Rockchip Solutions DDR SDRAM Support List

Ver 2.46

2021/1/29

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 '-', which the first second part usually means data rate. We don't care about the second part.
- ◆ RockChip platform can support all the chips that match the first part of Part Number which marks '√' or 'T/A', and do not need to care the second part.
If you want your system running more effective , you may need to find out the exact data rate in DRAM datasheet and config in kernel menuconfig.
- ◆ Please copy the Rockchip reference design model of DRAM area PCB Layout directly without any modification and follow the PCB layout rules from Rockchip. Contact information: fae@rock-chips.com
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◆Application Note:

[1] Because lack of Address pin A15 in package, following SoCs do not support the 512M*8 DDR3: RK2906-6,RK2906-8,RK3066.

[2] Only support for RK3128.

[3] The DRAM's VDD and VDDQ should powered by 1.5V when it used on these SoCs.

[4] It can work stably on RK3399 with loader version `rk3399_dds_XXXMHz_v1.22.bin` and trust version `rk3399_bl31_v1.28.elf`. On RK3399pro, loader should be updated to `rk3399pro_dds_XXXMHz_v1.22.bin`, trust version should be updated to `rk3399pro_bl31_v1.28.elf`. Or the later version than all above.

[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_dds_400MHz_vX.XX.bin` to merge loader.

◆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_LP35178P132SD4_V11_20180301FZB
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_YWQ
RV1126/RV1109	DDR3/DDR3L/DDR4/LPDDR3/LPDDR4	RV1126/1109_EVB_DDR3216SD6_v10_20191219LXF

◆ 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, IMD512M16R4AZD8J, H9CCNNNN8PUMLHR, H9CCNNNN8JMLAR, H9CKNNNN8PUMRLR, H9CKNNNN8PUMRPR 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

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

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/ RK3566	RV1126/ RV1109	RV1108/ RK3308	RK3228H	RK3399	RK3328	RK3326/ PX30	RK1808/ RK1806	CPU RAM	NPU RAM	RK3399PRO	RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK2908/RK2918	RK2928/RK3028A/RK3128/PX3-SE	RK2926/RK3026G/RK3126	RK3066/RK3066A/PX2/RK3168/RK3168/PX3	与顾客情况
Micron	MT47H64M16HR-25		1G bit	64M×16	DDR2	84ball														✓				
	MT41J128M8JP-15E-G(D9MNL)		1G bit	128M×8	DDR3	78ball														✓				
	MT41K128M8DA-107J(D9RDL)		1G bit	128M×8	DDR3L	78ball																		T/A
	MT41K64M16TW-107J(D9SFT)		1G bit	64M×16	DDR3L	96ball			T/A															
	MT41J128M16HA-15E-D(D9LGG)		2G bit	128M×16	DDR3	96ball														✓				
	MT41J256M8HX-15E-D(D9LGG)		2G bit	256M×8	DDR3	78ball												T/A		✓	T/A	T/A	T/A	T/A
	MT41K256M8DA-125-K(D9PSH)		2G bit	256M×8	DDR3L	78ball												T/A		✓	T/A	T/A	T/A	T/A
	MT41K256M8DA-125-M(D9PEJ)		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	T/A
	MT41K128M16JT-107-K(D9PSZ)		2G bit	128M×16	DDR3L	96ball		T/A						T/A				T/A						
	MT41K512M8RH-125-E(D9QBJ)		4G bit	512M×8	DDR3L	78ball												T/A			T/A	T/A	T/A	T/A ⁽¹⁾
	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														✓				
	MT41K256M16HA-125-E(D9PVX)		4G bit	256M×16	DDR3L	96ball												T/A		✓	T/A	T/A	T/A	T/A
	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
	MT41K256M16TW-107-P(D9SHD)		4G bit	256M×16	DDR3L	96ball		T/A	T/A	T/A	T/A	T/A	T/A	T/A				T/A	T/A					T/A
	MT41K256M16TW-107-IT-P(D9SHG)		4G bit	256M×16	DDR3L	96ball																		
	MT41K512M16HA-125-A(D9STQ)	EOL	8G bit	512M×16	DDR3L	96ball					✓							T/A						
	MT41K512M16HA-107-A(D9SDQ)	EOL	8G bit	512M×16	DDR3L	96ball																		T/A
	MT40A256M16GE-083E-B(D9TGC)	EOL	4G bit	256M×16	DDR4	96ball				T/A		T/A		T/A				T/A						
	MT40A256M16GE-075E-B(D9TGS)		4G bit	256M×16	DDR4	96ball			T/A				T/A					T/A						
	MT40A512M16TB-062E-B(D9WWP)		8G bit	512M×16	DDR4	96ball		T/A					T/A					T/A						
	MT40A512M16Y-083E-B(D9TBN)		8G bit	512M×16	DDR4	96ball																		
	MT40A512M16LY-062E-E(D9WFF)		8G bit	512M×16	DDR4	96ball			T/A															
	MT40A1G16WBU-083E-B(D9TPH)		16G bit	1024M×16	DDR4	96ball				T/A		T/A		T/A										
	MT40A1G16KD-062E-E(D9ZFW)		16G bit	1024M×16	DDR4	96ball		T/A	T/A															
	MT42L128M32D1GU-25 WT-A(Z9QHJ)		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(D9QGG)		8G bit	128M×32×2Ch	LPDDR2	216ball																		N/A
	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	T/A	T/A	T/A						
	MT53E128M32D2DS-046 WT-A(D9WXR)		4G bit	128M×32	LPDDR4	200ball		T/A																
	MT53B256M32D2NP-062 WT-C(D9TFT)	EOL	8G bit	256M×32	LPDDR4	200ball					T/A						T/A							
	MT53E256M32D2DS-053 WT-B(D9WRB)		8G bit	256M×32	LPDDR4	200ball	T/A	T/A			T/A ⁽⁴⁾						T/A ⁽⁴⁾							
	MT53E384M32D2DS-053 WT-E(D9WRN)		12G bit	384M×32	LPDDR4	200ball		T/A																
	MT53B512M32D2NP-062 WT-C(D9TFW)	EOL	16G bit	512M×32	LPDDR4	200ball					T/A						T/A							
	MT53D512M32D2DS-053 WT-D(D9WHZ)		16G bit	512M×32	LPDDR4	200ball	T/A	T/A			T/A						T/A							
	MT53D1024M32D4DT-053 WT-D(D9WQG)		32G bit	1024M×32	LPDDR4	200ball	T/A	T/A																
	MT53B512M64D4NK-053 WT-C(D9TGF)	EOL	32G bit	512M×64	LPDDR4	366ball					T/A						T/A							
	MT53E512M64D4NK-046 WT-D(D9XPK)		32G bit	512M×64	LPDDR4	366ball					T/A						T/A							

兼容性好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/ RK3566	RV1126/ RV1109	RV1108/ RK3308	RK3228H	RK3399	RK3328	RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU RA M	RK3399PRO NPU RA M	RK3288	RK3368/RK322 8A/RK3228B/R K3229/PX5	RK2908/ RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026 /RK3036/RK303 6G/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与双兼容情况
Samsung	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														
	K4B1G1646I-Y**		1G bit	64M×16	DDR3L	96ball			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		✓				
	K4B2G1646Q		2G bit	128M×16	DDR3	96ball											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	T/A	T/A
	K4B4G0846E-C**		4G bit	512M×8	DDR3	78ball			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				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
	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
	K4B4G1646E-BMMA		4G bit	256M×16	DDR3L	96ball					T/A						T/A						
	K4B8G1646D-Y**	EOL	8G bit	512M×16	DDR3L	96ball				T/A	✓	T/A	T/A		T/A		T/A						
	K4A4G165WE-C**		4G bit	256M×16	DDR4	96ball								T/A		T/A							
	K4A4G165WF-C**		4G bit	256M×16	DDR4	96ball			T/A	T/A				T/A		T/A							
	K4A8G165WB-C**		8G bit	512M×16	DDR4	96ball			T/A	T/A				T/A		T/A							
	K4A8G165WC-C**		8G bit	512M×16	DDR4	96ball	T/A	T/A						T/A		T/A							
	K4A4G165WA-C**		16G bit	1024M×16	DDR4	96ball	T/A	T/A						T/A		T/A							
	K3PE0E000A-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball											T/A						N/A
	K3PE0E000M-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	216ball											T/A						N/A
	K4E8E304ED-EGCC		8G bit	256M×32	LPDDR3	178ball								T/A			T/A						
	K4E8E304EE-EGCE		8G bit	256M×32	LPDDR3	178ball					T/A					T/A							
	K4E8E324EB-AGCF		8G bit	256M×32	LPDDR3	168ball											T/A						
	K4E8E324EB-EGCF		8G bit	256M×32	LPDDR3	178ball				T/A	T/A	T/A	T/A				T/A						
	K3QF1F10DM-AGCE		8Gb/2Channel	128M×32×2Ch	LPDDR3	253ball											T/A						
	K3QF1F10EM-8GCF		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						
	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						
	K4E8E204EC-EG**		32G bit	1024M×32	LPDDR3	178ball		T/A		T/A		T/A	T/A	T/A		T/A	T/A						
	K3QF3F30BM-QGCF		16G bit	256M×32×2Ch	LPDDR3	216ball																	
	K3QF3F30BM-BGCF		16G bit	256M×32×2Ch	LPDDR3	216ball											T/A						
	K4F4E354HF-MG**		4G bit	128M×32	LPDDR4	200ball		T/A															
	K4F8E304HB-MG**		8G bit	256M×32	LPDDR4	200ball					T/A					T/A							
	K4F8E354HD-MG**		8G bit	256M×32	LPDDR4	200ball		T/A			T/A					T/A							
	K4F6E354HM-MG**		16G bit	512M×32	LPDDR4	200ball		T/A								T/A							
	K3RG2G20CM-MGJ	EOL	32G bit	512M×64	LPDDR4	366ball					T/A ^(H)					T/A ^(H)							

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

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/ RK3566	RV1126/ RV1109	RV1108/ RK3308	RK3228H	RK3399	RK3328	RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU RAM NPU RAM	RK3288	RK3368/RK332 8A/RK3228B/R K3229/PX5	RK290x RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026 /RK3036/RK303 6G/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与旺兼容情况	
Hynix	H5PS1G63CFP		1G bit	64M×16	DDR2	84ball												√					
	H5PS1G63EFR		1G bit	64M×16	DDR2	84ball												√					
	H5TQ1G83DFR		1G bit	128M×8	DDR3	78ball											T/A	√			T/A		
	H5TQ1G83TFR		1G bit	128M×8	DDR3	78ball												√					
	H5TQ2G83CFR		2G bit	256M×8	DDR3	78ball											√	√	√	√	√		
	H5TQ2G83BFR		2G bit	256M×8	DDR3	78ball											√	T/A	T/A	T/A	T/A		
	H5TQ2G83EFR		2G bit	256M×8	DDR3	78ball											T/A	T/A	T/A	T/A	T/A		
	H5TQ2G83FFR		2G bit	256M×8	DDR3	78ball												T/A	T/A	T/A	T/A		
	H5TQ2G83GFR	EOL	2G bit	256M×8	DDR3	78ball												T/A				T/A	
	H5TQ2G63BFR	EOL	2G bit	128M×16	DDR3	96ball												√				T/A	
	H5TQ2G63FFR	EOL	2G bit	128M×16	DDR3	96ball													T/A	T/A			
	H5TQ2G63GFR	EOL	2G bit	128M×16	DDR3L	96ball				T/A	T/A		T/A	T/A			T/A	T/A	√				T/A
	H5TQ2G63DFR	EOL	2G bit	128M×16	DDR3	96ball												T/A					T/A
	H5TQ4G83AFR	EOL	4G bit	512M×8	DDR3	78ball												T/A		T/A	T/A	T/A ⁽¹⁾	
	H5TQ4G83AFR	EOL	4G bit	512M×8	DDR3L	78ball												T/A				T/A ⁽¹⁾	
	H5TQ4G83MFR	EOL	4G bit	512M×8	DDR3	78ball												T/A		T/A	T/A	T/A ⁽¹⁾	
	H5TQ4G83BFR	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	
	H5TQ4G63AFR	EOL	4G bit	256M×16	DDR3L	96ball												T/A			T/A	T/A	
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3L	96ball												T/A		T/A	T/A	T/A	
	H5TQ4G63CFR		4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A	T/A	T/A		T/A		T/A					T/A
	H5TQ4G63CFR		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
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3	96ball																	
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3	96ball																	
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3L	96ball																	
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3L	96ball																	
	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						
	H5AN8G6NAFR	EOL	8G bit	512M×16	DDR4	96ball					T/A		T/A	T/A	T/A		T/A						
	H5AN8G6NCJR		8G bit	512M×16	DDR4	96ball			T/A				T/A	T/A	T/A		T/A						
	H5AN8G6NDJR		8G bit	512M×16	DDR4	96ball					T/A		T/A	T/A	T/A		T/A						
	H5AN8G6NAMR		16G bit	1024M×16	DDR4	96ball			T/A		T/A		T/A	T/A	T/A		T/A						
	H5AN8G6NCMR		16G bit	1024M×16	DDR4	96ball			T/A		T/A		T/A	T/A	T/A		T/A						
	H9TCN8G6NCMR		8Gb/2CS	256M×32	LPDDR2	134ball												T/A				T/A	
	H8TJR00X0MLR		8Gb/2CS	256M×32	LPDDR2	168ball												T/A				T/A	
	H9TKNN8KDMQPQR		8Gb/2Channel	128M×32×2Ch	LPDDR2	216ball														T/A ⁽²⁾			
	H9TKNN8BPDMRAR		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball																N/A	
	H9CCNN8J7ALAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8G7MLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
	H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A					
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball												T/A						
H9CCNN8J7TLAR	EOL	8G bit	256M×32	LPDDR3	178ball									</									

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/ RK3566	RV1126/ RV1109	RV1108/ RK3308	RK3228H	RK3399	RK3328	RK3326/ PK30	RK1808/ RK1806	RK3399PRO CPU RAM NPU RAM	RK3288	RK3368/RK3228A/ RK3228B/RK3229/PX5	RK2908/ RK2918	RK2928/RK3028A/ RK3128/PX3-SE	RK2926/RK3026 /RK3036/RK3036G/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与顾客情况
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								T/A			T/A		
	NT5CC64M16GP		1G bit	64M×16	DDR3L	96ball			T/A													
	NT5CB128M8DN		1G bit	128M×8	DDR3	96ball												✓				
	NT5CC128M8DN		1G bit	128M×8	DDR3L	78ball										T/A		✓			T/A	
	NT5CB128M8FN		1G bit	128M×8	DDR3	78ball										T/A					T/A	
	NT5CC128M8GN		1G bit	128M×8	DDR3L	78ball															T/A	
	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	
	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
	NT5CB128M16BP		2G bit	128M×16	DDR3	96ball										T/A		✓	T/A	T/A	T/A	
	NT5CC128M16HP		2G bit	128M×16	DDR3	96ball										T/A		✓				T/A
	NT5CC128M16BP		2G bit	128M×16	DDR3L	96ball												✓				T/A
	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	T/A	
	NT5CB128M16IP	EOL	2G bit	128M×16	DDR3	96ball			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				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	T/A	T/A	
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball																
	NT5CB512M8BN		4G bit	512M×8	DDR3	78ball										T/A						T/A ⁽¹⁾
	NT5CC512M8CN		4G bit	512M×8	DDR3L	78ball										T/A						T/A ⁽¹⁾
	NT5CC512M8DN		4G bit	512M×8	DDR3L	78ball			T/A	T/A		T/A	T/A									T/A
	NT5CC512M8EN		4G bit	512M×8	DDR3L	78ball			T/A								T/A					T/A
	NT5CB256M16BP		4G bit	256M×16	DDR3	96ball										T/A		✓	T/A	T/A	T/A	
	NT5CB256M16CP	EOL	4G bit	256M×16	DDR3	96ball										T/A						T/A
	NT5CB256M16DP	EOL	4G bit	256M×16	DDR3	96ball										T/A						T/A
	NT5CB256M16EP		4G bit	256M×16	DDR3	96ball		T/A	T/A	T/A	T/A	T/A	T/A		T/A							
	NT5CC256M16CP	EOL	4G bit	256M×16	DDR3L	96ball										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
	NT5CC256M16EP		4G bit	256M×16	DDR3L	96ball			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
	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						
	NT5AD256M16D4		4G bit	256M×16	DDR4	96ball		T/A		T/A			T/A		T/A							
	NT5AD512M16A4		8G bit	512M×16	DDR4	96ball								T/A		T/A						
Nanya	NT6TL128M32AQ		4G bit	128M×32	LPDDR2	168ball											T/A					T/A
	NT6TL256T32AI		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
	NT6CL128M32BM		4G bit	128M×32	LPDDR3	178ball											T/A					
	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				T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A					
	NT6CL256T32BM		8G bit	256M×32	LPDDR3	178ball				T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A					
	NT6CL256M32AM		8G bit	256M×32	LPDDR3	178ball		T/A								T/A						
	NT6CL512T32AM		16G bit	512M×32	LPDDR3	178ball		T/A		T/A ⁽⁵⁾	T/A	T/A ⁽⁵⁾				T/A						
	NT6CL256T32AQ		8G bit	256M×32	LPDDR3	168ball																
	NT6AN256T32AV		8G bit	256M×32	LPDDR4	200ball					N/A				N/A							

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Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/RK3566	RV1126/RV1109	RV1108/RK3308	RK3228H	RK3399	RK3328	RK3326/PX30	RK1808/RK1806	RK3399PRO CPU RAM NPU RAM	RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK290A/RK2918	RK2928/RK3028A/RK3128/PX3-SE	RK2926/RK3026/RK3036/RK3036G/RK3126	RK3066/RK3066A/PX2/RK3168/RK3168/PX3	与顾客情况
CXMT	CXDQ28FAMCG		4G bit	256M×16	DDR4	96ball		T/A		T/A ⁽⁶⁾		T/A ⁽⁶⁾										
	CXDQ38FAMCG		8G bit	512M×16	DDR4	96ball		T/A		T/A ⁽⁶⁾		T/A ⁽⁶⁾										
	CXDB4ABAM-MK		16G bit	512M×32	LPDDR4	200ball		T/A			T/A				T/A							
GigaDevice		CDQ28FAA-CE		4G bit	256M×16	DDR4							T/A									
ESMT	M14D1G1664A-1.8BG25D		1G bit	64M×16	DDR2	84ball			T/A													
	M15T1G1664A-DEBG2C		1G bit	64M×16	DDR3L	96ball		T/A	T/A													
	M15T1G1664A-DEBG2CS		1G bit	64M×16	DDR3L	96ball															T/A	
	M15T2G16128A-DEBG2L	EOL	2G bit	128M×16	DDR3L	96ball			T/A				N/A				T/A					
	M15T2G16128A-DEBG2LS		2G bit	128M×16	DDR3L	96ball		T/A	T/A				T/A	T/A		T/A	T/A					
	M15T4G16256A-DEBG2L	EOL	4G bit	256M×16	DDR3L	96ball				T/A		T/A	T/A									
	M15T4G16256A-DEBG2L	EOL	4G bit	256M×16	DDR3	96ball				N/A	N/A	N/A	N/A				N/A					
	M15T4G16256A-DEBG2G		4G bit	256M×16	DDR3L	96ball		T/A														
Unic	SCB15H1G160CF-13K		1G bit	64M×16	DDR3	96ball			T/A													
	SCN13H2G160AF-13K		2G bit	128M×16	DDR3	96ball													T/A			
	SCB13H2G160AF-11M		2G bit	128M×16	DDR3L	96ball																
	SCB15H2G160AF-13K	EOL	2G bit	128M×16	DDR3	96ball			T/A				T/A									
	SCB13H2G160EF-09N		2G bit	128M×16	DDR3L	96ball		T/A	T/A				T/A	T/A		T/A						
	SCB13H4G160AF-11M		4G bit	256M×16	DDR3L	96ball		T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A	T/A					
	HXB15H4G800AF-13K		4G bit	512M×8	DDR3	78ball			T/A								T/A	T/A				
	HXB13H4G160AF-13KT		4G bit	256M×16	DDR3	96ball			T/A								T/A	T/A			T/A	
	HX15H4G160AF-13K		4G bit	256M×16	DDR3	96ball					T/A								T/A		T/A	
	SCB13H8G162BF-11M		8G bit	512M×16	DDR3L	96ball		T/A		T/A	T/A	T/A	T/A				T/A					
	SCB13H8G162BF-13KJ		8G bit	512M×16	DDR3L	96ball					T/A						T/A					
SCSemicon	HXB18T1G160AF-25D		1G bit	64M×16	DDR2	84ball												√				
	HXB18T2G160AF-25D		2G bit	128M×16	DDR2	84ball												√				
	HXB15H2G800BF-15H		2G bit	256M×8	DDR3	78ball												N/A	T/A	N/A	T/A	
	HXB15H2G160CF-13K		2G bit	128M×16	DDR3	96ball													T/A			
	HXB15H4G800BF-15H		4G bit	512M×8	DDR3	78ball												N/A	T/A	N/A	T/A	
Winbond	W9751G6KB-25		512M bit	32M×16	DDR2	84ball			T/A													
	W971GG6SB-18		1G bit	64M×16	DDR2	84ball			T/A													
	W631GG6KB-12		1G bit	64M×16	DDR3	96ball			T/A									T/A				
	W631GG6MB-12	EOL	1G bit	64M×16	DDR3	96ball			T/A													
	W632GG6KB-15		2G bit	128M×16	DDR3	96ball													T/A		T/A	T/A
	W632GG6NB-12		2G bit	128M×16	DDR3	96ball				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Etron Tech	W66CL2NQUAH		4G bit	128M×32	LPDDR4	200ball		T/A														
	EM68B16CWP-A-25H		512M bit	32M×16	DDR2	84ball												√				
	EM68B16CWQ-18H		512M bit	32M×16	DDR2	84ball			T/A													
	EM68B16CQW-18H		512M bit	32M×16	DDR2	84ball			T/A													
	EM6GC16EWKG-12H		1G bit	64M×16	DDR3	96ball		T/A	T/A										T/A			
	EM6GC16EWKE-12H	EOL	2G bit	128M×16	DDR3	96ball			T/A													
	EM6GC16EWXD-12H	EOL	2G bit	128M×16	DDR3	96ball			T/A													
	EM6GD16EWKG-12H	EOL	2G bit	128M×16	DDR3	96ball			T/A										T/A			
	EM6GD16EWXF-12H	EOL	2G bit	128M×16	DDR3	96ball			T/A										T/A			
	EM6GD16EWBH-12H		2G bit	128M×16	DDR3	96ball								T/A		T/A			T/A			
	EM6GE16EW5B-15H		4G bit	256M×16	DDR3	96ball											T/A		T/A	T/A	T/A	
	EM6GE08EW8C-12H		4G bit	512M×8	DDR3	96ball													T/A	T/A		
	EM6GE16EWXC-12H		4G bit	256M×16	DDR3	96ball											T/A		T/A	T/A	T/A	
	EM6HE16EWXD-12H	EOL	4G bit	256M×16	DDR3L	96ball			T/A	T/A		T/A	T/A	T/A	T/A	T/A	T/A					
	EM6GE16EWXD-10H	EOL	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A		T/A	T/A	T/A	
	EM6GE16W5F-12H	EOL	4G bit	256M×16	DDR3	96ball				T/A		T/A	T/A	T/A	T/A	T/A						
	EM6HE16W5F-12H	EOL	4G bit	256M×16	DDR3L	96ball				T/A		T/A	T/A	T/A	T/A	T/A						
	EM6HE16WAKG-10H		4G bit	256M×16	DDR3L	96ball		T/A		T/A	T/A	T/A	T/A	T/A	T/A	T/A						
	EM6GE16WAKG-10H		4G bit	256M×16	DDR3	96ball		T/A			T/A											
	EM6GE16WAKA-08H		4G bit	256M×16	DDR4	96ball		T/A														

台湾颗粒厂商，兼容性较好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/ RK3566	RV1126/ RV1109	RV1108/ RK3308	RK3228H	RK3399	RK3328	RK3326/ PX30	RK1808/ RK1806	RK3399PRO		RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK2908/RK2918	RK2928/RK3028A/RK3128/PX3-SE	RK2926/RK3026/RK3036/RK3036G/RK3126	RK3066/RK3066A/PX2/RK3168/RK3188/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	
	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	
	A3T2GF40BBF-GM		2G bit	128M×16	DDR3	96ball														T/A				
	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball				T/A		T/A	T/A											
ISSI	IS43TR16640B-125KBL		1G bit	64M×16	DDR3	96ball			T/A															
	IS43TR16128C-125KBL		2G bit	128M×16	DDR3	96ball			T/A				T/A	T/A					T/A					
	IS43TR16512BL-125KBL		8G bit	512M×16	DDR3L	96ball					T/A					T/A					T/A			
nPM	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	
	PMF512816BBR-KADN		4G bit	256M×16	DDR3	96ball												T/A					T/A	
	PMF512816DBR-KADN		4G bit	256M×16	DDR3	96ball												T/A			T/A		T/A	
	PMF412816FBR-KADN		4G bit	256M×16	DDR3L	96ball												T/A						
Essencore	ISTQ4G63EFR		4G bit	256M×16	DDR3	96ball				T/A		T/A	T/A											
	EL38NMAAA1-PBER		8G bit	256M×32	LPDDR3	178ball					T/A					T/A								
	EL48PMB8B1-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	
SPECTEK	PE918-15E (PRN256M8V79DG8GQF-15E)		2G bit	256M×8	DDR3	78ball												T/A		T/A	T/A	T/A	T/A	
	PE936-15E (PRN256M8V89CG8GQF-15E)		2G bit	256M×8	DDR3	78ball													N/A		T/A	T/A	T/A	N/A
	PEB08-15E (PRN512M8V80AG8RHF-15E)		4G bit	512M×8	DDR3	78ball												T/A			T/A	T/A	T/A	T/A ⁽¹⁾
	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	
	PE047 (SUU256M16V90B8GLY-125TP)		4G bit	256M×16	DDR3	96ball																T/A		
	PE039 (SUU256M16V90B8GLY-125TP)		4G bit	256M×16	DDR3	96ball			T/A										T/A					
	Z9QH (SM128MX32U80MD1LGU-25FT)		4G bit	128M×32	LPDDR2	96ball												T/A					T/A	
	PB047 (S256M32V01MD1LPF-107BT)		8G bit	256M×32	LPDDR3	178ball				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					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 (SM512M64Z01MD4BNK)		32G bit	512M×64	LPDDR4	366ball						T/A						T/A						

MICRON子品牌，兼容性良好

Manufacturer	Part Number	Product Status	Density	Organization	Type	package	RK3568/RK3566	RV1126/RV1109	RV1108/RK3308	RK3228H	RK3399	RK3328	RK3326/PX30	RK1808/RK1806	RK3399PRO		RK3288	RK3368/RK3228A/RK3228B/RK3229/PX5	RK2904/RK2918	RK2928/RK3028A/RK3128/PX3-SE	RK2926/RK3026/RK3036/RK3036G/RK3126	RK3066/RK3066A/PX2/RK3168/RK3188/PX3	与双兼容情况
MIRA	P3R1GE4CFF-G8E		1G bit	64M×16	DDR2	84ball													✓				
	P3R1GE3GFG-G8E		1G bit	128M×8	DDR2	84ball													✓				
	P2P2GF4ALF-GGN		2G bit	128M×16	DDR3	96ball			T/A								T/A						
	P2P2GF4ALF-GJS		2G bit	128M×16	DDR3	96ball			T/A	T/A		T/A	T/A										
	P3P4GF3BLF-GGN		4G bit	512M×8	DDR3	78ball											N/A			T/A	N/A	N/A	
	P3P4GF4BLF-GGN		4G bit	256M×16	DDR3	96ball			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	P3P4GF4BLF-GJS		4G bit	256M×16	DDR3	96ball			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	P3P4GF4DMF-GJS		4G bit	256M×16	DDR3	96ball		T/A		T/A		T/A	T/A										
	P5M4GK4CMF-GMX		4G bit	256M×16	DDR4	96ball								T/A		T/A							
Kingston	D1216ECMDXGJD		2G bit	128M×16	DDR3L	96ball							T/A										
	D5128ETBPGGBU		4G bit	512M×8	DDR3	78ball											T/A						
	D2516EC4BXGGB	EOL	4G bit	256M×16	DDR3L	96ball			T/A [3]								T/A [3]		T/A [3]		T/A [3]		T/A [3]
	D2516ECMDXGJD		4G bit	256M×16	DDR3L	96ball			T/A	T/A		T/A	T/A	T/A			T/A		T/A		T/A		T/A
	D2516JC4BXGJD		4G bit	256M×16	DDR3	96ball											T/A						
	B5116ECMDXGJD		8G bit	512M×16	DDR3L	96ball					T/A						T/A						
	D2516ACPCXGRK		4G bit	256M×16	DDR4	96ball			T/A				T/A										
	D5116AH8CXGUM		8G bit	512M×16	DDR4	96ball			T/A		T/A												
	D2532LA3WLGJA		8G bit	256M×32	LPDDR3	178ball								T/A				T/A					
	D2532LA6MLGJA		8G bit	256M×32	LPDDR3	178ball				T/A		T/A	T/A				T/A						
	K823AADL3E08G		8G bit	512M×16	LPDDR3	178ball											T/A						
	D2516PC1CDGPLR		8G bit	256M×32	LPDDR4	200ball					T/A						T/A						
	Q5116PH1MDGPAR	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
	B5116PH3MDGPAR		16G bit	512M×32	LPDDR4	200ball			T/A								T/A						
FORESEE	F60C1A0002-M6		2G bit	128M×16	DDR3L	96ball			T/A	T/A				T/A			T/A			T/A			
	F60C1A0004-M7		4G bit	256M×16	DDR3L	96ball			T/A	T/A		T/A					T/A			T/A			
	F62C1A0004-M5		4G bit	256M×16	DDR4	96ball			T/A														
	FD4V10004-22		4G bit	256M×16	DDR4	96ball							T/A										
	NCLD3B2256M32		8G bit/ 2cs	256M×32	LPDDR3	178ball					T/A						T/A						
	NCLD4C1MA256M32		8G bit	256M×32	LPDDR4	200ball						T/A					T/A						
	NCLDXC1MG256M32		8G bit	256M×32	LPDDR4	200ball			T/A								T/A						
	NCLD4C2MA512M32	EOL	16G bit	512M×32	LPDDR4	200ball					T/A						T/A						
	NCLDXC1MC512M32		16G bit	512M×32	LPDDR4	200ball					T/A						T/A						
	NCLDXC1MJ512M32		16G bit	512M×32	LPDDR4	200ball			T/A								T/A						
BIWIN	BWPPD3X16A9B-04Gb		4G bit	256M×16	DDR3L	96ball			T/A	N/A		T/A					T/A						
	BW5DD4X16A9B-04Gb		4G bit	256M×16	DDR4	96ball			T/A														
	BW52L256M32D1PF		8G bit	256M×32	LPDDR3	178ball					T/A						T/A						
	BW52L512M32D2PF		16G bit	512M×32	LPDDR3	178ball								T/A			T/A						
	BWMD4X32H2A-08Gb		8G bit	256M×32	LPDDR4	200ball					N/A						N/A						
	BWMD4X32H2A-16Gb		16G bit	512M×32	LPDDR4	200ball					T/A						T/A						
RAYSON	RS128M32LD3D1LMZ-125BT		4G bit	128M×32	LPDDR3	178ball			T/A														
	RS256M32LD4D1ANP-75BT		8G bit	256M×32	LPDDR4	200ball						T/A					T/A						
	RS512M32LD4D2ANP-75BT		16G bit	512M×32	LPDDR4	200ball						T/A					T/A						
Dosisilcon	FM38E16SAB-9MGD		2G bit	128M×16	DDR3L	96ball			T/A				T/A										
	FM38F16SBB-9MGD		4G bit	256M×16	DDR3L	96ball							T/A										
ICMAX	IMD128M16R322J8LY		2G bit	128M×16	DDR3L	96ball							T/A										
	IMD256M16R30HG8GNF-107		4G bit	256M×16	DDR3	96ball					T/A						T/A						
	IMD256M16R324J8LY		4G bit	256M×16	DDR3L	96ball			T/A								T/A						
	IMD512M16R31AG8GPF		8G bit	512M×16	DDR3	96ball											T/A						
	IMD256M16RA4BD8LY		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
	IMD512M16RA4ZD8LY		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
	IMH256M32Z1D1DNP		8G bit	256M×32	LPDDR4	200ball			T/A								T/A						

256M16在RK3066, RK31xx平台上需要添加定频相关补丁。并且对参考层完整性要求较高，需要严格遵照我们的布板要求布板。

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