Rockchip Solutions DDR SDRAM Support List

Ver 2.54

2022/8/18

Rockchip Solutions IDR SDRAM Support List 2022/8/18

NOTICE

Symbol

Symbol	Description
√	Fully Tested and Mass production
T/A	Sample Tested and Applicable, Applicable and Ready for Mass Production
S/A	The Samples have Passed the Test. However, the Platform Compatibility Test is also required before Mass Production.
N/A	Not Applicable
Empty	Not be evaluated

- The DRAM Part Number usually consists of two parts divided by '-', the first part contains memory type, density, 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 '\', 'T/A' or 'S/A', and do not need to care the second part.
 If you want your system running more effective, you may need to find out the exact data rate in DRAM datasheet and config in kernel menuconfig.
- Please copy the Rockchip reference design model of DRAM area PCB Layout directly without any modification and follow the PCB layout rules from Rockchip. Contact information: fae@rock-chips.com
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*Application Note:

- [1] Because lack of Address pin A15 in package, following SoCs do not support the 512M*8 DDR3: RK2906-6,RK2906-8,RK3066.
- [2] Only support for RK3128.
- [3] The DRAM's VDD and VDDQ should powered by 1.5V when it used on these SoCs.
- [4] It can work stably on RK3399 with loader version rk3399 ddr XXXMHz v1.22.bin and trust version rk3399 bl31_v1.28.elf, or the later version than all above. On RK3399pro, loader should be updated to rk3399pro ddr XXXMHz v1.22.bin, trust version should be updated to rk3399pro bl31_v1.28.elf. Or the later version than all above.
- [5] Only after week code 1937 (means 2019, week 37th) can be used, the product with early week code may cause system crash or unstable.



week code

- [6] The DDR must be boot from 400Mhz, please use XXXX ddr 400MHz vX.XX.bin to merge loader.
- [7] On RK3568/RK3566, loader should be updated to rk3568 ddr xxxMHz v1.09.bin / rk3566 ddr xxxMHz v1.09.bin or later version.
- [8] Only after week code 2101 (means 2021, week 01th) can be used, the product with early week code may cause system crash or unstable.



week code

[9] Only after week code 2118 (the third row, first four numbers means 2021, week 18th) can be used, the product with early week code may cause system crash or unstable.



[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 quarantee 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.



- [14] At the speed of 4266Mbps, it exists unfixable issues.
- [15] On RV1126/RV1109, the performance of LPDDR4/LPDDR4X is not enough, please use it after evaluation.
- [16] It can't work normally between 400MHz-625MHz and DTS cannot use this frequency band.

Rockchip Solutions DDR SDRM Support List 2022/8/18

◆The Latest Reference Circuits Version

Chip	DRAM Support Type	RK Reference Circuit Version
RK281x	DDR2	RK2818_REF_V1.3
RK2906	DDR2/DDR3/DDR3L	RK2906_PMIC_REF_V20_0418
RK2918	DDR2/DDR3/DDR3L	RK2918_REF_V13_20110517
RK2926/RK3026	DDR3/DDR3L	2926_86v_v1.2_20121109
RK2928/RK3028/RK3028A	DDR3/DDR3L	RK2928-DDR3P208SD4-V10-20120712LX.pcb
RK3066	DDR3/DDR3L/LPDDR2	RK3066_REF_TPS659102_V12_20121024_1CELL
PX2	DDR3/DDR3L/LPDDR2	PX2_CAR_V11.pcb
RK3168/RK3188	DDR3/DDR3L/LPDDR2	RK3188-DDR3P416SS4-V10-20130607WF.pcb
RK3126	DDR3/DDR3L	2926_86v_v1.2_20121109
RK3128	DDR3/DDR3L/LPDDR2	RK3128-DDR3P216SD4-V10-20140912HJH.pcb
RK3288	DDR3/DDR3L/LPDDR2/LPDDR3	RK3288-DDR3P416SD6-V11-20140305HJH
RK3368	DDR3/DDR3L/LPDDR2/LPDDR3	R88(RK3368)_V01_20150313
RK3036	DDR3/DDR3L	RK3036_SDK_ V1.0_20140528
RK3036G	DDR3/DDR3L	DONGLE_RK3036-G_20150408J.pcb
RK3228A/RK3228B/RK3229	DDR3/DDR3L/LPDDR2/LPDDR3	RK3228A_BOX_R88_DISCRETEPOWER_DDR3P216SD4_V1.0_20151129.pcb
PX3	DDR3/DDR3L/LPDDR2	RK_SDK_MAIN_PX3_CAR_V10_20160607
RK3399	DDR3/DDR3L/LPDDR3/LPDDR4	RK3399_VR&Tablet_V10_20160620
PX5	DDR3/DDR3L/LPDDR2/LPDDR3	RK_SDK_MAIN_PX5_CAR_V10_20160714_CGC
RK3228H	DDR3/DDR3L/DDR4/LPDDR3	RK_Demo_RK3228H_BOX_RK805-1_DDR3P216SD2_V02_20161128
RK3328	DDR3/DDR3L/DDR4/LPDDR3	RK_EVB_RK3328_BOX_RK805-1_DDR3P416DD6_V11_20161116
RV1108	DDR3/DDR3L/DDR2/LPDDR2	RK_EVB_MAINBOARD_RV1108_V12_20160930
PX3-SE	DDR3/DDR3L/LPDDR2	RK_SDK_MAIN_PX3SE_CAR_V11
RK3326	DDR3/DDR3L/DDR4/LPDDR2/LPDDR3	RK_EVB_RK3326_LP3S178P132SD4_V11_20180301FZB
RK3326S	DDR3/DDR3L/DDR4/LPDDR3/LPDDR4	RK_EVB_PX30-S_DDR3P416DD6_V10 20210629KYY
PX30	DDR3/DDR3L/DDR4/LPDDR2/LPDDR3	RK_EVB_PX30_DDR4P416DD6_V10_20180301_FZB
RK3308	DDR3/DDR3L/DDR2/LPDDR2	RK_EVB_RK3308_DDR3P116SD4_V10_20180301
RK3399PRO	DDR3/DDR3L/LPDDR3/LPDDR4	RK3399Pro_Layout_Template_LP3S178P232_LP3S178P132_SD8_V10_20181120
RK1808/RK1806	DDR3/DDR3L/LPDDR3/DDR4	RK_EVB_RK1808_DDR3P216SD6_V10 2018-09-07_YWQ
RV1126/RV1109	DDR3/DDR3L/DDR4/LPDDR3/LPDDR4	RV1126/1109_EVB_DDR3216SD6_v10_20191219LXF
RK3566/RK3568	DDR3/DDR3L/DDR4/LPDDR4	RK_EVB1_RK3568_DDR4P216SD6_V10_20200908GXL
RK3588	LPDDR4/LPDDR5	RK_EVB1_RK3588_LP4XD200P232SD10H1_V10 2021-08-16_LINT

• Revision History

2012 22.22 2.22		History.	la .
Add some supporting messages	Revision No.	History	Date
2013.01.07 244			
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2.46 Add some supporting messages 2021.01.29 2.47 Add some supporting messages 2021.04.16 2.48 Add some supporting messages 2021.07.20 2.49 Modify T/A of K4U8E3S4AD-MG**, NTGAP256T32AV, NTGAP512T32AV to N/A on RV1126/RV1109 and fill Samsung /Nanya 2021.07.23 2.50 Add some supporting messages, and note [8] [9] [10][11] 2021.07.22 2.51 Add some supporting messages, change note [12][13] 2022.01.17 2.52 Add some supporting messages, change note [12][13] 2022.04.01 Add some supporting messages, change note [12][14], modify T/A of K4U8E3S4AA-MG** K4UHE3D4A8-MG** K4UHE3D4A8-MG** to N/A on RK3588, modify T/A of NCLOXIC IMSTEARS, PLX C2002.6742, RSS 12M32LMHD28D5-S38T, (CNULPD512M32M-32H to N/A on RK3599, modify T/A of NCLOXIC IMSTEARS, PLX C2002.6742, RSS 12M32LMHD28D5-S38T, (CNULPD512M32M-32H to N/A on RK3588, Add note 18,730.00 pt 16,740 modify T/A of MTSTEARS, PLX C2002.6740, NOTE NCSASEA, CNULPD512M32M-32H to N/A on RK3588, Add note 18,730.00 pt 16,740 modify T/A of MTSTEARS, PLX C2002.6740, NOTE NCSASEA, CNULPD512M32M-32H to N/A on RK3588, Add note 18,730.00 pt 16,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to N/A on RK3588, Add note 18,730.00 pt 16,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to N/A on RK3588, Add note 18,730.00 pt 16,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to N/A on RK3588, Add note 18,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to N/A on RK3588, Add note 18,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to N/A on RK3588, Add note 18,740 modify T/A of MTSTEARS, CNULPD512M32M-32H to	2.44	Add some supporting messages, modify IMD256M16R4ABD8LY,IMD512M16R4AZD8JY,H9HCNNNBPUMLHR,	
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2.47 Add some supporting messages 2021.04.16 2.48 Add some supporting messages 2021.07.20 2.49 Modify 17.4 of AURESSAGA-MG**, NT6AP512T32AV to N/A on RV1126,RV1109 and fill Samsung /Nanya 2021.07.23 2.50 Add some supporting messages, add note [8] 99 [10][11] 2021.01.22 2.51 Add some supporting messages, add note [8] 99 [10][13] 2022.01.17 2.52 Add some supporting messages, change note [12][13] 2022.04.01 2.53 Add some supporting messages, add note [14], modify 17A of K4U6E354AA-MG**, K4UHE3D4AB-MG**, K4UBE3D4AA-MG** to N/A on RK3588, modify 17A of NCLDXCTMS/EM2E, K1CZ002G-AP2, RSS12M32LMHD28D5-S38T, (NNLPDS12M32M*-32H to N/A on RK3599, modify 17A of NCLDXCTMS/EM3E, K1CZ002G-AP2, RSS12M32LMHD28D5-S38T, (NNLPDS12M32M*-32H to N/A on RK3588, Add note 18.70 Add note(15), Change note(4), modify 17A of NCLDG4AA-MG** (NALPDS12M32M*-32H to N/A on RK3588, Add note 19.70 Add note(15), Change note(4), modify 17A of NCLDG4AA-MG** (NALPDS12M32M*-32H to N/A on RK3588, Add note 19.70 Add note(15), Change note(4), modify 17A of NCLDG4AA-MG** (NALPDS12M32M*-32H to N/A on RK3588, Add note 19.70 Add note(15), Change note(4),			
2.48 Add some supporting messages 2021,07.20 2.49 Modify T/ A of K4UBESSAD-MG**, NT6AP256T32AV, NT6AP512T32AV to N/A on RV1126/RV1109 and fill Samsung /Nanya LPDRAKX 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, add note [8] [9] [10][11] 2022.01.17 2.52 Add some supporting messages, dange note [12][13] 2022.04.01 Add some supporting messages, add note [14], modify T/A of K4UBESS4AA-MG**, K4UBESD4AB-MG**, K4UBESD4AB-MG** to N/A on RK3588, modify T/A of NCLDKCXIMSTSZARZ, EVEX20026-78, RSSESSAB/SZMMD28D5-S38T, (NAUEDS12M32M-32H to N/A on RK3599, modify T/A of REXCESSAB Add notes noted to Add notes to Text Add notes		** * *	
2.49 Modify T/A of K4U8E3S4AD-MG**, NT6AP256T32AV, NT6AP512T32AV to N/A on RV1126/RV1109 and fill Samsung /Nanya LPDRAK on RV1126/RV1109 with N/A. 2.50 Add some supporting messages, and note [8] [9] [10][11] 2021.10.22 2.51 Add some supporting messages change note [12][13] 2022.01.17 2.52 Add some supporting messages, change note [12][13] 2022.04.01 2.53 Add some supporting messages, change note [12][14], modify T/A of K4U6E354AA-MG** K4UHE3D4A8-MG** K4UHE3D4A8-MG** to N/A on RK3588, modify T/A of NCLDKC1MIST2M32, PUX.2002.64, PX, RSS 12M32LM4D28D5-S38T, (CNULPDS12M32M-32H to N/A on RK3599, modify T/A of R1LXC10MG-26, GE0062666ND to N/A on RK3595. 2.54 Add note18_15_khange note[4], modify T/A of RK20CX to NA on RV1109, TA of RS2632LF4D4BDT-S38T to NA on RK3588. Add note 10.270, no. 19.			
2.51 Add some supporting messages, change note [12][13] 2022.01.17 2.52 Add some supporting messages, change note [12][13] 2022.04.01 Add some supporting messages, add note [14], modify 17A of KAUKESSAAA-MG**,KAUHESDAAB-MG**,KAUBEBDAAA-MG** to N/A on RK3588, modify 17A of NCLDXC1MJS12M32, FJXC2002G-N2, RSS12M32LMHD28D5-S38T, QNAUPDS12M32M-32H to N/A on RK3599, 2022.05.30 and to 17A of FLXC600G-26, GE00C6666N to N/A on RK3580 and note 17A of RSX61, change note(a), modify 17A of MTSTG1664A-DEBGCX to NA on RV1109, TA of RSX632LF4D48DT-S38T to NA on RK3588, Add note 18A of note(15), change note(a) modify 17A of MTSTG1664A-DEBGCX to NA on RV1109, TA of RSX632LF4D48DT-S38T to NA on RK3588. Add note 18A of note(15), change note(a) modify 17A of MTSTG1664A-DEBGCX to NA on RV1109, TA of RSX632LF4D48DT-S38T to NA on RK3588.		Modify T/A of K4U8E3S4AD-MG**, NT6AP256T32AV, NT6AP512T32AV to N/A on RV1126/RV1109 and fill Samsung /Nanya	
2.51 Add some supporting messages. 2022.01.17 2.52 Add some supporting messages, change note [12][13] 4.64 some supporting messages, and note [14], modify 17A of KAUFESAAA-MG**,KAUHESDAAB-MG**,KAUBESDAAA-MG** to N/A on RK3588, modify 17A of NCLDXC1MU512M32, FLXC2002G-N2, RS512M32LMMD28D5-S38T, QNAUPD512M32M-32H to N/A on RK3599, 2022.05.30 modify 17A of FLXC6004C-26, GE0062666ND to N/A on RK3598 on RS512M32LMD28D5-S38T, QNAUPD512M32M-32H to N/A on RK3598, Add note 18A dd note181, Change note48, modify 17A of MTS16F64A-DEB02C to NA on RV1109, TA of RS2632LF4D48DT-S38T to NA on RK3588, Add note 18A dd note181, Change note48, modify 17A of MTS16F64A-DEB02C to NA on RV1109, TA of RS2632LF4D48DT-S38T to NA on RK3588, Add note 18A dd note181, Change note48, modify 17A of MTS16F64A-DEB02C to NA on RV1109, TA of RS2632LF4D48DT-S38T to NA on RK3588, Add note 18A dd note181, DR358B, Add note 18A dd note181, DR358B, Add note 18A dd note181, DR35BB, Add n	2.50	Add some supporting messages, add note [8] [9] [10][11]	2021.10.22
252 Add some supporting messages, change note [12][13] Add some supporting messages, add note [12][13] Add some supporting messages, add note [12][13] Add some supporting messages, add note [14], modify T/A of K4U6E354AA-MG**,K4UHE3DAAB-MG**,K4UBE3DAAA-MG** to N/A on RK3588, modify T/A of K1DKCMT/MST 2242, ENCX2002-6724, RSS12M32LM4D28D5-S38T, (ONHIPDS12M32M-324 to N/A on RK3399, 2022.05.30 modify T/A of FLXC400d6-26, GE00626660N to N/A on RK3588. Add note[15], Change mote[4], modify T/A of MTSTG1664A-D68D2C to N/A on RK1109, TA of RS2632LF4D48DT-S38T to N/A on RK3588. Add note: 10,737.06.19			2022.01.17
Add some supporting messages, add note [14], modify T/A of K4U6E3S4AA-MG**, K4UHE3D4AB-MG**, K4UBE3D4AA-MG** to N/A on RK3598, modify T/A of NCLDXCTIMST2M32, FLXC2003G-N2, R5S12M32JM4D28D5-S3BT, QN4LPD512M32M-32H to N/A on RK3399, modify T/A of FLXC4004G-26, GE8062666ND to N/A on RK3588. Add note[15], change note[4], modify TA of M15T1G1664A-DEBG2C to NA on RV1109, TA of RS2632LF4D4BDT-538T to NA on RK3588. Add note 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	2.52		
		Add some supporting messages, add note [14], modify T/A of K4U6E3S4AA-MG** K4UHE3D4AB-MG**,K4UBE3D4AA-MG** to N/A on RK3588, modify T/A of NCLDXC1MJ512M32, FLXC2002G-N2, RS512M32LM4D2BD5-53BT, QN4LPD512M32M-32H to N/A on RK3399,	
	2.54		2022.08.18

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



Consumer

Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK35885	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806	CPU_RA	99PRO NPU_RA M	RK3288	K3368/RK3228 /RK3228B/RK 229/PX5	RK290x RK2918		RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 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/A															
	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																✓				
	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/A	-,		-	.,		7	
	MT41K512M8RH-125:E(D9QBJ)		4G bit	512M×8	DDR3L	78ball				1,7.							.,,,		1/-	T/A			T/A	T/A	T/A [1]	
	MT41K512M8RG-107:N(D9RVX)		4G bit	512M×8	DDR3L	78ball														- '/^			.,,,	1/15	T/A	
	MT41K512M8DA-107:P(D9SGQ)		4G bit	512M×8	DDR3L	78ball																			T/A	
	MT41K256M16RE-15E:D(D9PBF)		4G bit	256M×16	DDR3L	96ball																V			-,	
	MT41K256M16HA-125:E(D9PXV)		4G bit	256M×16	DDR3L	96ball														T/A		V	T/A	T/A	T/A	i
	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/A		T/A	T/A	T/A	1
	MT41K256M16TW-107:P(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/A	_	1/5	1/6	T/A	1
	MT41K256M16TW-107:P(D9SHD) MT41K256M16TW-107:P(D9SHG)		4G bit	256M×16	DDR3L DDR3L	96ball	_	+		1/A	1/A	1/A	T/A	1/A	1/A	1/A	1/A	T/A	1/A	1/A	1/A	_			1/A	-
	MT41K256M16TW-107TI:P(D9SHG) MT41K512M16HA-125:A(D9STQ)	EOL	4G bit 8G bit	256M×16 512M×16	DDR3L DDR3L	96ball 96ball	_	-					T/A					T/A				_				4
	MT41K512M16HA-125:A(D9STQ) MT41K512M16HA-107:A(D9SDQ)	EOL	8G bit	512M×16	DDR3L DDR3L	96ball							٧					I/A		T/A					T/A	
		EUL																							I/A	
	MT41K512M16VRP-107IT:P(D9ZWN)	501	8G bit	512M×16 256M×16	DDR3L	96ball 96ball														T/A						
	MT40A256M16GE-083E:B(D9TGQ)	EOL	4G bit		DDR4 DDR4	96ball				T/A		T/A		T/A		T/A	T/A		T/A							
	MT40A256M16GE-075E:B (D9TGS)		4G bit	256M×16											T/A	I/A	T/A		T/A							
	MT40A512M16TB-062E:J(D9WWP)		8G bit	512M×16 512M×16	DDR4	96ball 96ball		T/A		T/A							T/A		T/A							
	MT40A512M16JY-083E:B(D9TBK)		8G bit		DDR4			T/A	T/A			T/A		T/A												
	MT40A512M16TB-062E:R(D8BPK)		8G bit	512M×16	DDR4	96ball		T/A	T/A																	
	MT40A512M16LY-062E:E(D9WFJ)		8G bit	512M×16 1024M×16	DDR4 DDR4	96ball 96ball				T/A		T/A		T/A			T/A		T/A							
	MT40A1G16WBU-083E:B(D9TPH)		16G bit									I/A		I/A			I/A		I/A							
Micron	MT40A1G16KD-062E:E(D9ZFW) MT40A1G16TB-062E:F (D8CJX)		16G bit	1024M×16 1024M×16	DDR4 DDR4	96ball 96ball		T/A		T/A					T/A	T/A										兼容性好
			16G bit		DDR4			T/A	T/A																	
	MT40A2G16SKL-062E:B(D9XQF)		32G bit	2048M×16	DDK4	96ball		T/A	T/A		l												l			4
	MT42L128M32D1GU-25 WT:A(Z9QHG)		4G bit	128M×32	LPDDR2	134ball	_	,												T/A		1			T/A	4
	MT42L126M32D1GU-25 W1.A(29QHG)		4G bit	256M×16	LPDDR2	134ball		_			T/A									1/A					1/A	
	MT42L128M64D2LL-25 WT:A(D9CG)		8G bit	128M×32×2Ch	LPDDR2	216ball					1/A									T/A		_			NI/A	
	MT52L256M32D1PF-107 WT:B(D9CQG)		8G bit	256M×32	LPDDR2	2100aii 178ball		_		T/A		T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A	T/A					N/A	
					LPDDR3					1/A		T/A					1/A	T/A	1/A	T/A		_				
	MT52L512M32D2PF-107 WT:B(D9SSF)		16G bit	512M×32		178ball				(16)		I/A	T/A	T/A	T/A	T/A		I/A		I/A	T/A					
	MT53E128M16D1DS-046 WT:A(D9WXT) MT53E128M32D2DS- 046 WT:A(D9WXR)		2G bit 4G bit	128M×16 128M×32	LPDDR4/LPDDR4X[11]	200ball 200ball				S/A (15)																
		501			LPDDR4/LPDDR4X[11]					S/A [15]																
	MT53B256M32D1NP-062 WT:C(D9TFT) MT53E256M32D2DS-053 WT:B(D9WRB)	EOL	8G bit 8G bit	256M×32 256M×32	LPDDR4	200ball 200ball		-	T/A	(15)			T/A					T/A								4
	MT53E256M32D2DS-053 WT:B(D9WRB) MT53E256M32D2FW-046 WT:B (D9ZKT)			256M×32 256M×32	LPDDR4/LPDDR4X ^[11]			(7)					T/A [4]					T/A [4]					l		-	4
			8G bit		LPDDR4/LPDDR4X ^[11]	200ball			T/A [7]																	4
	MT53E384M32D2DS-053 WT:E (D9WRN)		12G bit	384M×32		200ball	7/4	T/A		S/A [15]					(441								l		-	4
	MT53E384M32D2FW -046 WT:E (D8BBR)	501	12G bit	384M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A [7][11]	T/A (7)(11)						T/A [11]											4
	MT53B512M32D2NP-062 WT:C(D9TFW)	EOL	16G bit	512M×32	LPDDR4	200ball							T/A					T/A					l		-	4
	MT53D512M32D2DS-053 WT:D(D9WHZ)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		T/A		5/A 111/[15]			T/A [11]					T/A								4
	MT53E512M32D2NP-046 WT:E (D9WGB)		16G bit	512M×32	LPDDR4/LPDDR4X ^[11]	200ball	T/A		T/A [7]	S/A [15]			T/A					T/A								4
	MT53E512M32D2FW-046 WT:D(D9ZZL)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		T/A [7]							T/A											4
	MT53E512M32D1NP-046 WT:B(D8BQM)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A [11]	T/A [11]				T/A					T/A								4
	MT53E512M32D4NQ-053 RS WT:F(D9ZBD)		16G bit	512M×32	LPDDR4/LPDDR4X[11]	200ball			T/A																	4
	MT53E512M32D1ZW-046 WT:B(D8CSC)		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		-		-			T/A					T/A		_						
	MT53D1024M32D4DT-053 WT:D(D9WHV)		32G bit	1024M×32	LPDDR4/LPDDR4X[11]	200ball		T/A [7]	T/A	S/A [15]			\vdash													4
	MT53D1024M32D4DT-046 WT:D(D9WQG)		32G bit	1024M×32	LPDDR4/LPDDR4X[11]	200ball	T/A																			4
	MT53E1G32D2FW-046 WT:B (D8CJG)		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A																		4
	MT53E1536M32D4DE-046 WT:B(D8BDQ)		48G bit	1536M×32	LPDDR4/LPDDR4X[11]	200ball	T/A		T/A																	
	MT53E2G32D4DE-046 WT:A (D9ZRD)		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A [7][11]																		4
	MT53E2G32D4DE-046 WT:C (D8CJN)		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A	T/A																	
	MT53B512M64D4NK-053 WT:C(D9TGF)	EOL	32G bit	512M×64	LPDDR4	366ball					1		T/A					T/A								1
	MT53E512M64D4NK-046 WT:D(D9XPK)		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								I



anufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399 RK3328		RK3326/ PX30	RK1808/ RK1806	RK3399PRO CPU_RA NPU_RA M	RK3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5	RK290x RK2918		RK2926/RK3026 RK3036/RK30366 /RK3126		与RE兼容情况
	K4T1G164QE		1G bit	64M×16	DDR2	84ball														✓				
	K4B1G0846G K4B1G1646I-*C**		1G bit	128M×8	DDR3	78ball		ļ						ļ				T/A		√			T/A	
	K4B1G1646I-*C** K4B1G1646I-*Y**		1G bit 1G bit	64M×16 64M×16	DDR3 DDR3L	96ball 96ball				T/A T/A	T/A T/A													
	K4B2G0846C		2G bit	256M×8	DDR3L DDR3	78ball				1/A	1/A									V				
	K4B2G0846C-*Y**		2G bit	256M×8	DDR3L	78ball												T/A		_ v			T/A	
	K4B2G1646C		2G bit	128M×16	DDR3L DDR3	96ball		_						_				1/A		J			1/A	_
	K4B2G1646E		2G bit	128M×16	DDR3	96ball												T/A		T/A	T/A	T/A	T/A	
	K4B2G1646Q		2G bit	128M×16	DDR3	96ball		1			T/A	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	-7	T/A	T/A	T/A	
	K4B4G0846E-*C**		4G bit	512M×8	DDR3	78ball				-,,	T/A	T/A	T/A			-,,-	- 77.	-,	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		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						
	K4A4G165WE-*C**		4G bit	256M×16	DDR4	96ball			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	1	T/A	T/A					1									1	4
	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					S/A [16]	S/A [16]	T/A	T/A							
	K4AAG165WA-*C**		16G bit	1024Mx16	DDR4	96ball		T/A		T/A						T/A	T/A							
	K4AAG165WB-*C**		16G bit	1024Mx16	DDR4	96ball			T/A															
	K4ABG165WA-MC**		32G bit	2048M×16	DDR4	96ball	1	T/A	T/A															-
	K3PE0E000A-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball												T/A					N/A	兼容性矣
	K3PE0E000M-XGC2		16Gb/2Channel	256M×32×2Ch	LPDDR2	216ball												T/A					N/A	K3PE0E000M R
msung	K4E8E304ED-EGCC K4E8E304EE-EGCE		8G bit 8G bit	256M×32 256M×32	LPDDR3 LPDDR3	178ball 178ball		-					T/A	-		T/A	T/A	T/A	T/A					改为150o
				256M×32 256M×32	LPDDR3	178ball							I/A				I/A	I/A	T/A					K3PE0E000A-X0
	K4E8E324EB-AGCF K4E8E324EB-EGCF		8G bit 8G bit	256M×32	LPDDR3	178ball						T/A	T/A T/A	T/A	T/A		T/A	T/A	T/A					需要改为
	K4E8E324ED-EGCG		8G bit	256M×32	LPDDR3	178ball		-				1/A	T/A I/A	1/A	1/A	T/A	T/A T/A	1/A	1/A					
	K3OF1F10DM-AGCF		8Gb/2Channel	128M×32×2Ch	LPDDR3	253ball							1/A			1/6	1/A 1/A	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	T/A					
	K4E6E304EB-EGCF		16G bit	512M×32	LPDDR3	178ball						T/A	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	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				S/A [15]														
	K4F8E304HB-MG**		8G bit	256M×32	LPDDR4	200ball				S/A [15]			T/A				T/A							
	K4F8E3S4HD-MG**		8G bit	256M×32	LPDDR4	200ball	T/A	T/A [7]		S/A [15]			T/A				T/A							
	K4F2E3S4HM-MG**		12G bit	384M×32	LPDDR4	200ball	1		T/A [7]														1	⊣
	K4F6E3S4HM-MG**		16G bit	512M×32	LPDDR4	200ball		T/A		S/A [15]			T/A				T/A							
	K4F6E3S4HM-SG**		16G bit	512M×32	LPDDR4	200ball	T/A	T/A						1									<u> </u>	4
	K4F6E3S4HB-MG**		16G bit	512M×32	LPDDR4	200ball	T/A	T/A						T/A										
	K4FHE3D4HM-MG**		24G bit	768M×32	LPDDR4	200ball			T/A [7]									-						
	K4FBE3D4HB-MG**		32G bit	1024M×32	LPDDR4	200ball	T/A	T/A						T/A										4
	K4U8E3S4AD-MG**		8G bit 16G bit	256M×32	LPDDR4X LPDDR4X	200ball 200ball	T/A	T/A [7]		N/A														_
	K4U6E3S4AM-MG** K4U6E3S4AA-MG**			512M×32	LPDDR4X LPDDR4X		AL (A. (14)			N/A														_
	K4U6E3S4AA-MG** K4U6E3S4AB-MG**		16G bit	512M×32 512M×32	LPDDR4X LPDDR4X	200ball 200ball	N/A [14]	T/A		N/A			-	+				_		_				-
	K4U6E3S4AB-MG** K4UHE3D4AB-MG**		16G bit 24G bit	512M×32 768M×32	LPDDR4X LPDDR4X	200ball 200ball	N/A [14]	T/A						+				-						
		EOL	24G bit 32G bit	768M×32 1024M×32	LPDDR4X LPDDR4X	200ball	N/A [14]	T/A ^[7]		N/A				1						_				-
	K4UBE3D4AA-MG** K4UBE3D4AB-MG**	EUL	32G bit 32G bit	1024M×32 1024M×32	LPDDR4X LPDDR4X	200ball	T/A	T/A	T/A T/A	IN/A				+				_		_				-
	K4UCE3Q4AA-MG**	EOL	64G bit	1024M×32 2048M×32	LPDDR4X LPDDR4X	200ball	1/A N/Δ ^[14]			_				_						_				-
	K4UCE3Q4AA-MG**	EOL	64G bit	2048M×32	LPDDR4X	200ball	N/A 113	1/A	1/4							_				-				
	K3RG2G20CM-MGCJ	EOL	32G bit	2040W×32 512M×64	LPDDR4X	366ball	N/A · · ·						T/A [4]				T/A [4]						1	-
	NUNGEGEOCHI-MIGCI	LOL	JEG DIL	312W1^04	L. DDR4	JUUDAII							I/A				17A							



Manufacturer	Part Number	Product	Density	Organization	Туре	package	RK3588	RK3568	RK3566	RV1126/	RV1108/ RK3308/	RK3228H	RK3399	פרככעם	RK3326S/	RK3326/	RK1808/	RK339			RK3368/RK3228 A/RK3228B/RK	RK290x		RK2926/RK30 RK3036/RK30		与RK兼容情况
Manuracturer		Status	-				/RK3588S	KR3308	KK3300	RV1109	RK3308B-S	KR3220H	KK3399	KR3328	PX30S	PX30		CPU_RA M	NPU_RA		3229/PX5	RK2918	8/PX3-SE	/RK3126	RK3168/RK3188/PX3	马瓜漱谷育优
	H5PS1G63CFP		1G bit	64M×16	DDR2	84ball																√				
	H5PS1G63EFR		1G bit	64M×16	DDR2	84ball																٧.				
	H5TQ1G83DFR H5TQ1G83TFR		1G bit 1G bit	128M×8 128M×8	DDR3 DDR3	78ball 78ball				-										T/A		- √			T/A	
	H5TQ1G831FR H5TQ2G83CFR		2G bit	128M×8 256M×8	DDR3	78ball			-	-										V		√ √	V	_	J	
	H5TQ2G83BFR		2G bit	256M×8	DDR3	78ball				+										V		T/A	T/A	T/A	V	
	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	178	
	H5TQ2G83GFR	EOL	2G bit	256M×8	DDR3	78ball				-										T/A			.,,,,	.,	T/A	
	H5TO2G63BFR	EOL	2G bit	128M×16	DDR3	96ball				†										-,		✓				
	H5TQ2G63FFR	EOL	2G bit	128M×16	DDR3	96ball				-													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						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]	
	H5TC4G83AFR	EOL	4G bit	512M×8	DDR3L	78ball														T/A					T/A ^[1]	
							_	_	-	-			\vdash					\vdash				_		7/4		-
	H5TQ4G83MFR	EOL	4G bit	512M×8	DDR3	78ball				4										T/A			T/A	T/A	T/A [1]	
	H5TC4G83BFR	EOL	4G bit	512M×8	DDR3L	78ball							\vdash										T/A	T/A		4
	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 H5TC4G63CFR	EOL	4G bit 4G bit	256M×16 256M×16	DDR3L DDR3L	96ball 96ball			+	-										T/A			T/A	T/A	T/A	-
	H5TC4G63CFR H5TC4G63EFR	EOL		256M×16 256M×16		96ball 96ball				─	T/A	T/A		T/A	T/A					T/A	T/A				T/A	
Hynix			4G bit		DDR3L					T/A	T/A	T/A	T/A	T/A	T/A		T/A	T/A	T/A	T/A	T/A				T/A	
	H5TQ4G63EFR H5TQ4G63CFR	EOL	4G bit	256M×16 256M×16	DDR3 DDR3	96ball 96ball				T/A	T/A	T/A T/A	T/A T/A	T/A T/A	T/A	T/A T/A	I/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				+	I/A	I/A	T/A	I/A	1/A	I/A		T/A		I/A	I/A		I/A	I/A	I/A	_
	H5TC8G63CMR	EOL	8G bit	512M×16	DDR3L	96ball			-	-			1/4					1/4		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							
	H5AN8G6NAFR	EOL	8G bit	512M×16	DDR4	96ball						T/A		T/A	T/A	T/A	T/A		T/A							1
	H5AN8G6NCJR		8G bit	512M×16	DDR4	96ball		T/A	T/A	T/A					T/A	T/A	T/A		T/A							兼容性
	H5AN8G6NDJR		8G bit	512M×16	DDR4	96ball		T/A	T/A	T/A		T/A		T/A	T/A	T/A										
	H5ANAG6NAMR		16G bit	1024M×16	DDR4	96ball		T/A	T/A	T/A					T/A	T/A	T/A		T/A							
	H5ANAG6NCMR		16G bit	1024M×16	DDR4	96ball		T/A		T/A																
	H5ANAG6NCJR		16G bit	1024M×16	DDR4	96ball		T/A	T/A			T/A		T/A												
	H9TCNNN8JDMMPR		8Gb/2CS	256M×32	LPDDR2	134ball	1	1												T/A		_			T/A	_
	H8TJR00X0MLR		8Gb/2CS	256M×32	LPDDR2	168ball			_	-										T/A					T/A	
	H9TKNNN8KDMPOR		8Gb/2Channel	128M×32×2Ch	LPDDR2	216ball				+										- '/"			T/A [2]		178	
	H9TKNNNBPDMRAR		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball	_	_	-											T/A			1/A**		N/A	
	H9CCNNN8JTALAR	EOL	8G bit	256M×32	LPDDR2	2200ali 178ball	_	_		+										T/A					N/A	
	H9CCNNN8GTMLAR	EOL	8G bit	256M×32	LPDDR3	178ball				-		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			-	-		T/A	T/A		T/A		,.	T/A		,	.,,,	,A		,A	.,,,,	=
	H9CCNNNBLTALAR	EOL	16G bit	512M×32	LPDDR3	178ball			-	\leftarrow		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						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	7
	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	N/A	
	H9HCNNN8KUMLHR	EOL	8G bit	256M×32	LPDDR4	200ball							N/A					N/A								7
	H9HCNNNBPUMLHR		16G bit	512M×32	LPDDR4	200ball							N/A					N/A								
	H9HCNNNBKUMLHR		16G bit	512M×32	LPDDR4	200ball				S/A [15]			T/A					T/A								
	H9HCNNNBKUMLXR		16G bit	512M×32	LPDDR4	200ball	T/A		T/A				T/A					T/A								
	H9HCNNNCPUMLXR		32G bit	1024M×32	LPDDR4	200ball	T/A			S/A [15]											-					╝
	H9HCNNNBKMMLHR		16G bit	512M×32	LPDDR4X	200ball			T/A	S/A [15]																
	H9HCNNNBKMMLXR		16G bit	512M×32	LPDDR4X	200ball	T/A																			
	H9HCNNNCPMMLXR		32G bit/2cs	1024M×32	LPDDR4X	200ball	T/A			S/A [15]					_		_									_
	H9HCNNNFAMMLXR		64G bit	2048M×32	LPDDR4X	200ball	T/A	T/A	T/A																	
	H54G46CYRBX267N		16G bit	512M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A	T/A																	
	H9HKNNNDBUMUBR	EOL	24G bit	384M×64	LPDDR4	366ball							N/A					N/A								
	H9HKNNNCUUMUBR	EOL	32G bit	512M×64	LPDDR4	366ball			4	4			N/A					N/A								
	H9HKNNNCTUMUBR	EOL	32G bit	512M×64	LPDDR4	366ball							T/A					T/A								



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399 RK33	8 RK332 PX305	26S/ RK3320 PX30	5/ RK1808 RK1806	RK3399PRO CPU_RA NPU_R	RK3288	RK3368/RK3228 A/RK3228B/RK 3229/PX5		RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026 RK3036/RK3036 /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与胚兼容情况
	NT5TU32M16CG-3C		512M bit	32M×16	DDR2	84ball											- M			V				
	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 NT5CB128M8FN		1G bit	128M×8 128M×8	DDR3L DDR3	78ball 78ball												T/A		√			T/A T/A	_
	NT5CC128M8GN		1G bit	120W×6 128M×8	DDR3L	78ball												1/A		-			T/A	
	NT5CB256M8GN		2G bit	256M×8	DDR3	78ball												T/A		V	T/A	T/A	T/A	
	NT5CB256M8BN		2G bit	256M×8	DDR3	78ball												T/A		V	T/A	T/A	T/A	
	NT5CB256M8FN		2G bit	256M×8	DDR3	78ball												T/A		V	T/A	T/A	T/A	
	NT5CB256M8IN		2G bit	256M×8	DDR3	78ball					T/A	T/A	T/	A T/.	A T/A				T/A				· ·	
	NT5CC256M8IN		2G bit	256M×8	DDR3L	78ball					T/A	T/A	T/	A T/.	A T/A				T/A				T/A	
	NT5CB128M16BP		2G bit	128M×16	DDR3	96ball												T/A		✓	T/A	T/A	T/A	
	NT5CB128M16HP		2G bit	128M×16	DDR3	96ball												T/A		T/A			T/A	
	NT5CC128M16BP		2G bit	128M×16	DDR3L	96ball													1	√				
	NT5CB128M16FP		2G bit	128M×16	DDR3	96ball												T/A		✓	T/A	T/A	T/A	
	NT5CC128M16IP	EOL	2G bit	128M×16	DDR3L	96ball					T/A							T/A			T/A	T/A	T/A	
	NT5CB128M16IP	EOL	2G bit	128M×16	DDR3	96ball					T/A			T/.	A T/A			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		A T/.			T/A	T/A	T/A					
	NT5CB512M8DN		4G bit	512M×8	DDR3	78ball					T/A	T/A	T/	A T/.	A T/A			_	T/A					
	NT5CB512M8BN		4G bit	512M×8	DDR3	78ball												T/A			T/A	T/A	T/A [1]	
	NT5CC512M8CN		4G bit	512M×8	DDR3L	78ball												T/A			T/A	T/A	T/A ^[1]	
	NT5CC512M8DN		4G bit	512M×8	DDR3L	78ball					T/A	T/A	T/	A T/.	A T/A				T/A				T/A	
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	
	NT5CB256M16CP	EOL	4G bit	256M×16	DDR3	96ball												T/A			T/A	T/A	T/A	
	NT5CB256M16DP	EOL	4G bit	256M×16	DDR3	96ball												T/A						
	NT5CB256M16EP		4G bit	256M×16	DDR3	96ball				T/A	T/A	T/A	T/A T/	A T/.	A T/A		T/A		T/A					
	NT5CC256M16CP	EOL	4G bit	256M×16	DDR3L DDR3L	96ball												T/A		T/A	T/A	T/A	T/A T/A	
	NT5CC256M16DP NT5CC256M16EP	EOL	4G bit	256M×16 256M×16	DDR3L	96ball 96ball					T/A	T/A	T/A T/				T/A T/A	T/A	T/A T/A		T/A T/A	T/A	T/A	
	NT5CC256M16EP NT5CC256M16ER		4G bit	256M×16	DDR3L	96ball				T/A	T/A	T/A			A T/A		T/A	T/A		-	1/A		1/A	
	NT5CB256M16ER		4G bit	256M×16	DDR3	96ball			T/A	1/6	1/4	1//	1/8 1/	,	- '/^		1/4	1//	1/4					
	NTSAD256M16B2		4G bit	256M×16	DDR4	96ball			1/A			T/A	T/			T/A	T/A			1				
	NT5AD256M16D4		4G bit	256M×16	DDR4	96ball			T/A	T/A		T/A		A T/	A T/A									
	NT5AD256M16E4		4G bit	256M×16	DDR4	96ball		T/A	T/A	-,		-,		T/										
	NT5AD512M16A4		8G bit	512M×16	DDR4	96ball		-,	-,,							T/A	T/A							
	NT5AD512M16C4		8G bit	512M×16	DDR4	96ball			T/A					T/.	A					1				
					•	•	•	•	•	•											•		•	
	NT6TL128M32AQ		4G bit	128M×32	LPDDR2	168ball												T/A					T/A	
	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	
	NT6CL128M32BM NT6CL128M32CM		4G bit	128M×32 128M×32	LPDDR3 LPDDR3	178ball								_			I I	T/A		_				
			4G bit			178ball				T. (4			T/A	_	_		T/A T/A			1				-
	NT6CL128M32DM NT6CL256T32CM		4G bit	128M×32 256M×32	LPDDR3 LPDDR3	178ball 178ball				T/A		T/A	T/A		A T/A		T/A T/A			_				
	NT6CL256132CM NT6CL256T32BM		8G bit	256M×32 256M×32	LPDDR3	1/8ball 178ball						T/A		A T/	A T/A		T/A T/A	T/A	T/A					-
	NT6CL256H32BM NT6CL256M32AM	_	8G bit	256M×32 256M×32	LPDDR3	178ball				T/A		T/A					T/A T/A							-
	NT6CL512T32AM		16G bit	512M×32	LPDDR3	178ball	-	-		T/A		T/A [5]	T/A T/A		1//	1/4	T/A I/A	T/A [5]	T/A	_	1			-
	NT6CL256T32AQ		8G bit	256M×32	LPDDR3	168ball				-,,,		1/A.	., 1/2				-,	1/4	T/A	1				
	NT6AN256T32AV		8G bit	256M×32	LPDDR4	200ball							N/A				N/A		-/-					
	NT6AN512T32AV		16G bit	512M×32	LPDDR4	200ball		T/A	T/A				T/A	T/.	A		T/A							
	NT6AN1024F32AV		32G bit	1024M×32	LPDDR4	200ball		T/A	T/A															
	NT6AP256T32AV		8G bit	256M×32	LPDDR4X	200ball				N/A														
	NT6AP512T32AV		16G bit	512M×32	LPDDR4X	200ball				N/A														



CXMT	IN Number DO28FAMCG DO28FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DO38FAMCG DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-MIK DBAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-BAGAM-BAGAM DBAGAM-B	Product Status	Density 4G bit 8G bit 8G bit 8G bit 16G bit 16G bit 14G bit 1	Organization 259M+16 512M+16 512M+16 512M+16 512M+16 512M+32 512M+32 1024M+32 1024M+32 256M+16 256M+16 256M+16 256M+16 64M+16 64M+16 64M+16 64M+16 64M+16 64M+16 128M+16	Type DDRA DDRA DDRA DDRA DDRA LPDORA(JPDDRAX***2 LPDORA(JPDDRAX**2 LPDORA(JPDDRAX**2 LPDORA(JPDDRAX**2 DDRA LPDORA(JPDDRAX**2 DDRA DRA DR	84ball 96ball 96ball 96ball 96ball	RK3588 /RK3588S	T/A T/A	T/A T/A	T/A T/A T/A S/A (15) S/A (15) S/A (15) T/A T/A	RK3308B-S	T/A ⁽⁰⁾ T/A ⁽⁰⁾	T/A ^[6] T/A ^[6] T/A ^[7]	RK33265/ PX305	PX30 F	М	T/A	RK3288	A/RK3228B/RK 3229/PX5	RK290x RK2918	028A/RK312 8/PX3-SE	RK296/RK206/ RK306/RK3066/RK3066/RK3066/ /RK3126 RK3166/RK3188/P2	PAZ 与政策等情况
CXMT CDD CXMT C	DQ38FAM-CG DQ38FAM-CC-A DB3ABAM-MK DB4CBAM-MK DB4CBAM-M	EOL	8G bit 8G bit 8G bit 16G bit 1	\$12M+16 \$12M+16 256M+32 \$12M+32 \$12M+32 \$12M+32 \$1024M+32 \$1024M+32 \$256M+16 \$256M+16 \$256M+16 \$256M+16 \$46M	DORA DORAL LPDORALPODRAX*** LPDORALPODRAX** LPDORALPODRAX** LPDORALPODRAX LPDORALPODRAX DORAL	96ball 96ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 96ball 96b		T/A T/A	T/A	T/A S:/A [15] S:/A [15] T/A T/A			T/A ^[6]	T/A	T/A		T/A T/A						
CXMT CXDI CXDI CXDI CXDI CXDI CXDI CXDI CXDI	DQ38FAM-CQ-A DB3ABAM-MK DB4ABAM-MK DB4ABAM-MK DB4ABAM-MK DB5CCAM-MK A SDB1CBACAC SDB1CBACACAC SDB1CBACACAC SDB1CBACACACACACACACACACACACACACACACACACAC	EOL	8G bit 8G bit 16G bit 16G bit 16G bit 32G bit 32G bit 4G bit	\$12M+16 256M+32 \$15M+32 \$12M+32 1024M+32 1024M+32 256M+16 256M+16 256M+16 256M+16 256M+16 256M+16 126M+15 64M+15 64M+15 128M+16 128M+16 128M+16 128M+16 128M+16 128M+16	DDMA LPDORAL/PDDRAX ^{1/2} LPDORAL/PDDRAX ^{1/2} LPDORAL/PDDRAX ^{1/2} LPDORAL/PDDRAX ^{1/2} DDRAS LPDORAL/PDDRAX ^{1/2} DDRAS DDRAS DDRA DRA DDRA DRA DR	96ball 96b		T/A T/A	T/A T/A ^[7] T/A ^[7] T/A T/A T/A T/A T/A	5/A [15] 5/A [15] T/A		T/A (0)	T/A	T/A	T/A		T/A T/A						
CXMT CXDI CXDI CXDI CXDI CXDI CXDI CXDI CXDI	DB3ABAM-MIK DB4CBAM-MIK AS4G16V-F9GNC AS5G16V-F9GNC	EOL	8G bit 16G bit 16G bit 16G bit 32G bit 34G bit 44G bit 44G bit 44G bit 44G bit 14G bit	256M+32 512M+32 512M+32 1024M+32 1024M+32 256M+16 256M+16 256M+16 256M+16 64M+16 64M+16 64M+16 128M+16 128M+16 128M+16 128M+16 128M+16 128M+16 128M+16 128M+16 128M+16	LPORAL/PORAX*** LPDRAL/PORAX** LPDRA	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 96ball		T/A T/A	T/A [7] T/A [7] T/A T/A T/A T/A T/A T/A	T/A				T/A	T/A		T/A T/A						
GigaDevice GDP	DBACEBAM-MK-R DBASCCAM-MK DPTBERM-CB PTBERM-CB Q28FAA-CE Q28FAA-CE Q28FAA-CE Q28FAA-CE 454G16V-F9GNC 4	EOL	166 bit 326 bit 46 bit 46 bit 16 bit	512M+32 1024M+32 256M+16 256M+16 256M+16 256M+16 256M+16 256M+16 64M+16 64M+16 64M+16 128M+16 128M+16 128M+16 128M+16 128M+16	I_PDORALIPODRANC ¹⁰ LPDORALIPODRANC ¹⁰ LPDORALIPODRANC ¹⁰ DDR3L DDR4 DDR4 DDR4 DDR4 DDR4 DDR4 DDR8L	200ball 200ball 200ball 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 T/A	T/A			T/A		T/A		T/A						
GigaDevice GDP	PTBREM-CB PTBREM-CA OQ28FAA-CE OQ28FAA-CE OQ28FAA-CJ AS4G16V-F9GNC AS4G16V-F9GN	EOL	32G bit 4G bit 4G bit 4G bit 4G bit 4G bit 1G bit	1024M+32 259M+16 259M+16 259M+16 259M+16 259M+16 259M+16 459M+16 54M+16 54M+16 54M+16 54M+16 128M+16 128M+16 128M+16 128M+16 128M+16	DDR3L DDR4 DDR4 DDR4 DDR4 DDR4 DDR2 DDR3L	2005ali 96bali		T/A T/A T/A	T/A T/A T/A T/A	T/A					T/A								
GigaDevice GDP	PTBREM-CB PTBREM-CA OQ28FAA-CE OQ28FAA-CE OQ28FAA-CJ AS4G16V-F9GNC AS4G16V-F9GN	EOL	4G bit 4G bit 4G bit 4G bit 4G bit 4G bit 1G	256M+16 256M+16 256M+16 256M+16 256M+16 256M+16 256M+16 64M-16 64M-16 64M-16 128M+16 128M+16 128M+16 128M+16 128M+16	DDR3L DDR4 DDR4 DDR4 DDR4 DDR4 DDR2 DDR3L	96ball 96ball 96ball 96ball 96ball 84ball 96ball 96ball 96ball		T/A T/A	T/A T/A T/A	T/A				T/A	T/A								
JHICC CAS M144 M15 M154 M154 M154 M154 M155 M156 M	0/28FAA-CE 0/28FAA-CE 1/28FAA-CE	EOL	4G bit 4G bit 4G bit 1G bit 1G bit 1G bit 1G bit 1G bit 2G bit 2G bit 4G bit	256M+16 256M+16 256M+16 256M+16 64M+16 64M+16 128M+16 128M+16 128M+16 128M+16 128M+16	DDR4 DDR4 DDR4 DDR2 DDR3 DDR3 DDR3 DDR31 DDR31 DDR31 DDR31 DDR31	96ball 96ball 96ball 96ball 96ball 96ball 96ball		T/A	T/A T/A	T/A				T/A	T/A								
JHICC CAS M144 M15 M154 M154 M154 M154 M155 M156 M	0/28FAA-CE 0/28FAA-CE 1/28FAA-CE	EOL	4G bit 4G bit 4G bit 1G bit 1G bit 1G bit 1G bit 1G bit 2G bit 2G bit 4G bit	256M+16 256M+16 256M+16 256M+16 64M+16 64M+16 128M+16 128M+16 128M+16 128M+16 128M+16	DDR4 DDR4 DDR4 DDR2 DDR3 DDR3 DDR3 DDR31 DDR31 DDR31 DDR31 DDR31	96ball 96ball 96ball 96ball 96ball 96ball 96ball		T/A	T/A T/A					T/A	T/A								
GOQ JHICC CAM M14 M15 M	028FAA-CJ 454G16V-F9GNC 454G16V-F9GNC 451G166AA-188G25 571G166AA-288G3C 571G166AA-288G3C 571G166AA-288G3C 571G166AA-288G3C 571G1616AA-288G3C 571G16AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G1616AA-288G3C 571G16AA-288G3C 571G16AA-288G3C 571G16AA-288G3C 571G16AA-288G3C 571G16AA-288G3C 571G16AA	EOL	4G bit 4G bit 1G bit 1G bit 1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit 4G bit	256M×16 256M×16 64M×16 64M×16 64M×16 128M×16 128M×16 128M×16 128M×16 128M×16	DDR4 DDR2 DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L	96ball 96ball 84ball 96ball 96ball 96ball 96ball		T/A	T/A					1/4	1/4								
M141 M15 M16	1401G1664A-188G2S 15T1G1664A-DEBG2C 15T1G1664A-DEBG2C 15T1G1664A-DEBG2S 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2C 15T4G16256	EOL	1G bit 1G bit 1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit	64M×16 64M×16 64M×16 128M×16 128M×16 128M×16 128M×16 256M×16	DDR2 DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L	84ball 96ball 96ball 96ball 96ball			T/A [8]							-		1			1		
M141 M15 M16	1401G1664A-188G2S 15T1G1664A-DEBG2C 15T1G1664A-DEBG2C 15T1G1664A-DEBG2S 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T2G16128A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2C 15T4G16256	EOL	1G bit 1G bit 1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit	64M×16 64M×16 64M×16 128M×16 128M×16 128M×16 128M×16 256M×16	DDR2 DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L	84ball 96ball 96ball 96ball 96ball			T/A ^[8]														
M15' M15' M15' M15' M15' M15' M15' M15'	15TIG166A-DEBGZC 15TIG166A-DEBGZCS 15TIG166A-BEPGZS 15TIG166A-BEPGZS 15TIG161A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL	EOL	1G bit 1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit	64M×16 64M×16 64M×16 128M×16 128M×16 128M×16 256M×16	DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L	96ball 96ball 96ball 96ball				N/A													
M15' M15' M15' M15' M15' M15' M15' M15'	15TIG166A-DEBGZC 15TIG166A-DEBGZCS 15TIG166A-BEPGZS 15TIG166A-BEPGZS 15TIG161A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG1612A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL 15TIG16125A-DEBGZL	EOL	1G bit 1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit	64M×16 64M×16 64M×16 128M×16 128M×16 128M×16 256M×16	DDR3L DDR3L DDR3L DDR3L DDR3L DDR3L	96ball 96ball 96ball 96ball				N/A													
M15' M15' M15' M15' M15' M15' M15' M15'	ST1G1664A-EFBG2S 5172G16128A-D8BG2L 5172G16128A-D8BG2L 5172G16128A-D8BG2R 5174G1625A-D8BG2R 5184G1625A-D8BG2L 5184G1625A-D8BG2L 514G16256A-D8BG2S 514G16256A-D8BG2S 614G16256A-D8BG2S 614G16256A-D8BG2S	EOL	1G bit 1G bit 2G bit 2G bit 2G bit 4G bit 4G bit 4G bit 4G bit	64M×16 64M×16 128M×16 128M×16 128M×16 256M×16	DDR3L DDR3L DDR3L DDR3L	96ball 96ball 96ball					T/A T/A												
ESMT M15' M15' M15' M15' M15' M15' M15' M15'	15T2G16128A-DEBG2L 5T2G16128A-DEBG2LS 5T2G16128A-DEBG2R 15T4G162256A-DEBG2L 15F4G16256A-DEBG2L 15F4G16256A-DEBG2L 15T4G16256A-DEBG2G 15T4G16256A-DEBG2G 15T4G16256A-DEBG2S 16U4G16256A-VIBG	EOL	2G bit 2G bit 2G bit 4G bit 4G bit 4G bit	128M×16 128M×16 128M×16 256M×16	DDR3L DDR3L	96ball				T/A												T/A	
ESMT M15' ESMT M15' M15' M15' M15' M15' M16' M16' M16' M56'	572G16128A-DEBG2LS 572G16128A-DEBG2R 574G16256A-DEBG2L 574G16256A-DEBG2L 574G16256A-DEBG2C 574G16256A-DEBG2G 574G16256A-DEBG2G	EOL	2G bit 2G bit 4G bit 4G bit 4G bit	128M×16 128M×16 256M×16	DDR3L					T/A													
ESMT M15' M15' M15' M15' M15' M15' M15' M16' M16' M56'	STZG16128A-DEBG2R ST4G16256A-DEBG2L SF4G16256A-DEBG2L ST4G16256A-DEBG2R ST4G16256A-DEBG2G ST4G16256A-DEBG2S GUAG16256A-UBG	EOL EOL	2G bit 4G bit 4G bit 4G bit	128M×16 256M×16						T/A	T/A			N/A	N/A T/A	T/A			T/A T/A				
ESMT M15' M15' M15' M15' M15' M16' M16' M16' M56	15T4G16256A-DEBG2L 15T4G16256A-DEBG2L 15T4G16256A-DEBG2R 15T4G16256A-DEBG2G 15T4G16256A-DEBG2S 15T4G16256A-DEBG2S	EOL EOL	4G bit 4G bit 4G bit	256M×16		96ball 96ball				T/A	T/A			T/A		T/A	T/A	T/A	T/A				_
M15' M15' M16' M16' M16' M56'	ST4G16256A-DEBG2R ST4G16256A-DEBG2G ST4G16256A-DEBG2S 6U4G16256A-KJBG	EOL	4G bit	256M×16	DDR3L	96ball				1/4		T/A	T/A										_
M15' M15' M16' M16' M56'	5T4G16256A-DEBG2G 5T4G16256A-DEBG2S 6U4G16256A-KJBG		4G bit		DDR3	96ball					N/A	N/A	N/A	N/A	N/A				N/A				
M15' M16' M16' M56'	I 5T4G16256A-DEBG2S I 6U4G16256A-KJBG		4C his	256M×16 256M×16	DDR3L DDR3L	96ball 96ball				T/0				T/A	T/A								_
M16i M16i M56i	16U4G16256A-KJBG		4G bit 4G bit	256M×16 256M×16	DDR3L DDR3L	96ball 96ball				T/A T/A				T/A	I/A								-
M16i M56i	16U4G16256A-OLBG		4G bit	256M×16	DDR4	96ball				T/A				T/A	T/A								
			4G bit	256M×16	DDR4	96ball			T/A					T/A	T/A								\supset
19	56Z8G32256A-SMBIG		8G bit	256M×32	LPDDR4	200ball				S/A [15]													
	B15H1G160CF-13K		1G bit	64M×16	IDDR3	96ball					T/A												
	B15H1G160AF-13K		1G bit	64M×16	DDR3 DDR3	96ball					T/A												_
SCN ⁻	N13H2G160AF-13K		2G bit	128M×16	DDR3	96ball															T/A		
	B13H2G160AF-11M		2G bit	128M×16	DDR3L	96ball					T/A								T/A				
	B15H2G160AF-13K B13H2G160EF-09N	EOL	2G bit 2G bit	128M×16 128M×16	DDR3 DDR3L	96ball 96ball				T/A	T/A			T/A	T/A T/A	T/A	T/A	7/4					
UniIC SCB1	B13H4G160AF-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	T/A T/A	T/A				_
HXB*	B15H4G800AF-13K		4G bit	512M×8	DDR3	78ball					T/A	- 7	.,				.,		T/A				_
	B13H4G160AF-13KT		4G bit	256M×16	DDR3	96ball					T/A							T/A	T/A		T/A	T/A	
	(115H4G160AF-13K B13H8G162BF-11M		4G 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					_
	B12Q4G160AF-07Q		4G bit	256M×16	DDR4	96ball		T/A	T/A	T/A		.,,,	1/4 1/4	1,1	1,10		1/1	1/1					_
HXB	(B18T1G160AF-25D (B18T2G160AF-25D		1G bit	64M×16 128M×16	DDR2 DDR2	84ball 84ball														V			256M16在RK3066。
	B15H2G800BF-15H		2G bit 2G bit	256M×8	DDR3	78ball												T/A		N/A	T/A	N/A T/A	RK31xx平台上需要添 加定频相关补丁。并
HXB.	(B15H2G160CF-13K		2G bit	128M×16	DDR3	96ball															T/A		且对参考层完整性要
	(B15H4G800BF-15H (B15H4G160BF-15H		4G bit 4G bit	512M×8 256M×16	DDR3 DDR3	78ball 96ball												T/A T/A		N/A ^[1]	T/A	N/A T/A [1] T/A	求较高、需要严格遵
IIAD	B13114G100B1-1311		40 Dit	ZJOWI N TO	DDR3	Jobali	1	L			1		-	1				1/8		1/8		1/8	照我们的布板要求布
W97	9751G6KB-25		512M bit	32M×16	DDR2	84ball					T/A												
W97	9751G6NB-25		512M bit	32M×16 64M×16	DDR2 DDR2	84ball 84ball					T/A												
W97	971GG6SB-18 531GG6KB-12		1G bit 1G bit	64M×16	DDR2 DDR3	96ball					T/A T/A								T/A				_
W63	531GG6MB-12	EOL	1G bit	64M×16	DDR3	96ball					T/A								1,14				
	531GU6NB-12		1G bit	64M×16	DDR3L	96ball					T/A [10]												
	532GG6KB-15 532GG6NB-12		2G bit 2G bit	128M×16 128M×16	DDR3 DDR3	96ball 96ball		N/A	N/A	N/A	N/A	N/A	N/A N/A	N/Δ	N/A	N/A	N/A N/A	T/A N/A	N/A	N/A	T/A N/A	T/A T/A N/A N/A	
W63	532GU6NB-09		2G bit	128M×16	DDR3L	96ball		//		T/A	, A	, A	.v/A	/8	,.	1976	, N/A	,.	MA	//	//	IN/A	
W63	532GU6QB-09		2G bit	128M×16	DDR3L	96ball			T/A	T/A							(12)						
W63-	534GU6QB-11 534GU6QB-09		4G bit	256M×16 256M×16	DDR3L DDR3L	96ball 96ball			T/A				T/A [13]			T,	/A [13]						
	66BL6NBUAFI		2G bit	128M×16	LPDDR4	200ball			-,	S/A [15]													
W66	56CL2NQUAFI		4G bit	128M×32	LPDDR4	200ball		\Box		S/A [15]													
	ACODA COMPA DOLL		5401	201	0000																		
	168B16CWPA-25H 168B16CWQK-18H		512M bit 512M bit	32M×16 32M×16	DDR2 DDR2	84ball 84ball					T/A			+						√			_
	168B16CWQK-18H		512M bit	32M×16	DDR2	84ball					T/A							-					
	16GC16EWKG-12H		1G bit	52M×16 64M×16	DDR3	96ball				T/A	T/A				-	-			T/A				-
	16GC16EWKE-12H	EOL	2G bit	128M×16	DDR3	96ball				.,,	T/A								-//-				
	16GC16EWXD-12H	EOL	2G bit	128M×16	DDR3	96ball					T/A												
	16GD16EWKG-12H	EOL	2G bit	128M×16	DDR3	96ball					T/A			T/A	T/A				T/A				
EM60	16GD16EWXF-12H	EOL	2G bit	128M×16	DDR3	96ball					T/A			T/A					T/A				
	16GD16EWBH-12H		2G bit	128M×16	DDR3	96ball										T/A	T/A				T/A		
Etron Tech	16HC16EWBH-09H		2G bit	128M×16	DDR3L	96ball				T/A													台湾颗粒厂商,兼容
EM60	16GE16EW5B-15H		4G bit	256M×16	DDR3	96ball												T/A		T/A	T/A	T/A T/A	性较好
	16GE08EW8C-12H		4G bit	512M×8	DDR3	96ball															T/A	T/A	
	16GE16EWXC-12H		4G bit	256M×16	DDR3	96ball												T/A			T/A	T/A T/A	
	16HE16EWXD-12H	EOL	4G bit	256M×16	DDR3L	96ball					T/A	T/A	T/A			T/A	T/A		T/A				_
	16GE16EWXD-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	_
	16GE16EW5F-12H 16HE16EW5F-12H	EOL EOL	4G bit	256M×16 256M×16	DDR3 DDR3L	96ball 96ball						T/A	T/A		T/A			1					_
	16HE16EW5F-12H 16HE16EWAKG-10H	EOL	4G bit	256M×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					
	16GE16EWAKG-10H		4G bit	256M×16	DDR3	96ball				T/A		-,,,	T/A	-/-	.,,,		T/A 1/A	-//-					
EM6	16OE16NWAKA-08H		4G bit	256M×16	DDR4	96ball		T/A	T/A	T/A													
	·				· <u></u>				_			_							·	_	· <u>-</u>		



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806	RK3399F	Day.	3288 A	:K3368/RK3228 :/RK3228B/RK 229/PX5	RK290x RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026 RK3036/RK3036	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	
	A3R12E40DBF-AH		512M bit	2014 46	0000	84hall												м м		3	229/PX5		8/PX3-3E	/KK3126		
	A3R12E40DBF-AH A3T1GF40CBF-HP		512M bit 1G bit	32M×16 64M×16	DDR2 DDR3	84ball 96ball		N/A	N/A	N/A	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	N/A	N/A	N/A	
	A3T1GF40CBF-GM		1G bit	64M×16	DDR3	96ball		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A	
	A3T2GF40BBF-GM		2G bit	128M×16	DDR3	96ball		,			N/A				,		,	1,4,1				,	T/A			1
7	A3T2GF40CBF-HP		2G bit	128M×16	DDR3	96ball					T/A															
	A3T4GF40BBF-HP		4G bit	256M×16	DDR3	96ball					T/A															
<u>/</u>	A3T4GF40ABF-GM		4G bit	256M×16	DDR3	96ball						T/A		T/A		T/A										
[A3F4GH40CBF-WD A3F8GH40BBF-KD		4G bit 8G bit	256M×16 512M×16	DDR4	96ball 96ball									T/A T/A				_	-						
į,	A8XAGH50BBA-PM		16G bit	512M×32	LPDDR4X	200ball		T/A	T/A						.,,,					_						
,	A8XBGH52BBA-PM		32G bit	1024M×32	LPDDR4X	200ball		T/A	T/A																	
						•																				
	IS43TR16640B-125KBL		1G bit	64M×16	0003	96ball															-					
	IS43TR16128C-125KBL		2G hit	128M×16	DDR3	96ball					T/A T/A				T/A	T/A	T/A		T/A		T/A					
	IS43TR16512BL-125KBLI		8G bit	512M×16	DDR3L	96ball					.,,,		T/A		.,,,	.,.	.,.	T/A	1,74		.,.		T/A			
	PME810816CBR-G8DN	1	1G bit	64M×16	DDR2	84hali		- 1		Г	T/A														1	1
	PMF510816ABR-G8DN		1G bit	64M×16	DDR3	96ball					1/4											٧				1
F	PMF511816ABR-G8DN		2G bit	128M×16	DDR3	96ball																· ·				1
	PMF511816DBR-KADN		2G bit	128M×16	DDR3	96ball														T/A					T/A	
	PMF411816HBR-NCDN		2G bit	128M×16	DDR3L	96ball				T/A																
	PMF412816HBR-KADN PMF512816BBR-KADN		4G bit 4G bit	256M×16 256M×16	DDR3L DDR3	96ball 96ball									T/A	T/A		\vdash		T/A					T/A	1
	PMF512816BBR-KADN PMF512816DBR-KADN		4G bit	256M×16 256M×16	DDR3	96ball														T/A			T/A	T/A	T/A	1
F	PMF512816HBR-KADN		4G bit	256M×16	DDR3	96ball														/A ^[9]						
	PMF512816HBR-NCDN		4G bit	256M×16	DDR3	96ball				T/A																
	PMF412816FBR-KADN TMF42G6HBR-NCDN		4G bit 2G bit	256M×16 128M×16	DDR3L DDR3L	96ball 96ball			T/A	T/A					T/A	T/A				T/A						
	TMF54G6HBR-KADN		4G bit	256M×16	DDR3L DDR3	96ball			I/A	1/A					I/A	I/A				/A ^[9]						-
	TMF54G6HBR-NCDN		4G bit	256M×16	DDR3	96ball				T/A										_						
		-					-				-															*
	I5TQ4G63EFR		4G bit	256M×16	DDR3	96ball						T/A		T/A	T/A	T/A										
	EL38NMAAA1-PBER		8G bit	256M×32	LPDDR3	178ball							T/A					T/A								
F	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	
ſ	PE918-15E		2G bit	256M×8	DDR3	78ball														T/A		T/A	T/A	T/A	T/A	
	(PRN256M8V79DG8GQF-15E)																					.,	-,	-,	7	
	PE936-15E (PRN256M8V89CG8GQF-15E)		2G bit	256M×8	DDR3	78ball													1	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		4G bit	256M×16	DDR3	96ball														T/A		T/A	T/A	T/A	T/A	
	(PRN256M16V80AG8GPF-15E)																			,		-,	-,		7	
	PEB16-15E (PRM256M16V80AG8GPF-15E)		4G bit	256M×16	DDR3	96ball														T/A			T/A	T/A	T/A	
	PE017																									
ĺ	(SUU256M16V90BG8LY-125TP)		4G-bit	256M×16	DDR3	96ball																		T/A		
r	PE039		4G bit	256M×16	DDR3	96ball					T/A										T/A					
	(SUU256M16V90BG8LY-125TP) PE029																									
	PE029 PRN256M16V00HG8GNF-125		4G bit	256M×16	DDR3	96ball				T/A					T/A	T/A										
SPECTER	Z9QHG		4G bit	128M×32	LPDDR2	96ball														T/A					T/A	MICRON子品牌,
((SM128MX32U80MD1LGU-25FT)		4G DIL	120W1×32	LFDDRZ	900411														1/A					1/A	兼容性良好
F	PB047 (SS256M32V01MD1LPF-107BT)		8G bit	256M×32	LPDDR3	178ball						N/A	N/A	N/A	N/A	N/A										
-	(SS256M32V01MD1LPF-10/B1) PB008																									1
	PB008 (SM512M322E0FD4LHL)		16G bit	512M×32	LPDDR3	178ball							T/A					T/A								
F	PS006		8G bit	256M×32	LPDDR4	200ball							N/A					N/A								1
<u> </u>	(SU256M32Z01MD1BNP)		og bit	20WI×32	LFDDR4	ZUUDdii							N/A					N/A								1
F	PS007 (SU512M32Z01MD2BNP)		16G bit	512M×32	LPDDR4	200ball							T/A					T/A								
<u> </u>	(SU512M32Z01MD2BNP) (PS086)																			-+						4
	(PS086) SU256M64Z00MD4DKN		16G bit	256M×64	LPDDR4	366ball							T/A					T/A								
	PS004		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								1
	(SM512M64Z91MD4BNK)		SZG DIT	312M×64	LPDDR4	SOODAII							1/A					1/A								
F	PS035	T	32G bit	512M×64	LPDDR4	366ball	Ī	I					T/A				1	T/A		ſ	П	Ī				
<u> </u>	(SU512M64Z01MD4BNK) PS013																									1
	PS013 (SM512M64Z01MD4BNK)		32G bit	512M×64	LPDDR4	366ball							T/A					T/A								
li li																										



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1126/ RV1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806		99PRO NPU_RA 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RK兼容情况
	P3R1GE4CFF-G8E		1G bit	64M×16	DDR2	84ball																√				
	P3R1GE3FGF-G8E P2P2GF4ALF-GGN		1G bit 2G bit	128M×8 128M×16	DDR2 DDR3	84ball 96ball					T/A										T.0	√				
	P2P2GF4ALF-GGN P2P2GF4ALF-GJS		2G bit	128M×16 128M×16	DDR3	96ball					T/A	T/A		T/A	T/A	T/A					T/A					
MIRA	P3P4GF3BLF-GGN		4G bit	512M×8	DDR3	78ball					1/4	1/8		1/4	1/4	1/4				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	N/A	1
	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	N/A	
	P3P4GF4DMF-GJS		4G bit	256M×16	DDR3	96ball				T/A		T/A		T/A	T/A	T/A										
	P5M4GK4CMF-GMX		4G bit	256M×16	DDR4	96ball											T/A		T/A							
	D1216ECMDXGJD		2G bit	128M×16	DDR3L	96ball				T/A			I		T/A	T/A									T	
	D5128EETBPGGBU		4G bit	512M×8	DDR3	78ball														T/A			T/A	T/A	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]	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	T/A					
	D2516JC4BXGJD		4G bit	256M×16	DDR3	96ball														T/A						
	B5116ECMDXGJD		8G bit	512M×16	DDR3L	96ball							T/A					T/A		T/A						
	D2516ACPCXGRK		4G bit	256M×16	DDR4	96ball		T/A	T/A	T/A					T/A	T/A										
	D5116AH8CXGUM		8G bit	512M×16	DDR4	96ball		T/A	T/A	T/A		T/A		T/A												256M16在RK3066,
	D5116AN9CXGPRK		8G bit	512M×16	DDR4	96ball									T/A		T/A		T/A		T/A					RK31xx平台上需要消
Kingston	D2532LA3WLGJA D2532LA6MLGJA		8G bit 8G bit	256M×32 256M×32	LPDDR3 LPDDR3	178ball 178ball						T/A		T/A	T/A	T/A	T/A		T/A		T/A					加定频相关补丁。并 且对参考层完整性要
Killystoil	D0811LN2ALGJA		8G bit	256M×32 256M×32	LPDDR3	178ball				T/A		1/A		1/A	1/A	1/K	1//		1/A							且对参考层元整性要 求较高,需要严格遗
	KB23AADL3E08G		8G bit	512M×16	LPDDR3	178ball				1/6										T/A						照我们的布板要求有
	D2516PC1CDGPLR		8G bit	256M×32	LPDDR3	200ball							T/A					T/A		.,						板。
	B1621PC6FDGUKR		16G bit	512M×32	LPDDR4	200ball		T/A [7]	T/A [7]	S/A [15]																1
	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	N/A	
	B5116PH3MDGPAR		16G bit	512M×32	LPDDR4	200ball				S/A [15]			T/A					T/A								
	B1621XH5ADGTKR		16G bit	512M×32	LPDDR4X	200ball		T/A [7]	T/A [7]	S/A [15]																
	B2421XC4FDGTKR		24G bit	768M×32	LPDDR4X	200ball		T/A	T/A																	
	B3221XC5GDGTKR		32G bit	1024M×32	LPDDR4X	200ball		T/A [7]	T/A [7]	N/A																
	Q3222XH6BDGUAR		32G bit	1024M×32	LPDDR4X	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	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		T/A			1
	F62C1A0004-M5		4G bit	256M×16	DDR4	96ball		T/A	T/A	T/A																
	FD4V10004-22		4G bit	256M×16	DDR4	96ball									T/A	T/A										
	FD45116ZSA062C		8G bit	512M×16	DDR4	96ball		T/A	T/A						T/A											
	NCLD3B1128M32		4G bit	128M×32	LPDDR3	178ball									T/A	T/A										
	NCLD3B2256M32		8G bit/ 2cs	256M×32	LPDDR3	178ball							T/A					T/A		T/A						
	NCLD4C1MA256M32		8G bit	256M×32	LPDDR4	200ball							T/A					T/A								
	NCLDXC1MG256M32												T/A					T/A								
			8G bit	256M×32	LPDDR4/LPDDR4X[11]	200ball		N/A	N/A	S/A [15]																
FORFEFF	FL4C2001G-D9		8G bit	256M×32 256M×32	LPDDR4	200ball				S/A [15]																
FORESEE	FLXC2002G-N2		8G bit 16G bit	256M×32 256M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11]	200ball 200ball		T/A	T/A	S/A [15] S/A [15]			N/A					N/A								
FORESEE	FLXC2002G-N2 FLXC2002G-26		8G bit 16G bit 16G bit	256M×32 256M×32 512M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11] LPDDR4/LPDDR4X ^[11]	200ball 200ball 200ball		T/A T/A	T/A T/A	S/A [15]			N/A					N/A								
FORESEE	FLXC2002G-N2 FLXC2002G-26 FLXC2002G-C4	FOL	8G bit 16G bit 16G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11]	200ball 200ball		T/A	T/A	S/A [15] S/A [15]			N/A													
FORESEE	FLXC2002G-N2 FLXC2002G-26 FLXC2002G-C4 NCLD4C2MA512M32	EOL	8G bit 16G bit 16G bit 16G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11] LPDDR4/LPDDR4X ^[11] LPDDR4X LPDDR4	200ball 200ball 200ball 200ball		T/A T/A	T/A T/A	S/A [15] S/A [15]			T/A					T/A								
FORESEE	FLXC2002G-N2 FLXC2002G-26 FLXC2002G-C4	EOL	8G bit 16G bit 16G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11] LPDDR4/LPDDR4X ^[11] LPDDR4X	200ball 200ball 200ball 200ball 200ball	N/A	T/A T/A	T/A T/A	S/A [15] S/A [15]	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	
FORESEE	FLXC2002G-N2 FLXC2002G-26 FLXC2002G-C4 NCLD4C2MA512M32 NCLDXC1MC512M32	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32	LPDDR4 LPDDR4/LPDDR4X ^[11] LPDDR4/LPDDR4X ^[11] LPDDR4X LPDDR4 LPDDR4/LPDDR4X ^[11] LPDDR4/LPDDR4X ^[11]	200ball 200ball 200ball 200ball 200ball 200ball	N/A	T/A T/A T/A	T/A T/A T/A	S/A [15] S/A [15] S/A [15]	N/A	N/A	T/A T/A	N/A	N/A	N/A	N/A	T/A T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FLXC2002G-N2 FLXC2002G-26 FLXC2002G-26 NCLD4C2M4512M32 NCLDXCTM512M32 NCLDXCTM512M32 FLXC1002G-N1 FLXC2002G-49	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 24G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 768M×32	LPDDR4 LPDDR4/LPDDR4X LPDDR4/LPDDR4X LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4 LPDDR4/LPDDR4X LPDDR4/LPDDR4X LPDDR4/LPDDR4X LPDDR4/LPDDR4X LPDDR4/LPDDR4X	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball	N/A	T/A T/A T/A N/A T/A	T/A T/A T/A T/A T/A	S/A [15] S/A [15] S/A [15]	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FLXC20026-N2 FLXC20026-26 FLXC20026-26 FLXC20026-24 NCLD4C2M4512M32 NCLDXC1M512M32 NCLDXC1M512M32 FLXC10026-N1 FLXC20036-49 FLXC20036-49 FLXC20036-26	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 24G bit 32G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 768M×32 1024M×32	LPDDR4 LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4 LPDDR4 LPDDR4 LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDRAX[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11]	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball		T/A T/A T/A N/A T/A N/A	T/A T/A T/A N/A T/A N/A	S/A [15] S/A [15] S/A [15]	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FIXC2000G-N2 FIXC2000G-26 FIXC2000G-26 FIXC2000G-24 NCLDACENAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIXC100G-N1 FIXC200G-49 FIXC200G-49 FIXC200G-26 FIXC200G-N1	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 24G bit 24G bit 32G bit	256M+32 256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 102M+32 102M+32	LPDDRA/LPDDRAX**** LPDDRA/LPDDRAX**** LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY*** LPDDRAYLPDDRAX**** LPDDRAYLPDDRAX*** LPDDRAYLPDDRAX*** LPDDRAYLPDDRAX*** LPDDRAYLPDDRAX** LPDDRAYLPDDRAX** LPDDRAYLPDDRAX** LPDDRAYLPDDRAX** LPDDRAYLPDDRAX** LPDDRAYLPDDRAX*** LPDDRAYLPDDRAX**** LPDDRAYLPDDRAX**** LPDDRAYLPDRAYLPDDRAX*** LPDDRAYLPDDRAX**** LPDDRAYLPDDRAX**** LPDDRAYLPDRAX************************************	200bali 200bali 200bali 200bali 200bali 200bali 200bali 200bali 200bali 200bali 200bali	T/A	T/A T/A T/A N/A T/A	T/A T/A T/A T/A T/A	S/A [15] S/A [15] S/A [15]	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FLXC20026-N2 FLXC20026-26 FLXC20026-26 FLXC20026-24 NCLD4C2M4512M32 NCLDXC1M512M32 NCLDXC1M512M32 FLXC10026-N1 FLXC20036-49 FLXC20036-49 FLXC20036-26	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 24G bit 32G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 768M×32 1024M×32	LPDDR4 LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4 LPDDR4 LPDDR4 LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDRAX[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11] LPDDR4/LPDDR4X[11]	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball		T/A T/A T/A N/A T/A N/A	T/A T/A T/A N/A T/A N/A	S/A [15] S/A [15] S/A [15]	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FLXC8000G-N2 FLXC8000G-N2 FLXC8000G-26 FLXC8000G-26 NCL04C2M4512M32 NCLDXC1MS12M32 NCLDXC1MS12M32 FLXC8000G-N1 FLXC8000G-49 FLXC8000G-36 FLXC8000G-30 FLXC8000G-30	EOL	8G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 16G bit 24G bit 32G bit 32G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 2046M×32	LPDDRA/LPDDRAX ⁽¹⁾ LPDDRA/LPDDRAX ⁽¹⁾ LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY/LPDDRAX ⁽¹⁾ LPDDRA/LPDDRAX ⁽¹⁾ LPDDRA/LPDDRAX ⁽¹⁾ LPDDRA/LPDDRAX ⁽¹⁾ LPDDRA/LPDDRAX LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY LPDDRAY	200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball 200ball	T/A	T/A T/A T/A N/A T/A N/A	T/A T/A T/A N/A T/A N/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FIXC2000G-N2 FIXC2000G-26 FIXC2000G-26 FIXC2000G-24 NCLDACENAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIXC100G-N1 FIXC200G-49 FIXC200G-49 FIXC200G-26 FIXC200G-N1	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 2048M×32 2048M×32	LPDDRA/LPDDRAX*** LPDDRA/LPDDRAX*** LPDDRAX LPDDRAX LPDDRAX LPDDRAX LPDDRAY LPDDRAY** LPDDRAYPDDRAX** LPDDRAYPDDRAX** LPDDRAYPDDRAX** LPDDRAYPDDRAX LPDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDRAX LPDDRAYPDR	200ball	T/A	T/A T/A T/A N/A T/A N/A	T/A T/A T/A N/A T/A N/A	S/A (15) S/A (15) S/A (15) N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	T/A T/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FIX.C000G-N2 FIX.C000G-12 FIX.C000G-26 FIX.C000G-26 FIX.C000G-24 NCLD4C-MAS12M32 NCLDXC1MS12M32 NCLDXC1MS12M32 FIX.C000G-10 FIX.C000G-10 FIX.C000G-10 FIX.C000G-30 FIX.C000G-30 BWPDD3X16A98-04Gb BWSD3X16A98-04Gb	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 2046M×32	LPDDRA LPDDRAVIPDDRAX*** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX** LPDDRAVLPDDRAX* LPDDRAVLPDRAX* L	2005all 2005al	T/A	T/A T/A T/A N/A T/A N/A	T/A T/A T/A N/A T/A N/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A	N/A		N/A	N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	EJXC2002G-142 FJXC2002G-26 FJXC2002G-26 FJXC2002G-26 NCLD4CCMAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FJXC1002G-81 FJXC2003G-49 FJXC2004G-26 FJXC2004G-N1 FJXC2006G-30 BWPDD3X16A98-04Gb	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 1024M×32 2048M×32 2048M×32	LPDDRA/LPDDRAX*** LPDDRA/LPDDRAX*** LPDDRAX LPDDRAX LPDDRAX LPDDRAX LPDDRAY LPDDRAY** LPDDRAYPDDRAX** LPDDRAYPDDRAX** LPDDRAYPDDRAX** LPDDRAYPDDRAX LPDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDDRAX LPDRAYPDDRAX LPDDRAYPDDRAX LPDDRAYPDRAX LPDDRAYPDR	200ball	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 T/A T/A T/A N/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	EJXC2002G-142 FJXC2002G-26 FJXC2002G-26 FJXC2002G-24 NCLD4CZMAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FJXC2003G-49 FJXC2003G-49 FJXC2004G-N1 FJXC4004G-26 FJXC2004G-N1 FJXC4004B-30 BWYDD3X16A98-04Gb BWSDDXX16A98-04Gb	EOL	85 bit 166 bit	256M×12 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 102M×32 102M×32 102M×32 2048M×32 2048M×32 2048M×32 256M×16	LIDORA LIDORAL PODRAKI LIDORAL PODRAK DORAL DORAL DORAL DORAL	2005all 96ball 96ball 96ball 96ball	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 T/A T/A T/A N/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A T/A	N/A		N/A	N/A	T/A T/A N/A T/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FORESEE	FIX.C000G-N2 FIX.C000G-12 FIX.C000G-26 FIX.C000G-26 FIX.C000G-24 NCLDACCMAS12M32 NCLDXC1MS12M32 NCLDXC1MS12M32 FIX.C000G-49 FIX.C000G-49 FIX.C000G-26 FIX.C000G-26 FIX.C000G-30 BWSD03X16A98-04Gb BWSD3X16A98-04Gb BWSD3X16A98-04Gb BWSD3X1FA98-04Gb	EOL	8G bit 16G bit 24G bit 32G bit 32G bit 44G bit 44G bit 44G bit 44G bit 44G bit 44G bit 86G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 2048M×32 2048M×32	LIDDRA LIDDRALPDORAKIII LIDDRALPDORAKIII LIDDRALPDORAKII LIDDRAL LIDDRALPDORAKI LIDDRALPDORAKII LIDDRALPDRALPDORAKII LIDDRALPDRALPDRALPDRALPDRALPDRALPDRALPDRAL	200ball 300ball 300bal	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 T/A T/A T/A N/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A T/A	N/A		N/A		T/A T/A N/A T/A		N/A		N/A	N/A	N/A	N/A	
FORESEE	FIXCRODGS-N2 FIXCRODGS-16 FIXCRODGS-26 FIXCRODGS-24 NCLDACENAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIXCRODGS-49 FIXCRODGS-49 FIXCRODGS-69 FIXCRODGS-65 FIXCRODGS-65 FIXCRODGS-65 BYSTATIONES-64Gb BYSTATIONES-64Gb BYSTATIONES-64Gb BYSTATIONES-64Gb BYSTATIONES-65B BYSTATIONES-64Gb B	EOL	8G bit 16G bit	256M±12 256M±22 512M±32 512M±32 512M±32 512M±32 512M±32 512M±32 512M±32 512M±32 102M±32 102M±32 102M±32 2046M±32 2046M±32 2056M±16 256M±16 256M±16 256M±16 256M±16 256M±16 256M±16 256M±16 256M±32	LIDORA LIDORAL PEDRAKITI LIDORAL	200ball 100ball 200ball 100ball 200ball 200bal	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 T/A T/A T/A N/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A		N/A	T/A T/A N/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A N/A		N/A		N/A	N/A	N/A	N/A	
	FIX.C800G-142 FIX.C200G-26 FIX.C200G-26 FIX.C200G-26 FIX.C200G-26 NCLDACCRMS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIX.C100G-81 FIX.C100G-81 FIX.C200G-26 FIX.C200G-81 EWPDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDBX16A98-04Gb BWSDBX16A98-04Gb BWSDBX16A98-04Gb	EOL	6G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 1024M×32 2048M×32 2048M×32 2056M×16 256M×16 256M×32 256M×32 256M×32 256M×32 256M×32 256M×32	LEDDRA LEDDRALEDDRAKE** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK** LEDDRALEDDRAK* LEDDRALEDDRALEDDRAK* LEDDRALEDDRALEDDRAK* LEDDRALEDDRALEDDRALEDDRAK* LEDDRALEDRALE	200ball 200bal	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 T/A N/A T/A T/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A N/A		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
FORESEE	FIX.C000G-N2 FIX.C000G-12 FIX.C000G-26 FIX.C000G-26 FIX.C000G-26 FIX.C000G-24 NCLDACCMAS12M32 NCLDXC1MS12M32 NCLDXC1MS12M32 FIX.C000G-49 FIX.C000G-49 FIX.C000G-49 FIX.C000G-86 FIX.C000G-80 FIX.C000G-8	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 1024M×32 2048M×32 2048M×32 2048M×32 512M×32 2048M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32	LIDORA LIDORAL PEDRAKATI LIDORAL	200ball 200bal	T/A	T/A	T/A T/A T/A N/A T/A T/A T/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A T/A T/A T/A T/A T/A		N/A	T/A T/A N/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A N/A		N/A		N/A	N/A	N/A	N/A	
	FIX.C000G-N2 FIX.C000G-N2 FIX.C000G-26 FIX.C000G-26 FIX.C000G-26 FIX.C000G-26 NCLDACCMS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIX.C1000G-N1 FIX.C000G-36 FIX.C000G-36 FIX.C000G-36 FIX.C000G-30 BWWDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSDD3X16A98-04Gb BWSD2X16A98-04Gb BWSD2X16A98-04Gb BWSD2X16A98-04Gb BWSD2X16A98-04Gb BWMECX32PA-36Gb BWMECX32PA-36Gb BWMECX32PA-36Gb BWMECX32PA-36Gb BWMEDX32PA-36Gb	EOL	8G bit 16G bit	256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 102MM+32 102MM+32 102MM+32 2048M+32 2048M+32 256M+16 256M+16 256M+16 256M+32 256M+32 256M+32 512M+32 512M+32 512M+32	LIDORA LIDORAL LIDORACI LIDORA	200ball 200bal	T/A	T/A	T/A T/A T/A N/A T/A T/A T/A T/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A N/A		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
	FIX.C000G-142 FIX.C000G-162 FIX.C000G-26 FIX.C000G-26 FIX.C000G-26 FIX.C000G-27 NCLDXCTMST2M32 NCLDXCTMST2M32 NCLDXCTMST2M32 FIX.C000G-49 FIX.C000G-49 FIX.C000G-49 FIX.C000G-80 FIX.C000G-	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 766M×32 1024M×32 2048M×32 2048M×32 256M×16 256M×16 256M×12 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32	LIDDRA LIDDRAMIPODRAMI LIDDRAMI LIDRAMI LIDDRAMI LIDDRAMI LIDRAMI	200ball 200bal	T/A	T/A	T/A T/A T/A N/A T/A T/A T/A T/A T/A T/A	S/A (15) S/A (15) S/A (15) N/A T/A T/A T/A T/A T/A		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
	FIXCRODGS-N2 FIXCRODGS-N2 FIXCRODGS-G4 FIXCRODGS-G4 FIXCRODGS-G4 FIXCRODGS-G4 NCLDACEMAS12M32 NCLDXCTMS12M32 NCLDXCTMS12M32 FIXCRODGS-G9 FIXCRODGS-G	EOL	8G bit 16G bit	256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 102M+32 102M+32 102M+32 2046M+32 2046M+32 256M+16 256M+16 256M+32 256M+32 512M+32	LIDORA LIDORAL PEDRAKITI LIDORAL L	200ball 200bal	T/A	T/A	T/A T/A N/A T/A T/A T/A T/A T/A T/A T/A T/A T/A T	S/A [15] S/A [15] N/A T/A T/A T/A T/A S/A [15]		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
	FIX.C800G-142 FIX.C800G-164 FIX.C800G-26 FIX.C800G-26 FIX.C800G-26 FIX.C800G-26 NCLDACCRMS12M32 NCLDXC1MS12M32 FIX.C800G-28 FIX.C800G-26 FIX.C800G-2	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 102M×32 102M×32 2048M×32 2048M×32 2048M×32 2048M×32 256M×16 256M×16 256M×16 256M×12 512M×32	LIPODRA LIPODRAMI LIPODRAM	200ball 200bal	T/A	T/A	T/A	S/A (15) S/A (15) S/A (15) N/A T/A T/A T/A T/A T/A		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
	FIX.CR00G-142 FIX.CR00G-16 FIX.CR00G-26 FIX.CR00G-36 FIX.	EOL	8G bit 16G bit	256M+32 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 1024M+32 1024M+32 2048M+32 2048M+32 2048M+32 256M+16 256M+16 256M+16 256M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32 512M+32	LIDORA LIDORAL PODRAKI LIDORAL	200ball 200bal	T/A T/A	T/A	T/A T/A N/A T/A T/A T/A T/A T/A T/A T/A T/A T/A T	S/A [15] S/A [15] N/A T/A T/A T/A T/A S/A [15]		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	
	FIX.C800G-142 FIX.C800G-164 FIX.C800G-26 FIX.C800G-26 FIX.C800G-26 FIX.C800G-26 NCLDACCRMS12M32 NCLDXC1MS12M32 FIX.C800G-28 FIX.C800G-26 FIX.C800G-2	EOL	8G bit 16G bit	256M×32 256M×32 512M×32 512M×32 512M×32 512M×32 512M×32 512M×32 102M×32 102M×32 2048M×32 2048M×32 2048M×32 2048M×32 256M×16 256M×16 256M×16 256M×12 512M×32	LIPODRA LIPODRAMI LIPODRAM	200ball 200bal	T/A	T/A	T/A	S/A [15] S/A [15] N/A T/A T/A T/A T/A S/A [15]		N/A	T/A T/A N/A T/A T/A T/A T/A	N/A		N/A		T/A T/A N/A T/A T/A T/A T/A		N/A		N/A	N/A	N/A	N/A	



	T																				
Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568	RK3566	RV1108/RK 3308/RK330 8B-S	RK3228H	RK3399 RK3328	RK3326S/ RK PX30S PX	3326/ RK180 30 RK180	RK3399PRO CPU_RA NPU_RA M	DW2200	RK3368/RK3228 A/RK3228B/RK 3229/PX5	RK290x RK2918	RK2928/RK3 028A/RK312 8/PX3-SE	RK2926/RK3026/ RK3036/RK3036G /RK3126 RK3168/RK3188/P	PX2 与RK兼容情况
	RS128M16VRDK-93BT		2G bit	128M×16	DDR3L	96ball							T/A	T/A							
	RS256M16V0DB-107AT		4G bit	256M×16	DDR3	96ball													T/A		
	RS256M16VRDK-93BT		4G bit	256M×16	DDR3L	96ball			T/A												
	RS256M16ZADD-75DT		4G bit	256M×16	DDR4	96ball			T/A												
	RS256M16Z0DC-75DT		4G bit	256M×16	DDR4	96ball			T/A				T/A								
	RS512M16Z2DD-62DT		8G bit	512M×16	DDR4	96ball		T/A	T/A				T/A								
	RS1G16Z3DK-75DT		16G bit	1024M×16	DDR4	96ball			T/A												
	RS128M32LD3D1LMZ-125BT		4G bit	128M×32	LPDDR3	178ball				T/A			T/A	T/A							
RAYSON	RS256M32LD3D1LMZ-125BT		8G bit	256M×32	LPDDR3	178ball				T/A											
	RS128M32LZ4D1ANP-75BT		4G bit	128M×32	LPDDR4	200ball				S/A [15]											
	RS256M32LZ4D1ANP-75BT		8G bit	256M×32	LPDDR4	200ball				S/A [15]		T/A			T/A						
	RS512M32LZ4D2ANP-75BT		16G bit	512M×32	LPDDR4	200ball				S/A [15]		T/A			T/A						
	RS512M32LM4D2BDS-53BT		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		T/A	T/A			N/A			N/A						
	RS512M32LO4D1BDS-53BT		16G bit	512M×32	LPDDR4/LPDDR4X	200ball			5	S/A [11][15]											
	RS768M32LB4D2BDS-53BT		24G bit	768M×32	LPDDR4/LPDDR4X	200ball		T/A	T/A												
	RS1G32LF4D2BDS-53BT		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball	T/A		T/A [11]												
	RS1G32LO4D2BDS-53BT		32G bit	1024M×32	LPDDR4/LPDDR4X	200ball	T/A	T/A													
	RS2G32LF4D4BDT-53BT		64G bit	2048M×32	LPDDR4/LPDDR4X	200ball	N/A	T/A	T/A												
SCY	D4A16G32D2V-DC		16G bit	512M×32	LPDDR4/LPDDR4X[11]	200ball				S/A [15]					1		-				
	DL4A16G32K1V-DC		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		S/A	S/A												
	HG-DR30232-62001	1 1	4G bit	256M×16	DDR3L	96ball		П	T			S/A			S/A	S/A			1		
Hosin	HG512M32D2PDA1-H2							S/A	6/1			J/R			3/14	3/14					
. TOSHI			16G bit	512M×32	LPDDR4X	200ball			S/A												
	HG768M32D4LQM1-H1		24G bit	768M×32	LPDDR4	200ball	1	N/A	N/A	N/A	l					1					
	FM38E16SAB-9MGD		2G bit	128M×16	DDR3L	96ball				S/A			S/A	S/A							
Dosilicon	FM38F16SBB-9MGD		4G bit	256M×16	DDR3L	96ball				-,				S/A		S/A					
	THIS TOSE SHIED		40 Dit	ESGM14 TO	DDIGE	300011		l					3/14	5/K		5/14					
	GD81B32MJ0-41M2		8G bit	256M×32	LPDDR4	200ball				S/A [15]											
	GD82B32MI0-41M2		16G bit	512M×32	LPDDR4	200ball				3/M			S/A								
GCAI	GD82D32MJ0-42M3		16G bit	512M×32	LPDDR4X	200ball			S/A				3/11								
	GDA2D32MJ0-42M6		24G bit	768M×32	LPDDR4X	200ball	+	S/A	S/A							+					
	GDB2D32MJ0-42M7		32G bit	1024M×32	LPDDR4/LPDDR4X[11]	200ball		S/A [7]	S/A [7]				N/A								
	GDB2D32WB0-42WI7		32G DIL	1024141 × 32	LPDDR4/LPDDR4X	ZOODBII		5/A**	5/A**				N/A								
	IMD128M16R322J8LY		2G bit	128M×16	DDR3L	96ball							S/A	S/A							
	IMD256M16R30HG8GNF-107		4G bit	256M×16	DDR3	96ball				S/A		S/A	N/A	N/A	S/A						
	IMD256M16R324J8LY		4G bit	256M×16	DDR3L	96ball				S/A		S/A	S/A	S/A	S/A	S/A					
	IMD512M16R31AG8GPF		8G bit	512M×16	DDR3	96ball						S/A			S/A						
	IMD256M16R4ABD8LY		4G bit	256M×16	DDR4	96ball		N/A	N/A	N/A N/A	N/A	N/A N/A	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A N/A	
ICMAX	IMD256M16R4ZAD8TB		4G bit	256M×16	DDR4	96ball			S/A												
	IMD512M16R4DBD8LY		8G bit	512M×16	DDR4	96ball			S/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	
	IMD512M16R4FCD8TB		8G bit	512M×16	DDR4	96ball							S/A	S/A							
	IMH256M32Z1D1DNP		8G bit	256M×32	LPDDR4	200ball				S/A [15]		S/A			S/A						
	IMH512M32H2D2ENA		16G bit	512M×32	LPDDR4X	200ball		S/A	S/A												
	IMH512M32Z2D2ENP		16G bit	512M×32	LPDDR4/LPDDR4X	200ball		S/A	S/A												
	THUCKED OCET EV			255:	0000	00" "		, ,			1		-								1
TMTC	TN4G16D3CSEP-EK		4G bit	256M×16	DDR3	96ball	1					S/A			S/A	1					
IMIC	TM8G32MD4LSA1-I4		8G bit	256M×32	LPDDR4	200ball						S/A			S/A						
	TH16G32MD4LQM1-I4		16G bit	512M×32	LPDDR4	200ball	1				ļ	N/A			N/A	1					
	GH4061600HRL-1833		4G bit	256M×16	DDR3L	96ball					S/A	S/A	S/A	S/A							
	GE4062666HD			256M×16			_		-	S/A	3/A	3/A	3/A	3/H		_					
Goldkey	GE4062666HD GE8062666ND		4G bit 8G bit	256M×16 512M×16	DDR4 DDR4	96ball 96ball			N/A	3/A						-					
	GE8062400HD-1833		8G bit	512M×16	DDR4	96ball			IV/A				-	S/A	S/A						
	GE0002400ND-1033		OO DIL	312WI×10	DDR4	aonan	1				1			5/A	S/A	1					
	EM47DM1688SBA		2G bit	128M×16	DDR3	96ball												N/A			
	EM47EM0888SBA-150		2G bit	256M×8	DDR3	78ball										S/A		S/A	N/A	N/A S/A	
			4G bit	256M×16	DDR3	96ball										3/10		S/A	,-	, J/K	
	EM47EM1688SBA-150		4G bit	256M×16	DDR3	96ball										S/A		-,	S/A	S/A S/A	
	EM47EM1688SBA-150 EM47EM1688SBB-150A		4G bit	512M×8	DDR3	78ball	_									3/14			S/A	S/A	台湾颗粒厂
Eorex	EM47EM1688SBA-150 EM47EM1688SBB-150A EM47FM0888SBA-150			512M×8	DDR3	78ball													S/A	S/A	兼容性彩
Eorex	EM47EM1688SBB-150A EM47FM0888SBA-150		4G bit		DDR3	136ball	_									S/A			-,	S/A	
Eorex	EM47EM1688SBB-150A EM47FM0888SBA-150 EM47FM0888SBA-150A		4G bit 8G bit	256M×32			_						S/A			3,100				J/K	
Eorex	EM47EM1688SBB-150A EM47FM0888SBA-150		8G bit	256M×32 512M×16		96ball										1					
Eorex	EM47EM1688SBB-150A EM47FM0888SBA-150 EM47FM0888SBA-150A EM47EM3288MBA-125			512M×16	DDR4	96ball 220ball										S/A				N/A	
Eorex	EM47EM1688SB8-150A EM47FM0888SBA-150 EM47FM088SSBA-150A EM47EM3288MBA-150A EM47EM3288MBA-125 EM49FM1688PBA-075		8G bit 8G bit			96ball 220ball										S/A				N/A	
Eorex	EMATEM 1686SBB - 150A EMATEM0688SBA - 150 EMATEM0688SBA - 150A EMATEM0288SBA - 150A EMATEM028BMBA - 125 EMAGEM168BPBA - 075 EMAGEM168BPBA - 075 EM45FM3288LBA - 187F		8G bit 8G bit 16Gb/2Channel	512M×16 256M×32×2Ch	DDR4 LPDDR2	220ball															
Eorex	EM47EM1688SB8-150A EM47FM0688SBA-150 EM47FM0688SBA-150A EM47EM38SBA-150A EM47EM3288MBA-125 EM49FM1688PBA-075 EM45FM3288LBA-187F H2A301G1656BC6C		8G bit 8G bit 16Gb/2Channel 1G bit	512M×16 256M×32×2Ch 64M×16	DDR4 LPDDR2 DDR2	220ball 84ball				S/A	N/A	N/A N/A	N/A	N/A	N/A	S/A N/A	N/A		N/A	N/A N/A	
Eorex	EMATEM 1686SBB - 150A EMATEM0688SBA - 150 EMATEM0688SBA - 150A EMATEM0288SBA - 150A EMATEM028BMBA - 125 EMAGEM168BPBA - 075 EMAGEM168BPBA - 075 EM45FM3288LBA - 187F		8G bit 8G bit 16Gb/2Channel	512M×16 256M×32×2Ch 64M×16 64M×16	DDR4 LPDDR2 DDR2 DDR2 DDR3	220ball 84ball 96ball				S/A S/A	N/A	N/A N/A	N/A	N/A	N/A		N/A		N/A		
Eorex	EMATEM 1682588-150A EMATEM 168258A-150 EMATEM 168258A-150 EMATEM 168258A-150A EMATEM 168258M-16A-125 EMATEM 168258M-16A-125 EMATEM 168258M-16A-187F H2A301G 16568C6C H2A401G 16668FBC H2A402G 16668FBC		8G bit 8G bit 16Gb/2Channel 1G bit 1G bit 2G bit	512M×16 256M×32×2Ch 64M×16 64M×16 128M×16	DDR4 LPDDR2 DDR2 DDR2 DDR3 DDR3	220ball 84ball 96ball 96ball					N/A	N/A N/A		N/A	N/A		N/A		N/A S/A		
	EM47EM1683588-150A EM47EM1688358-150A EM47EM388358-150A EM47EM3288M8A-125 EM49EM168898-A-750A EM45FM2288L8A-187F H2A301G16568C5C H2A401G16668FBC H2A400G16668FBC H2A400G16668FBC		8G bit 8G bit 16Gb/2Channel 1G bit 1G bit 2G bit 4G bit	512M×16 256M×32×2Ch 64M×16 64M×16 128M×16 256M×16	DDR4 LPDDR2 DDR2 DDR3 DDR3 DDR3	220ball 84ball 96ball 96ball 96ball					N/A S/A	N/A N/A		N/A S/A	N/A		N/A			N/A N/A	
	EMATEM 1682588-150A EMATEM 168258A-150 EMATEM 168258A-150 EMATEM 168258A-150A EMATEM 168258M-16A-125 EMATEM 168258M-16A-125 EMATEM 168258M-16A-187F H2A301G 16568C6C H2A401G 16668FBC H2A402G 16668FBC		8G bit 8G bit 16Gb/2Channel 1G bit 1G bit 2G bit	512M×16 256M×32×2Ch 64M×16 64M×16 128M×16	DDR4 LPDDR2 DDR2 DDR2 DDR3 DDR3	220ball 84ball 96ball 96ball									N/A		N/A			N/A N/A	



											RV1108/RK								9PRO	RK3368/RK3228	3	RK2928/RK3	RK2926/RK3026/		
Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK35885	RK3568	RK3566	RV1126/ RV1109	3308/RK330 8B-S	RK3228H	RK3399	RK3328	RK3326S/ PX30S	RK3326/ PX30	RK1808/ RK1806	CPU_RA M	NPU_RA RK3288 M	A/RK3228B/RK 3229/PX5			RK3036/RK3036G /RK3126		与RK兼容情况
Sinker	SNB2816S21PS13		2G bit	128M×16	DDR3L	96ball				S/A															
Jilikei	SNB5616S21PS13		4G bit	256M×16	DDR3L	96ball				S/A					S/A	S/A									
	•	•				•	•		•		•														
	V59C1G01168QBASXJ25		1G bit	64M×16	DDR2	84ball	1		1	1	Т	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	V	N/A	N/A	N/A	
	V73CAG01808RA JI9		1G bit	128M×8	DDR3	78ball						N/A	N/A	N/A	N/A	N/A		N/A	IV/A	N/A	٧	N/A	N/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	٧	N/A	N/A	N/A	
		- I																					I .		1
	QN3B128M16H-13A		2G bit	128M×16	DDR3	96ball					S/A														
Q-CHIP	QN3R256M16M-16G		4G bit	256M×16	DDR3	96ball													S/A						
-	QN4LPD512M32M-32H		16G bit	512M×32	LPDDR4	200ball							N/A					N/A							
	QN4XLPE32GM16H-42I		32G bit	1024M×32	LPDDR4X	200ball	S/A																		
	XCCB128M16FP-EKNAH	1	2G bit	128M×16	DDR3	96ball				_						S/A							ı		
XINCUN	XCCB128M16FP-EKNAH XCCB256M16DP-EKNAH		4G bit	256M×16	DDR3	96ball 96ball										S/A									
	ACCB230W110DF-ERITATI		40 bit	230W1×10	DDIG	Joban							l			3/A				1					
	HSEL4XSA2G-HD8		16G bit	512M×32	LPDDR4X	200ball	S/A	S/A	S/A																
HIKSEMI	HSEL4XFA4G-HD9		32G bit	1024M×32	LPDDR4X	200ball	S/A	S/A	S/A																-
		- I																					I.		I
					1																				
DBTC	DL4008E2FSCE2GHY DL4X16E3FDEE2GHY		8G bit 16G bit	256M×32 512M×32	LPDDR4 LPDDR4X	200ball 200ball		C/A	S/A S/A	+	_										-				
	DL4X16E3FSEE2GMR		16G bit	512M×32	LPDDR4X	200ball	N/A		S/A	_											_				
	•	-			· ·																,		ļ.	•	
		_																							-
KEYMOS	KL4X162BD-C2B		16G bit	512M×32	LPDDR4X	200ball		S/A	S/A																
	KL4X322BQ-C7B		32G bit	1024M×32	LPDDR4X	200ball		S/A	S/A																
Netsol	S5RG2G20CMS-MGCJ		32G bit	512M×64	LPDDR4	366ball				1	T .		N/A					N/A			T				
		- I																					I.		1
											,										,	,			
MT.MOSET	ED3E25608CE-P9		2G bit	256M×8	DDR3	78ball													S/A		S/A	S/A	N/A	S/A	
	S4B2G0846C-HYH9		2G bit	256M×8	DDR3	78ball													S/A					S/A	巴西颗粒, 国内
sMART	S4B2G0846D-HYK0		2G bit	256M×8	DDR3	78ball													S/A					S/A	エク
			LO DIL	LJUMPO	1-210	700011	-1	1	1	1	1	·							J/R		1	1	1	4/11	1
	VP5TQ1G0835-F9		1G bit	128M×8	DDR3	78ball															✓				1
	VP5TQ2G1635FFP-F9		2G bit	128M×16	DDR3	96ball															√	N/A	N/A		
	VP5TQ2G0835L-F9		2G bit	256M×8	DDR3	78ball		ļ		1											√				1
ISDT	IL2BR20E8H		16Gb/2Channel	256M×32×2Ch	LPDDR2	220ball													S/A						
			. JOD/ ECHAMICI	LJOHN-JE-LCII	_ DDILL	LLOUGH													5/A						



Manufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568 RK3566	RV1126/ RV1109		RK3228H	RK3399	RK3328	RK3326S/ I		RK1808/ RK1806	RK3399F		RK3368/RK3228 8288 A/RK3228B/RK	RK290x RK2918	RK2928/RK3 028A/RK312	RK2926/RK3026/ RK3036/RK3036G	RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RK兼容情况
		Status					/ KK33003		KV1103	RK3308B-S				FA303	FA30	KK1000	м м		3229/PX5	KKZJIO	8/PX3-SE	/RK3126	KK3100/KK3100/FA3	
Micron	MT41K256M16TW-107 IT:P(D9SHG) MT41K512M16VRP-107IT:P(D9ZWN)		4G bit 8G bit	256M×16 512M×16	DDR3L DDR3L	96ball 96ball						T/A					T/A		T/A					
	M141K312M16VKP-10/11.P(D92WN)		og bit	312M×16	DDRSL	900411													1/A					
ımsung	K4B4G1646E-BMMA		4G bit	256M×16	DDR3L	96ball						T/A					T/A							
	K4F6E3S4HM-TF**		16G bit	512M×32	LPDDR4	200ball			S/A [15]															
Nanya	NT5CC256M16ER-EKI		4G bit	256M×16	DDR3L	96ball						T/A					T/A							
				T	Tarani		1		1	T	T			ı				ı			1	1	T	
UnilC	SCB13H8G162BF-13KI		8G bit	512M×16	DDR3L	96ball						T/A					T/A							
Zentel	A3R12E40DBF-8EA		512M bit	32M×16	DDR2	84ball				T/A														
ISSI	IS46DR16320E-25DBLA2		512M bit	32M×16	DDR2	84ball				T/A														
	Auto	mot	ive																					
anufacturer	Part Number	Product Status	Density	Organization	Туре	package	RK3588 /RK3588S	RK3568 RK3566	RV1126/R V1109	RV1108/ RK3308/ RK3308B-S	RK3228H	RK3399	RK3328	RK3326S/ I PX30S I	RK3326/ PX30	RK1808/ RK1806	RK3399F CPU_RA NI M M	PRO PU_RA RK	RK3368/RK3228 8288 A/RK3228B/RK 3229/PX5		0204/08212		RK3066/RK3066A/PX2 RK3168/RK3188/PX3	与RK兼容情况