# Rockchip Solutions DDR SDRAM Support List

Ver 2.47

2021/4/16

# 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 part 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
- ◆ THIS DOCUMENT IS PROVIDED "AS IS". ROCKCHIP ELECTRONICS CO., LTD.( "ROCKCHIP") DOES NOT PROVIDE ANY WARRANTY OF ANY KIND, EXPRESSED, IMPLIED OR OTHERWISE, WITH RESPECT TO THE ACCURACY, RELIABILITY, COMPLETENESS, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR NON-INFRINGEMENT OF ANY REPRESENTATION, INFORMATION AND CONTENT IN THIS DOCUMENT. THIS DOCUMENT IS FOR REFERENCE ONLY. THIS DOCUMENT MAY BE UPDATED OR CHANGED WITHOUT ANY NOTICE AT ANY TIME DUE TO THE UPGRADES OF THE PRODUCT OR ANY OTHER REASONS.



### **\***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.



[6] The DDR must be boot from 400Mhz, please use XXXX\_ddr\_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_LP3S178P132SD4_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_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

## • 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,IMD512M16R4AZD8JY,H9HCNNNBPUMLHR, H9CCNNNBITMLAR,H9CKNNNBPTMRLR, H9CKNNNCPTMRPR to N/A. Add "Product Status".	2020.09.02
2.45	Add some supporting messages, change the order of manufacture.	2020.11.17
2.46	Add some supporting messages	2021.01.29
2.47	Add some supporting messages	2021.04.16

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



Manufacturer	Part Number	Product	Donath.	O	T		RK3568	RK3566	RV1126/ RV11	18/ DK22201	. BY2300	DK3330	RK3326/	RK1808/	RK33	99PRO	1V2200	RK3368/RK322	RK290x		RK2926/RK3026	RK3066/RK3066A/PX2	
Manutacturer	Part Number	Status	Density	Organization	Туре	package	KK3568	KK3566	RV1109 RK33	8 RK3228F	RK3399	KK3328	PX30	RK1806	CPU_RA M	NPU_RA M	RK3288	8A/RK3228B/R K3229/PX5	RK2918	8/PX3-SE	/RK3036/RK303 6G/RK3126	RK3168/RK3188/PX3	与RK兼容情况
	MT47H64M16HR-25		1G bit	64M×16	DDR2	84ball													✓				
	MT41J128M8JP-15E:G(D9MNL)		1G bit	128M×8	DDR3	78ball													- √				
	MT41K128M8DA-107:J(D9RDJ)		1G bit	128M×8	DDR3L	78ball																T/A	
	MT41K64M16TW-107:J (D9SFT)		1G bit	64M×16	DDR3L	96ball			T/.	1													
	MT41J128M16HA-15E:D(D9LGQ)		2G bit	128M×16	DDR3	96ball													√				
	MT41J256M8HX-15E:D(D9LGK)		2G bit	256M×8	DDR3	78ball											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	
	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													<b>V</b>				
	MT41K128M16JT-125:K(D9PTK)		2G bit	128M×16	DDR3L	96ball			T/								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(D9OBJ)		4G bit	512M×8	DDR3L	78ball			-7					.,		-,	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(D9PXV)		4G bit	256M×16	DDR3L	96ball											T/A		- √	T/A	T/A	T/A	
	MT41K256M16LY-107:N( D9SDD)		4G bit	256M×16	DDR3L	96ball			T/A T/	T/A	T/A	T/A	T/A		T/A		T/A	T/A		T/A	T/A	T/A	
	MT41K256M16TW-107:P(D9SHD)		4G bit	256M×16	DDR3L	96ball			T/A T/	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	DDR3I	96hall					T/A				T/A								
	MT41K512M16HA-125:A(D9STQ)	EOL	8G bit	512M×16	DDR3L	96ball					V				T/A								
	MT41K512M16HA-107:A(D9SDQ)	EOL	8G bit	512M×16	DDR3L	96ball									-,,		T/A					T/A	
	MT40A256M16GE-083E:B(D9TGQ)	EOL	4G bit	256M×16	DDR4	96ball				T/A		T/A		T/A		T/A	-,,					.,	
licron	MT40A256M16GE-075E:B (D9TGS)		4G bit	256M×16	DDR4	96ball			T/A				T/A	T/A		T/A							兼容
	MT40A512M16TB-062E:J(D9WWP)		8G bit	512M×16	DDR4	96ball	T/A	T/A	T/A					T/A		T/A							
	MT40A512M16JY-083E:B(D9TBK)		8G bit	512M×16	DDR4	96ball	T/A	T/A		T/A		T/A											
	MT40A512M16LY-062E:E(D9WFJ)		8G bit	512M×16	DDR4	96ball			T/A														
	MT40A1G16WBU-083E:B(D9TPH)		16G bit	1024M×16	DDR4	96ball				T/A		T/A		T/A		T/A							
	MT40A1G16KD-062E:E(D9ZFW)		16G bit	1024M×16	DDR4	96ball	T/A	T/A	T/A														
		•	•				•			•	•	•	•	•	•			•	•	•	•		
	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/	١													
	MT42L128M64D2LL-25 WT:A(D9QQG)		8G bit	128M×32×2Ch	LPDDR2	216ball											T/A					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						
	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					
	MT53E128M32D2DS- 046 WT:A(D9WXR)		4G bit	128M×32	LPDDR4/LPDDR4X	200ball			T/A														
	MT53B256M32D1NP-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/LPDDR4X	200ball		T/A	T/A		T/A [4]				T/A [4]								
	MT53E256M32D2FW-046 WT:B (DRZKT)		8G bit	256M×32	LPDDR4/LPDDR4X	200ball			T/A														
	MT53E384M32D2DS-053 WT:E (D9WRN)		12G bit	384M×32	LPDDR4/LPDDR4X	200ball			T/A														
	MT53B512M32D2NP-062 WT:C(D9TFW)	EOL	16G bit	512M×32	LPDDR4	200ball	1				T/A				T/A								_
	MT53D512M32D2DS-053 WT:D(D9WHZ)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		T/A	T/A		T/A				T/A								
	MT53E512M32D2NP-046 WT:E (D9WGB)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball					T/A				T/A								
	MT53D1024M32D4DT-053 WT:D(D9WQG)		32G bit	1024M×32	LPDDR4/LPDDR4X	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	1	1			T/A	1	1		T/A				1			· · · · · · · · · · · · · · · · · · ·	



		Product							RV1126/	RV1108/				RK3326/	RK1808/	RK33	99PRO		RK3368/RK322			RK2926/RK3026		
nufacturer	Part Number	Status	Density	Organization	Туре	package	RK3568	RK3566			RK3228H	RK3399	RK3328	PX30	RK1806	CPU_RA M	NPU_RA M	RK3288	8A/RK3228B/R K3229/PX5	RK2918	028A/RK312 8/PX3-SE	/RK3036/RK303 6G/RK3126	RK3168/RK3188/PX3	与RK兼容情况
	K4T1G164QE		1G bit	64M×16	DDR2	84ball	The state of the s													√				
	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														<b>√</b>				
	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					
	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		<b>√</b>	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	
	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	
	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								
	K4B8G1646D-*Y**	EOL	8G bit	512M×16	DDR3L	96ball					T/A	- ✓	T/A	T/A		<b>√</b>		T/A						
	K4A4G165WE-*C**		4G bit	256M×16	DDR4	96ball					T/A		T/A	T/A	T/A		T/A							
	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																兼容
	K4A8G165WB-*C**		8G bit	512M×16	DDR4	96ball	T/A	T/A	T/A		T/A		T/A		T/A		T/A							K3PE0E000N
ing	K4A8G165WC-*C**		8G bit	512M×16	DDR4	96ball	T/A	T/A	T/A						T/A		T/A							为15
9	K4AAG165WA-*C**		16G bit	1024Mx16	DDR4	96ball	T/A	T/A	T/A						T/A		T/A							K3PE0E000
	K3PE0E000A-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball												T/A					N/A	需要記
	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	T/A	T/A					
	K4E8E304EE-EGCE		8G bit	256M×32	LPDDR3	178ball						T/A				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		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	1		1								1	T/A		1				4
	K4E6E304EE-EGCE	EOL	16G bit	512M×32	LPDDR3	178ball					T/A	<b>-</b>	T/A		<b></b>	<b>!</b>	<b>-</b>	T/A	T/A					
	K4E6E304EB-EGCF		16G bit	512M×32 512M×32	LPDDR3	178ball		7/4	1		T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A	1				
	K4E6E304EC-EG**		16G bit		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	1		T/A			T/A			T/A	T/A	T/A	T/A		1				
	K4EBE304EC-EG**		32G bit	1024M×32	LPDDR3	178ball	-		T/A		T/A		T/A	T/A			_	<b></b>		_				
	K3QF3F30BM-QGCF		16G bit	256M×32×2Ch	LPDDR3	216ball											_	T/A						4
	K3QF3F30BM-BGCF		16G bit	256M×32×2Ch	LPDDR3	216ball				-		-			-		-	T/A						
	K4F4E3S4HF-MG**		4G bit	128M×32	LPDDR4	200ball	1		T/A			<u> </u>				<b></b>	1			1				
	K4F8E304HB-MG**		8G bit	256M×32	LPDDR4	200ball			T/A			T/A				T/A								
	K4F8E3S4HD-MG**		8G bit	256M×32	LPDDR4	200ball			T/A			T/A				T/A	_							4
	K4F6E3S4HM-MG**		16G bit	512M×32	LPDDR4	200ball			T/A			T/A				T/A								
	K4U8E3S4AD-MG**		8G bit 16G bit	256M×32 512M×32	LPDDR4X LPDDR4X	200ball 200ball	7/4	7/4	T/A															
	K4U6E3S4AA-MG**	501				200ball 366ball	T/A	T/A				[4]				[40				<u> </u>				
	K3RG2G20CM-MGCJ	EOL	32G bit	512M×64	LPDDR4	366ball						T/A [4]				T/A [4]								



		Product							RV1126/ RV1108/		1 T		RK3326/	RK1808/	RK339		RK3368/RI		290x R	K2928/RK3	RK2926/RK3026	RK3066/RK3066A/PX2	
Manufacturer	Part Number	Status	Density	Organization	Туре	package	RK3568	RK3566	RV1126/ RV1108/ RV1109 RK3308	RK3228H	RK3399 R			RK1806	CPU_RA M	NPU_RA RK	288 8A/RK3228 K3229/PX5	B/R DV	2010 0	28A/RK312 8/PX3-SE	/RK3036/RK303 6G/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RK兼容情况
	H5PS1G63CFP		1G bit	64M×16	DDR2	84ball													<b>√</b>				
	H5PS1G63EFR		1G bit	64M×16	DDR2	84ball													√				
	H5TQ1G83DFR		1G bit	128M×8	DDR3	78ball										1	/A		√			T/A	
	H5TQ1G83TFR		1G bit	128M×8	DDR3	78ball													✓				
	H5TQ2G83CFR		2G bit	256M×8	DDR3	78ball											<b>V</b>		✓	<b>√</b>	<b>√</b>	<b>√</b>	
	H5TQ2G83BFR		2G bit	256M×8	DDR3	78ball											<b>V</b>		T/A	T/A	T/A	√	
	H5TQ2G83EFR		2G bit	256M×8	DDR3	78ball										1	/A	1	T/A	T/A	T/A	T/A	
	H5TQ2G83FFR		2G bit	256M×8	DDR3	78ball														T/A	T/A		
	H5TQ2G83GFR	EOL	2G bit	256M×8	DDR3	78ball											/A					T/A	
	H5TQ2G63BFR	EOL	2G bit	128M×16	DDR3	96ball													√				
	H5TQ2G63FFR	EOL	2G bit	128M×16	DDR3	96ball				- ·		-/A	7/4					_		T/A	T/A	7/4	
	H5TQ2G63GFR	EOL	2G bit	128M×16 128M×16	DDR3	96ball			T/A	T/A		T/A	T/A	7/4			/A T/A			T/A	T/A	T/A	
	H5TC2G63GFR	EOL	2G bit		DDR3L	96ball			T/A					T/A		T/A	T/A		,			7/4	
	H5TQ2G63DFR	EOL	2G bit	128M×16	DDR3	96ball											/A	_	√			T/A	
	H5TQ4G83AFR	EOL	4G bit	512M×8	DDR3	78ball											/A			T/A	T/A	T/A [1]	
	H5TC4G83AFR	EOL	4G bit	512M×8	DDR3L	78ball										1	/A					T/A [1]	
	H5TQ4G83MFR	EOL	4G bit	512M×8	DDR3	78ball										1	/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										1	/A		<b>√</b>	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	1	/A T/A		T/A	T/A	T/A	T/A	
	H5TC4G63AFR	EOL	4G bit	256M×16	DDR3L	96ball										1	/A			T/A	T/A	T/A	
Hynix	H5TC4G63CFR	EOL	4G bit	256M×16	DDR3L	96ball			T/A	T/A		T/A	T/A			1	/A T/A					T/A	
TIYILIX	H5TC4G63EFR		4G bit	256M×16	DDR3L	96ball			T/A T/A	T/A			T/A		T/A		/A T/A					T/A	
	H5TQ4G63EFR		4G bit	256M×16	DDR3	96ball			T/A T/A	T/A			T/A	T/A	T/A		/A T/A						
	H5TQ4G63CFR	EOL	4G bit	256M×16	DDR3	96ball			T/A	T/A		T/A	T/A		T/A	1	/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											/A						兼容性好
	H5AN4G6NAFR	EOL	4G bit	256M×16	DDR4	96ball				T/A		T/A		T/A		T/A							AK-II II.A
	H5AN4G6NBJR H5AN8G6NAFR	EOL	4G bit 8G bit	256M×16 512M×16	DDR4 DDR4	96ball 96ball			T/A	T/A		T/A	T/A	T/A T/A		T/A T/A							
	H5AN8G6NCJR	EUL	8G bit	512M×16	DDR4	96ball	T/A	T/A	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	1/A		1/A							
	H5ANAG6NAMR		16G bit/2cs	1024M×16	DDR4	96ball	T/A	T/A	T/A	1/A			T/A	T/A		T/A							
	H5ANAG6NCMR		16G bit/2cs	1024M×16	DDR4	96ball	T/A	T/A					1/6	1/8		1/6							
					1==		.,	.,	4		1												
	H9TCNNN8JDMMPR		8Gb/2CS	256M×32	LPDDR2	134ball										1	/A					T/A	
	H8TJR00X0MLR		8Gb/2CS	256M×32	LPDDR2	168ball										1	/A					T/A	
	H9TKNNN8KDMPQR		8Gb/2Channel	128M×32×2Ch	LPDDR2	216ball														T/A [2]			
	H9TKNNNBPDMRAR		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball											/A			.,,		N/A	
	H9CCNNN8JTALAR	EOL	8G bit	256M×32	LPDDR3	178ball											/A					.,,.,	
	H9CCNNN8GTMLAR	EOL	8G bit	256M×32	LPDDR3	178ball				T/A	T/A	T/A	T/A		T/A		/A						
	H9CCNNN8JTMLAR	EOL	8G bit	256M×32	LPDDR3	178ball				N/A	N/A	N/A	N/A	N/A	N/A	N/A I	/A N/A	1	N/A	N/A	N/A	N/A	
	H9CCNNNBJTALAR	EOL	16G bit	512M×32	LPDDR3	178ball				T/A	T/A	T/A	T/A		T/A								
	H9CCNNNBLTALAR	EOL	16G bit	512M×32	LPDDR3	178ball				T/A			T/A				/A						1
	H9CCNNNBJTMLAR	EOL	16G bit	512M×32	LPDDR3	178ball				N/A	N/A	N/A			N/A	1	/A N/A	- 1	N/A	N/A	N/A	N/A	
	H9CKNNNBPTMRLR	EOL	16G bit	512M×32	LPDDR3	216ball				N/A	N/A	N/A	N/A	N/A	N/A	N/A I	/A N/A	1	N/A	N/A	N/A	N/A	
	H9CKNNNCPTMRPR	EOL	32G bit	1024M×32	LPDDR3	256ball				N/A	N/A	N/A	N/A	N/A	N/A	N/A I	/A N/A	I	N/A	N/A	N/A	N/A	
	H9HCNNN8KUMLHR	EOL	8G bit	256M×32	LPDDR4	200ball					N/A				N/A								
	H9HCNNNBPUMLHR		16G bit	512M×32	LPDDR4	200ball					N/A				N/A							,	
	H9HCNNNBKUMLHR		16G bit	512M×32	LPDDR4	200ball			T/A		T/A				T/A								<b></b>
	H9HCNNNBKUMLXR		16G bit	512M×32	LPDDR4	200ball		T/A			T/A				T/A								
	H9HCNNNBKMMLHR		16G bit	512M×32	LPDDR4X	200ball		T/A	T/A														
	H9HKNNNDBUMUBR	EOL	24G bit	384M×64	LPDDR4	366ball					N/A				N/A								
	H9HKNNNCUUMUBR	EOL	32G bit	512M×64	LPDDR4	366ball					N/A				N/A								
	H9HKNNNCTUMUBR	EOL	32G bit	512M×64	LPDDR4	366ball					T/A				T/A								



Manufacturer	Part Number	Product			L		RK3568	RK3566	RV1126/	RV1108/				RK3326/			99PRO	RK3288	RK3368/RK322 8A/RK3228B/R		028A/RK3			
nutacturer	Part Number	Status	Density	Organization	Туре	package	KK3568	KK3566	RV1109	RK3308	RK3228H	KK3399	KK3328	PX30	RK1806	CPU_RA	NPU_RA	KK3288	K3229/PX5	RK2918	8/PX3-SE		RK3168/RK3188/PX3	与RE兼容情
	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 NT5CB256M8GN		1G bit 2G bit	128M×8 256M×8	DDR3L DDR3	78ball 78ball														<del></del>	7/4	7/4	T/A T/A	
	NTSCB256M8BN		2G bit	256M×8	DDR3	78ball	_											T/A T/A		٧.	T/A	T/A T/A	T/A	
	NT5CB256M8FN		2G bit	256M×8	DDR3	78ball	_											T/A		√ √	T/A T/A	T/A	T/A	
	NT5CB256M8IN		2G bit	256M×8	DDR3	78ball	_			T/A	T/A		T/A	T/A				1/A	T/A	V	1/4	1/A	1/A	
	NT5CC256M8IN		2G bit	256M×8	DDR3L	78ball				T/A	T/A		T/A	T/A					T/A	-	+		T/A	
	NT5CB128M16BP		2G bit	128M×16	DDR3	96ball	_			1/A	1/A		1/A	I/A				T/A	1/A	V	T/A	T/A	T/A	
	NT5CB128M16HP		2G bit	128M×16	DDR3	96ball												T/A		T/A	1//	1/8	T/A	
	NT5CC128M16BP		2G bit	128M×16	DDR3L	96ball												1/A		·/~			1/8	-
	NT5CB128M16FP		2G bit	128M×16	DDR3	96ball												T/A		V	T/A	T/A	T/A	
	NT5CC128M16IP	EOL	2G bit	128M×16	DDR3L	96ball				T/A								T/A	T/A	<del></del>	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				-,				-,,	7		-,		7	
	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					
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball				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>	
	NT5CC512M8CN		4G bit	512M×8	DDR3L	78ball												T/A		1	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		.,,,	1,7.5	T/A	
Nanya	NT5CC512M8EN		4G bit	512M×8	DDR3L	78ball	_			T/A	1/A		1/A	I/A					T/A	-	+		1/A	兼容
,-	NT5CB256M16BP		4G bit	256M×16	DDR3	96ball				1/A								T/A	1/A	<b>V</b>	T/A	T/A	T/A	AK-13*
	NT5CB256M16CP	EOL	4G bit	256M×16	DDR3	96ball												T/A		v	T/A	T/A	T/A	
	NT5CB256M16DP	EOL	4G bit	256M×16	DDR3	96ball												T/A			1,7.	1,15	","	
	NT5CB256M16EP	202	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A	T/A	T/A		T/A		.,,,	T/A	1				
	NT5CC256M16CP	EOL	4G bit	256M×16	DDR3L	96ball			- 7.4	1,7.5	1/11	-,-	1,7-1	.,,,,		1,7~		T/A	.,	T/A	T/A	T/A	T/A	
	NT5CC256M16DP	EOL	4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A	T/A	T/A		T/A		T/A	T/A		T/A	T/A	T/A	
	NT5CC256M16EP		4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A				T/A		T/A	T/A		T/A	,,	T/A	
	NT5CC256M16ER		4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A	T/A	T/A		T/A		T/A	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							
	NT5AD512M16A4		8G bit	512M×16	DDR4	96ball									T/A		T/A							
	NT5AD512M16C4		8G bit	512M×16	DDR4	96ball		T/A																
	NT6TL128M32AO		4G bit	128M×32	LPDDR2	168ball			1			1				1	1	T/A					T/A	
	NT6TL256F32AI		8G bit	256M×32	LPDDR2	134ball												T/A					T/A	-
	NT6TL256T32AI		8G bit	256M×32	LPDDR2	134ball	+											T/A	1	1	+		T/A	-
	NT6TL256T32AQ		8G bit	256M×32	LPDDR2	168ball	+											T/A					T/A	-
	NT6CL128M32BM		4G bit	128M×32	LPDDR2	178ball												T/A	<b>—</b>				1/5	-
	NT6CL128M32CM		4G bit	128M×32	LPDDR3	178ball	1					T/A			T/A	T/A	T/A	1/4		_	_			-
	NT6CL128M32DM		4G bit	128M×32	LPDDR3	178ball			T/A			T/A			T/A		T/A		<b>—</b>					-
	NT6CL256T32CM		8G bit	256M×32	LPDDR3	178ball	1		-,,-		T/A	T/A	T/A	T/A	T/A					_	_			-
	NT6CL256T32BM		8G bit	256M×32	LPDDR3	178ball			<del>                                     </del>		T/A	T/A	T/A	T/A	T/A	T/A		T/A	T/A		1			1
	NT6CL256M32AM		8G bit	256M×32	LPDDR3	178ball			T/A		T/A	T/A	T/A	T/A	-,,-	T/A	-,,-	T/A	T/A					
	NT6CL512T32AM		16G bit	512M×32	LPDDR3	178ball			T/A		T/A [5]	T/A	T/A [5]	.,,,		T/A		T/A [5]	T/A		_			1
	NT6CL256T32AQ		8G bit	256M×32	LPDDR3	168ball			1/1		1/A**	1/4	1/A."			1//	-	1/A**	T/A	_	_			-
	NT6AN256T32AV		8G bit	256M×32 256M×32	LPDDR3	168ball 200ball	+					N/A				N/A	_		I/A			_		-
	NT6AP512T32AV		16G bit	512M×32	LPDDR4X	200ball			T/A			IV/A				14/A				_	_			



		Product							RV1126/	RV1108/			Rk	K3326/ R	K1808/	RK3399			RK3368/RK322	RK290x	RK2928/RK3	RK2926/RK3026	RK3066/RK3066A/PX2	
Manufacturer	Part Number	Status	Density	Organization	Туре	package	RK3568	RK3566	RV1109	RK3308	RK3228H	RK3399 R				PU_RA N	NPU_RA	RK3288	8A/RK3228B/R K3229/PX5	RK2918	028A/RK312 8/PX3-SE	/RK3036/RK303 6G/RK3126	RK3168/RK3188/PX3	与RE兼容情况
	CXDQ2BFAMCG		4G bit	256M×16	DDR4	96ball		T/A	T/A		T/A [6]		T/A <sup>[6]</sup>		м	1 N	М		KJZZJ/FAJ		0/FA3-3E	0G/RK3120		
	CXDQ3BFAMCG CXDQ3BFAMCG		8G bit	512M×16	DDR4	96ball		T/A	T/A		T/A <sup>[6]</sup>		/A <sup>(6)</sup>											
CXMT	CXDB3ABAM-MK		8G bit	256M×32	LPDDR4	200ball			T/A		1/8		//											
	CXDB4ABAM-MK		16G bit	512M×32	LPDDR4	200ball			T/A			T/A				T/A								
iigaDevice	GDQ2BFAA-CE		4G bit	256M×16	DDR4	96ball	T/A	T/A						T/A										
	M14D1G1664A-1.8BG2S M15T1G1664A-DEBG2C		1G bit	64M×16	DDR2	84ball				T/A														
	M15T1G1664A-DEBG2C		1G bit	64M×16	DDR3L	96ball			T/A	T/A														
	M15T1G1664A-DEBG2CS M15T2G16128A-DEBG2L	EOL	1G bit 2G bit	64M×16 128M×16	DDR3L DDR3L	96ball 96ball				T/A				N/A					T/A	1		T/A		
	M15T2G16128A-DEBG2LS	EOL	2G bit	128M×16	DDR3L	96ball			T/A	T/A				T/A	T/A		T/A		T/A					
ESMT	M15T2G16128A-DEBG2R		2G bit	128M×16	DDR3L	96ball			T/A															
	M15T4G16256A-DEBG2L M15F4G16256A-DEBG2L	EOL	4G bit	256M×16 256M×16	DDR3L DDR3	96ball 96ball				N/A	T/A N/A		T/A N/A	T/A N/A					N/A					
	M15F4G16256A-DEBG2G M15T4G16256A-DEBG2G	EOL	4G bit	256M×16	DDR3L	96ball			T/A	N/A	N/A			T/A	_				N/A					
	M16U4G16256A-KJBG		4G bit	256M×16	DDR4	96ball			T/A					-,										
	M16U4G16256A-QLBG		4G bit	256M×16	DDR4	96ball		T/A																
	SCB15H1G160CF-13K		1G bit	64M×16	DDR3	96ball				T/A														
	SCB15H1G160AF-13K		1G bit	64M×16	DDR3	96ball				T/A														
	SCN13H2G160AF-13K		2G bit	128M×16	DDR3	96ball 96ball			_	T/A									T/A		T/A			4
	SCB13H2G160AF-11M SCB15H2G160AF-13K	EOL	2G bit 2G bit	128M×16 128M×16	DDR3L DDR3	96ball 96ball				T/A				T/A					I/A					1
	SCB13H2G160EF-09N		2G bit	128M×16	DDR3L	96ball			T/A	T/A				T/A	T/A		T/A							1
UniIC	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					1
	HXB15H4G800AF-13K HXB13H4G160AF-13KT		4G bit 4G bit	512M×8 256M×16	DDR3	78ball 96ball				T/A T/A								T/A	T/A T/A		T/A	T/A		
	HXI15H4G160AF-13K		4G bit	256M×16	DDR3	96ball				1/4		T/A				T/A		1/4	1/4		1/4	1/6		
	SCB13H8G162BF-11M		8G bit	512M×16	DDR3L	96ball			T/A		T/A	T/A	T/A	T/A		T/A		T/A						
	SCB13H8G162BF-13KI		8G bit	512M×16	DDR3L DDR4	96ball	7.0	T/A				T/A				T/A								
	SCB12Q4G160AF-07Q		4G bit	256M×16	DDR4	96ball	T/A	T/A	T/A			L								1				L
	HXB18T1G160AF-25D		1G bit	64M×16	DDR2	84ball														√.				256M16在RK30
	HXB18T2G160AF-25D HXB15H2G800BF-15H		2G bit 2G bit	128M×16 256M×8	DDR2 DDR3	84ball 78ball												T/A		√ N/A	T/A	N/A	T/A	RK31xx平台上需 定频相关补丁。
CSemicon	HXB15H2G160CF-13K		2G bit	128M×16	DDR3	96ball												1,11		14/2	T/A	N/A	- 76	参考层完整性引
	HXB15H4G800BF-15H		4G bit	512M×8	DDR3	78ball												T/A		N/A [1]	T/A	N/A	T/A [1]	高,需要严格遵
	HXB15H4G160BF-15H		4G bit	256M×16	DDR3	96ball												T/A		T/A			T/A	的布板要求布
	W9751G6KB-25		512M bit	32M×16	DDR2	84ball				T/A														
	W971GG6SB-18 W631GG6KB-12		1G bit 1G bit	64M×16 64M×16	DDR2 DDR3	84ball 96ball				T/A T/A									T/A					
Winbond	W631GG6MB-12	EOL	1G bit	64M×16	DDR3	96ball				T/A									I/A					
	W632GG6KB-15		2G bit	128M×16	DDR3	96ball				-,								T/A			T/A	T/A	T/A	
	W632GG6NB-12		2G bit	128M×16 128M×32	DDR3	96ball	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	W66CL2NQUAFI		4G bit	128M×32	LPDDR4	200ball			T/A															
	EM68B16CWPA-25H		512M bit	32M×16	DDR2	84ball														<b>V</b>				
	EM68B16CWQK-18H		512M bit	32M×16	DDR2	84ball			_	T/A														1
	EM68B16CWQH-18H EM6GC16EWKG-12H		512M bit 1G bit	32M×16 64M×16	DDR2 DDR3	84ball 96ball			T/A	T/A T/A									T/A					4
	EM6GC16EWKG-12H	EOL	1G bit 2G bit	54M×16 128M×16	DDR3	96ball			1/A	T/A									I/A					1
	EM6GC16EWXD-12H	EOL	2G bit	128M×16	DDR3	96ball				T/A														1
	EM6GD16EWKG-12H	EOL	2G bit	128M×16	DDR3	96ball				T/A				T/A					T/A					1
	EM6GD16EWXF-12H	EOL	2G bit	128M×16	DDR3	96ball				T/A				T/A					T/A					1
	EM6GD16EWBH-12H		2G bit	128M×16	DDR3	96ball									T/A		T/A				T/A			1
ron Tech	EM6GE16EW5B-15H		4G bit	256M×16	DDR3	96ball												T/A		T/A	T/A	T/A	T/A	台湾颗粒厂商,
	EM6GE08EW8C-12H		4G bit	512M×8	DDR3	96ball															T/A	T/A		较好
	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					
	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	1
	EM6GE16EW5F-12H	EOL	4G bit	256M×16	DDR3	96ball					T/A			T/A										1
	EM6HE16EW5F-12H	EOL	4G bit	256M×16	DDR3L	96ball					T/A			T/A										4
	EM6HE16EWAKG-10H		4G bit	256M×16	DDR3L	96ball			T/A		T/A		T/A	T/A		T/A	T/A							4
	EM6GE16EWAKG-10H EM6OE16NWAKA-08H		4G bit	256M×16 256M×16	DDR3	96ball 96ball	T/A	T/A	T/A			T/A				T/A								1
			4(a bit	256M×16	IDDR4	96ball	I/A	I/A	I I/A															II.



Manufacturer	Part Number	Product	Density	Organization	Туре	package	RK3568	RK3566	RV1126/	RV1108/	RK3228H	RK3399	RK3328	RK3326/	RK1808/		9PRO	RK3288	RK3368/RK322 8A/RK3228B/R	RK290x	RK2928/RK3 028A/RK312	RK2926/RK3026 /RK3036/RK303	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	
		Status							RV1109					PX30	RK1806		NPU_RA M		K3229/PX5	RK2918	8/PX3-SE	6G/RK3126	RK3168/RK3188/PX3	
	A3R12E40DBF-AH A3T1GF40CBF-HP		512M bit 1G bit	32M×16 64M×16	DDR2 DDR3	84ball 96ball	N1/0	21/4	N1/A	T/A	N1/A	h1/0		N/A	21/2	N/A	N1/A	21/2	N1/A	b1/6	A1/A	N1/A	****	
Zentel	A3T1GF40CBF-HP A3T1GF40CBF-GM		1G bit	64M×16	DDR3	96ball	N/A N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A									
20	A3T2GF40BBF-GM		2G bit	128M×16	DDR3	96ball	IN/A	N/A	NA	N/A	14/4	IV/A	N/A	NA	IN/A	14/24	N/A	NA	IV/A	N/A	T/A	IN/A	N/A	
	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball					T/A		T/A	T/A							17.4			
	ASTAGLAGADI GINI		40 DK	ESOM	5515	Joban					.,,.	l I	.,	.,,,					ļ.			<u> </u>		
	IS43TR16640B-125KBL		1G bit	64M×16	DDR3	96ball				T/A														
ISSI	IS43TR16128C-125KBL		2G bit	128M×16	DDR3	96ball				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	84ball				T/A														
	PMF510816ABR-G8DN		1G bit	64M×16	DDR3	96ball														√				
	PMF511816ABR-G8DN		2G bit	128M×16	DDR3	96ball														✓				
πΡΜ	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	T/A	
	PMF412816FBR-KADN		4G bit	256M×16	DDR3L	96ball												T/A						
	T				_																			
·	I5TQ4G63EFR		4G bit	256M×16	DDR3	96ball					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									
	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 [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	
	PE017 (SUU256M16V90BG8LY-125TP)		4G bit	<del>256M×16</del>	DDR3	96ball																T/A		
	PE039 (SUU256M16V90BG8LY-125TP)		4G bit	256M×16	DDR3	96ball				T/A									T/A					
SPECTEK	Z9QHG (SM128MX32U80MD1LGU-25FT)		4G bit	128M×32	LPDDR2	96ball												T/A					T/A	MICRON子品牌,
	PB047 (SS256M32V01MD1LPF-107BT)		8G bit	256M×32	LPDDR3	178ball					N/A	N/A	N/A	N/A										兼容性良好
	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								



		Product							RV1126/	RV1108/		1		RK3326/	DV190C	RK339			RK3368/RK322	RK290x	RK2928/RK3			
Manufacturer	Part Number	Status	Density	Organization	Туре	package	RK3568	RK3566	RV1126/ RV1109	RK3308	RK3228H	RK3399	RK3328	PX30		CPU_RA M	NPU_RA M	RK3288	8A/RK3228B/R K3229/PX5	RK290X RK2918	028A/RK312 8/PX3-SE	/RK3036/RK303 6G/RK3126	RK3168/RK3188/PX3	与RE兼容情况
	P3R1GE4CFF-G8E		1G bit	64M×16	DDR2	84ball														<b>V</b>				
	P3R1GE3FGF-G8E		1G bit	128M×8	DDR2	84ball														✓				1
	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										
MIRA	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	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	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							
														1						1				
	D1216ECMDXGJD		2G bit	128M×16	DDR3L	96ball			T/A					T/A										
	D5128EETBPGGBU		4G bit	512M×8	DDR3	78ball												T/A			T/A	T/A	T/A	
	D2516EC4BXGGB	EOL	4G bit	256M×16	DDR3L	96ball				[3]								[3]	[3] T/A		T/A [3]	T/A [3]	[3] T/A	
	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		1/A	1/A	I/A	
	D2516JC4BXGJD		4G bit	256M×16	DDR3	96ball			1,74	.,,,	1/1		.,,,	1,74	1/1		.,,,	T/A	.,,,					-
	B5116ECMDXGJD		8G bit	512M×16	DDR3L	96ball						T/A				T/A		T/A						256M16在RK30
	D2516ACPCXGRK		4G bit	256M×16	DDR4	96ball	T/A	T/A	T/A			1/4		T/A		1/4		1/4						RK31xx平台上需
ingston	D5116AH8CXGUM		8G bit	512M×16	DDR4	96ball	T/A	T/A	T/A		T/A		T/A	1/4										定频相关补丁。
-	D2532LA3WLGJA		8G bit	256M×32	LPDDR3	178ball	1/6	1/6	1/4		1/4		1/4		T/A		T/A		T/A					参考层完整性要 高,需要严格遵
	D2532LA6MLGJA		8G bit	256M×32	LPDDR3	178ball					T/A		T/A	T/A	T/A		T/A		1/A					的布板要求布
	KB23AADL3E08G		8G bit	512M×16	LPDDR3	178ball					I/A		I/A	I/A	I/A		1/A	7/4						D3-11-0X-3C-4X-11-
									_									T/A						
	D2516PC1CDGPLR		8G bit	256M×32	LPDDR4	200ball						T/A				T/A								
	B1621PC6FDGUKR		16G bit	512M×32	LPDDR4	200ball			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	N/A	N/A	
	B5116PH3MDGPAR		16G bit	512M×32	LPDDR4	200ball			T/A			T/A				T/A								
	F60C1A0002-M6		2G bit	128M×16	DDR3L	96ball			T/A	T/A				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		T/A	T/A		T/A			
	F62C1A0004-M5		4G bit	256M×16	DDR4	96ball	T/A	T/A	T/A															
	FD4V10004-22		4G bit	256M×16	DDR4	96ball								T/A										
ORESEE	NCLD3B2256M32		8G bit/ 2cs	256M×32	LPDDR3	178ball						T/A				T/A		T/A						
OKESEE	NCLD4C1MA256M32		8G bit	256M×32	LPDDR4	200ball						T/A				T/A								
	NCLDXC1MG256M32		8G bit	256M×32	LPDDR4	200ball			T/A			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				T/A								
	1				-																		-	
	BWPDD3X16A9B-04Gb		4G bit	256M×16	DDR3L	96ball			T/A	N/A		T/A		1		T/A				1				
	BWSDD4X16A9B-04Gb		4G bit	256M×16	DDR4	96ball	T/A	T/A	T/A	14/24		-,,,				.,								
	BW52L256M32D1PF		8G bit	256M×32	LPDDR3	178ball	1/6	1/6	1/4			T/A				T/A								
BIWIN	BW52L512M32D2PF		16G bit	512M×32	LPDDR3	178ball						1/A			7/4	1/A	7.0		T/A					
DIVVIIV												N1/0			T/A	NIZA	T/A		1/A					
	BWMD4X32H2A-08Gb		8G bit	256M×32	LPDDR4	200ball 200ball	+					N/A				N/A								-
	BWMD4X32H2A-16Gb		16G bit	512M×32	LPDDR4		1		1			T/A				T/A								4
	BWME9X32H2A-16Gb		16G bit	512M×32	LPDDR4	200ball						T/A				T/A								
	RS128M32LD3D1LMZ-125BT		4G bit	128M×32	LPDDR3	178ball			T/A	ш ¯				L_ <sup>-</sup>		$\Box$	╚			┖ -				]
RAYSON	RS256M32LZ4D1ANP-75BT		8G bit	256M×32	LPDDR4	200ball			T/A			T/A				T/A								
	RS512M32LZ4D2ANP-75BT		16G bit	512M×32	LPDDR4	200ball						T/A				T/A								
	FM38E16SAB-9MGD		2G bit	128M×16	DDR3L	96ball			T/A					T/A										
osilicon	FM38F16SBB-9MGD		4G bit	256M×16	DDR3L	96ball			.,					T/A										
	THISOT TOSES SINGS		40 Bit	ESOIII-10	DDIGE	300011	-	1	1	1		1		.,.						1				1
			20 14	12014-16		OCK-II	_			1				7.4	1					1	1	1		1
	IN TO A DOMAN CON DOMAN OF THE PARTY OF THE		2G bit 4G bit	128M×16	DDR3L	96ball	+		_			7/4		T/A		7/4			-			-		4
	IMD128M16R322J8LY		4(i bit	256M×16	DDR3	96ball			1			T/A		N/A		T/A								
	IMD256M16R30HG8GNF-107						1	1	T/A	1		T/A		T/A		T/A			1	1	l	1	1	1
	IMD256M16R30HG8GNF-107 IMD256M16R324J8LY		4G bit	256M×16	DDR3L	96ball																		_
CMAX	IMD256M16R30HG8GNF-107 IMD256M16R324J8LY IMD512M16R31AG8GPF		4G bit 8G bit	512M×16	DDR3	96ball						T/A				T/A								
ICMAX	IMD256M16R30HG8GNF-107 IMD256M16R324J8LY IMD512M16R31AG8GPF IMD256M16R4ABD8LY		4G bit 8G bit 4G bit	512M×16 256M×16	DDR3 DDR4	96ball 96ball	N/A	N/A	N/A	N/A	N/A	T/A N/A	N/A	N/A	N/A	T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
ICMAX	IMD256M16R30HG8GNF-107 IMD256M16R324J8LY IMD512M16R31AG8GPF		4G bit 8G bit	512M×16	DDR3	96ball	N/A N/A	N/A N/A		N/A N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308	к3228Н	RK3399	RK3328	RK3326/ PX30	RK1808/ RK1806	RK33	NPU_RA	- RK3288	RK3368/RK322 8A/RK3228B/R K3229/PX5					与RK兼容情况
	TN4G16D3CSEP-EK		4G bit	256M×16	DDR3	96ball						T/A				T/A								
TMTC	TM8G32MD4LSA1-I4		8G bit	256M×32	LPDDR4	200ball						T/A				T/A								
	TH16G32MD4LQM1-I4		16G bit	512M×32	LPDDR4	200ball						N/A				N/A								
	GH4061600HRL-1833		4G bit	256M×16	DDR3L	96ball					T/A		T/A	T/A										
Goldkey	GE8062400HD-1833		8G bit	512M×16	DDR4	96ball									T/A		T/A							1
	!		+			*	-				-											<u> </u>		
	EM47DM1688SBA		2G bit	128M×16	DDR3	96ball														N/A				
	EM47EM0888SBA-150		2G bit	256M×8	DDR3	78ball												T/A		T/A	N/A	N/A	T/A	
	EM47EM1688SBA-150		4G bit	256M×16	DDR3	96ball														T/A				
Eorex	EM47EM1688SBB-150A		4G bit	256M×16	DDR3	96ball												T/A			T/A	T/A	T/A	台湾颗粒厂商,
	EM47FM0888SBA-150		4G bit	512M×8	DDR3	78ball															T/A	T/A		兼容性较好
	EM47FM0888SBA-150A		4G bit	512M×8	DDR3	78ball									1	1					T/A	T/A		
	EM47EM3288MBA-125		8G bit	256M×32	DDR3	136ball											-	T/A					T/A	
	EM45FM3288LBA-187F		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball									1			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	
	H2A401G1666BFBC		1G bit	64M×16	DDR3	96ball				T/A														1
axeme	H2A402G1666BFBC		2G bit	128M×16	DDR3	96ball															T/A	T/A		
	H2A404G1666CFMC		4G bit	256M×16	DDR3	96ball					T/A		T/A	T/A										
	H2A404G0866CD8C		4G bit	512M×8	DDR3	78ball												T/A					T/A	
Sinker	SNB2816S21PS13 SNB5616S21PS13		2G bit 4G bit	128M×16 256M×16	DDR3L DDR3L	96ball 96ball			T/A T/A					T/A										
Hosin	HG-DR30232-62001		4G bit	256M×16	DDR3L	96ball						T/A				T/A								
	V59C1G01168QBASXJ25		1G bit	64M×16	DDR2	84ball					N/A	N/A	N/A	N/A	1	N/A	1	N/A	N/A	<b>V</b>	N/A	N/A	N/A	1
ProMOS	V73CAG01808RA JI9		1G bit	128M×8	DDR3	78ball					N/A	N/A	N/A	N/A		N/A		N/A	N/A	V	N/A	IN/A	N/A	
	V59C1G02168QB		2G bit	128M×16	DDR2	84ball					N/A	N/A	N/A	N/A		N/A		N/A	N/A	· /	N/A	N/A	N/A	
	V39C1G021G0QB		20 Dit	120W×10	DDRZ	04DdII	-				N/A	N/A	N/A	N/A		N/A		N/A	N/A	V	N/A	N/A	N/A	
Netsol	S5RG2G20CMS-MGCJ		32G bit	512M×64	LPDDR4	366ball						N/A				N/A								
		'			-	+	•							•		•	•			•		1		
MT.MOSET	ED3E25608CE-P9		2G bit	256M×8	DDR3	78ball												T/A		T/A	T/A	N/A	T/A	
		-	-		_	<del>'</del>											•					-		+
SMART	S4B2G0846C-HYH9		2G bit	256M×8	DDR3	78ball												T/A					T/A	巴西颗粒,国内用的
	S4B2G0846D-HYK0		2G bit	256M×8	DDR3	78ball	1							1	1	1	1	T/A		l	1		T/A	39
	VP5TQ1G0835-F9		1G bit	128M×8	DDR3	78ball														✓				
WINS	VP5TQ2G1635FFP-F9		2G bit	128M×16	DDR3	96ball														✓	N/A	N/A		
	VP5TQ2G0835L-F9		2G bit	256M×8	DDR3	78ball														<b>V</b>				
ISDT	IL2BR20E8H		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball												T/A						