

# Rockchip Solutions DDR SDRAM Support List

Ver 2.10

2015/4/13



## • 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	2013.5.17
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



## Symbol

Symbol	Description
√	Fully Tested and Mass production
T/A	Fully Tested and Applicable
N/A	Not Applicable

### **The Latest Reference Circuits Version**

Chip	DRAM Support Type	RK Reference Circuit Version
RK281x	DDR2	RK2818_REF_V1.3
RK2906	DDR2/DDR3	RK2906_PMIC_REF_V20_0418
RK2918	DDR2/DDR3	RK2918_REF_V13_20110517
RK2926/RK3026	DDR3	2926_86v_v1.2_20121109
RK2928/RK3028/RK3028A	DDR3	RK2928-DDR3P208SD4-V10-20120712LX.pcb
RK3066	DDR3/LPDDR2	RK3066_REF_TPS659102_V12_20121024_1CELL
PX2	DDR3/LPDDR2	PX2_CAR_V11.pcb
RK3168/RK3188	DDR3/LPDDR2	RK3188-DDR3P416SS4-V10-20130607WF.pcb
RK3126	DDR3	2926_86v_v1.2_20121109
RK3128	DDR3/LPDDR2	RK3128-DDR3P216SD4-V10-20140912HJH.pcb
RK3288	DDR3/LPDDR2/LPDDR3	RK3288-DDR3P416SD6-V11-20140305HJH
RK3368	DDR3/LPDDR2/LPDDR3	R88(RK3368)_V01_20150313

#### Application Note:

[1] Following SOCs not support the 512Mx8 DDR3 because of the package without Address Input pin A15: RK2906-6,RK2906-8,RK3066.

[2]The DRAM Part Number is usually consists of two parts divided by '-', which the first part contains memory type, density, organization, package, and the second part usually means data rate.

[3]RockChip platform can support all the chips that match the first part of Part Number which marks 'v' 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.

[4]Since DDR is high speed device. Please directly copy our PCB DRAM Part Template and follow our PCB product guide.

Contact information: fae@rock-chips.com



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/R K3036/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RK兼容情况
	E1116AEBG-8E-F	1G bit	64M×16	DDR2	84ball	√	√						
	EDJ1108DJBG	1G bit	128M x 8	DDR3	78ball		<b>√</b>						
	EDJ1116DJBG	1G bit	64M×16	DDR3	96ball								
	EDJ2116DEBG	2G bit	128M×16	DDR3	96ball		√						
	EDJ2116EEBG	2G bit	128M×16	DDR3L	96ball		T/A						
	EDJ2108DEBG	2G bit	256M×8	DDR3	78ball		√	T/A	T/A	√	√		
	EDJ2108BDBG	2G bit	256M×8	DDR3	78ball		√	T/A	N/A	√	✓		
	EDJ2108EEBG	2G bit	256M×8	DDR3L	78ball								
	EDJ4216BASE	4G bit	256M×16	DDR3	96ball		✓						
	EDJ4216BBBG	4G bit	256M×16	DDR3	96ball		✓			√	√		
	EDJ4216EBBG	4G bit	256M×16	DDR3L	96ball		T/A			T/A	T/A		除个别老款颗粒如:
Elpida	EDJ2108EDBG	2G bit	256M×8	DDR3L	78ball					T/A	T/A		EDJ2108BDBG对pcb要
•	EDJ4216EFBG	4G bit	256M×16	DDR3L	96ball		T/A	T/A	T/A	T/A	T/A		求偏高外总体兼容情况
	EDJ4208BBBG	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A		良好
	EDJ4208EFBG	4G bit	512M×8	DDR3L	78ball			T/A	T/A	T/A [1]	T/A		
	EDJ4208EBBG	4G bit	512M×8	DDR3L	78ball			T/A	N/A	T/A [1]	T/A		
	EDB4032B2MA	4Gb/2CS	64M×32×2pcs	LPDDR2	134ball					T/A	T/A		
	EDB8132B3MA	8Gb/2CS	128M×32×2pc	s LPDDR2	134ball					T/A	T/A		
	EDBM164B1PD-1D-I	12Gb/2channel	256Mx32+ 128Mx32	LPDDR2	220ball					N/A	T/A		
	FA232A1MA-GD-F	16Gb	512M×32	LPDDR3	178ball						T/A		
	EDFA232A2MA-GD-F-D	16Gb	512M×32	LPDDR3	178ball						T/A		
	EDF8132A3MA-GD-F-D	8Gb	256Mx32	LPDDR3	178ball						T/A		
	EDF8132A1MC-GD-F-D	8Gb	256Mx32	LPDDR3	178ball						T/A		
		1											
	MT47H64M16HR-25	1G bit	64M×16	DDR2	84ball	<b>√</b>	<b>√</b>						
	MT41J128M8JP-15E:G	1G bit	128M x 8	DDR3	78ball		<b>√</b>						
	MT41J128M16HA-15E:D	2G bit	128M×16	DDR3	96ball		<b>√</b>						
	MT41J256M8HX-15E:D	2G bit	256M×8	DDR3	78ball		<b>√</b>	T/A	T/A	T/A	T/A		
	MT41K128M16HA-15E:D	2G bit	128M×16	DDR3L	96ball		<b>√</b>	.,	.,	7	7		
	MT41K256M16RE-15E:D	4G bit	256M×16	DDR3L	96ball		<b>√</b>						
	MT41K512M8RA-15E:D	4G bit	512M×8	DDR3L	78ball								
Micron	MT41K256M8DA-125:K	2G bit	256M×8	DDR3L	78ball		<b>√</b>	T/A	T/A	T/A	T/A		兼容性好
	MT41K128M16JT-125:K	2G bit	128M×16	DDR3L	96ball		√	· ·		T/A	T/A		
	MT41K512M8RH-125:E	4G bit	512M×8	DDR3L	78ball			T/A	T/A	T/A [1]	T/A		
	MT41K256M16HA-125:E	4G bit	256M×16	DDR3L	96ball		√	T/A	T/A	T/A	T/A		
	MT41K256M8DA-125:M	2G bit	256M×8	DDR3L	78ball		T/A	T/A	T/A	T/A	T/A		
	MT41K256M16HA-125M:E	4G bit	256Mx16	DDR3L	96ball		· ·		,	,	,		
	MT41K256M16LY-107:N	4G bit	256Mx16	DDR3L	96ball			T/A	T/A	T/A	T/A		
	MT42L128M32D1GU-25 WT:A	4G bit	128Mx32	LPDDR2	134ball					T/A	T/A		
		1											
		1	-			1						-	
		+						1					
		+		<b>†</b>	1	1		<u> </u>					
		1						İ			1		



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/R K3036/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RK兼容情况
	H5PS1G63CFP	1G bit	64M×16	DDR2	84ball	√	√						
	H5PS1G63EFR	1G bit	64M×16	DDR2	84ball	✓	✓						
	H5TQ1G83DFR	1G bit	128M×8	DDR3	78ball		√			T/A	T/A		
	H5TQ2G63BFR	2G bit	128M×16	DDR3	96ball		✓						
	H5TQ2G83CFR	2G bit	256M×8	DDR3	78ball		√	√	√	√	√		
	H5TQ2G83BFR	2G bit	256M×8	DDR3	78ball		T/A	T/A	T/A	√	√		
	H5TQ1G83TFR	1G bit	128M×8	DDR3	78ball		√						
	H5TQ4G63MFR	4G bit	256M×16	DDR3	96ball		√	T/A	T/A	T/A	T/A		
	H5TQ2G63DFR	2G bit	128M×16	DDR3	96ball		√			T/A	T/A		
	H5TQ2G83EFR	2G bit	256Mx8	DDR3	78ball		T/A	T/A	T/A	T/A	T/A		
	H5TQ4G83AFR	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A		
	H5TC4G83AFR	4G bit	512M×8	DDR3L	78ball					T/A [1]	T/A		
	H5TQ4G63AFR	4G bit	256Mx16	DDR3	96ball		T/A	T/A	T/A	T/A	T/A		
Hynix	H5TC4G63AFR	4G bit	256Mx16	DDR3L	96ball			T/A	T/A	T/A	T/A		兼容性好
•	H5TQ1G63DFR	1G bit	64M×16	DDR3	96ball				•	,			JIK 11 1334
	H5TQ4G83MFR	4G bit	512Mx8	DDR3	78ball	1		T/A	T/A	T/A [1]	T/A		
	H5TC4G83BFR	4G bit	512Mx8	DDR3L	78ball	1		T/A	T/A	1/8	-,		
	H5TC4G63CFR	4G bit	256Mx16	DDR3L	96ball			1/5	1/5		T/A		
	H9TCNNN4JDMMPR	4Gb/2CS	128M×32	LPDDR2	134ball	1		<u> </u>			1/5		
	H9TCNNN8JDMMPR	8Gb/2CS	256M×32	LPDDR2	134ball					T/A	T/A		
	H8TJR00X0MLR	8Gb/2CS	256M×32	LPDDR2	168ball					T/A	T/A		<del> </del>
	H9TP33A8LDMCMR	8Gb/2CS	256M×32	LPDDR2+eNAND	162ball					1/5	1/5		
	H9TKNNNBPDMRAR	16Gb/2Channel	256Mx32x2Ch		220ball					N/A	T/A		
	H9CCNNNBLTALAR-NTM	16Gb/2CHairnei	512M×32	LPDDR3	178ball					N/A	T/A		
	H9CCNNN8JTALARNTD	8Gb	512M×32	LPDDR3	178ball						T/A		
	H9CCNNN8GTMLAR		256Mx32		178ball								
	H9CCNNNBJTMLAR	8Gb 16Gb	512M×32	LPDDR3 LPDDR3	178ball						T/A T/A		
	H9CCININIBITIVILAR	1000	312IVI×32	LPDDR3	176Dali						I/A		
	NT5TU32M16CG-3C	512M bit	32M×16	DDR2	84ball	<b>√</b>	<b>√</b>						
	NT5TU64M16GG	1G bit	64M×16	DDR2	84ball	<b>→</b>	•						
	NT5CB128M8DN	1G bit	128M×8	DDR3	96ball	<u> </u>	<b>√</b>					_	
	NT5CB128M16BP	2G bit	128M×16	DDR3	96ball		<del>,</del>	T/A	T/A	T/A	T/A		
	NT5CB128M16HP	2G bit	128M×16	DDR3	96ball		T/A	1/8	1/5	T/A	T/A		
	NT5CC128M8DN	1G bit	128M×8	DDR3L	78ball		1/A √			T/A	T/A		
	NT5CC128M16BP	2G bit	128M×16	DDR3L	96ball		<b>√</b>			1/A	I/A		
	NT5CB256M8GN	2G bit	256M×8	DDR3L	78ball	<b> </b>	V √	T/A	T/A	T/A	T/A	_	
						-			T/A		•		<del> </del>
	NT5CB256M8BN	2G bit	256M×8	DDR3	78ball	<b> </b>		T/A		T/A	T/A		
	NT5CB256M16BP	4G bit	256M×16	DDR3	96ball 78ball	-	√ -/	T/A	T/A	T/A	T/A		<del></del>
Nanya	NT5CB256M8FN	2G bit	256M×8	DDR3		1	√	T/A	T/A	T/A	T/A		兼容性好
-	NT5CB128M8FN	1G bit	128Mx8	DDR3	78ball	1	,			T/A	T/A		
	NT5CB128M16FP	2G bit	128M×16	DDR3	96ball	ļ	√			T/A	T/A		
	NT5CB512M8BN	4G bit	512M×8	DDR3	78ball	ļ		T/A	T/A	T/A [1]	T/A		
	NT5CB256M16CP	4G bit	256M×16	DDR3	96ball	ļ		T/A	T/A	T/A	T/A		
	NT5CC256M16CP	4G bit	256M×16	DDR3L	96ball	ļ	T/A	T/A	T/A	T/A	T/A		
	NT5CC256M16DP	4G bit	256M×16	DDR3L	96ball	1		T/A	T/A	T/A	T/A		
	NT5CC512M8CN	4G bit	512M×8	DDR3L	78ball	ļ		T/A	T/A	T/A <sup>[1]</sup>	T/A		
		8G bit	256M×32	LPDDR2	134ball		l			T/A	T/A	1	
	NT6TL256F32AI												
	NT6TL256T32AI	8G bit	256M×32	LPDDR2	134ball					T/A	T/A		
					134ball 168ball 168ball					T/A T/A T/A	T/A T/A T/A		



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/R K3036/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RK兼容情况
	K4T1G164QE	1G bit	64M×16	DDR2	84ball	√	√						
	K4B2G1646C	2G bit	128M×16	DDR3	96ball		√						
	K4B1G0846G	1G bit	128M×8	DDR3	78ball		√			T/A	T/A		
	K4B2G0846C	2G bit	256M×8	DDR3	78ball		√						
	K4B2G1646E	2G bit	128Mx16	DDR3	96ball		T/A			T/A	T/A		
	K4B2G1646O	2G bit	128Mx16	DDR3	96ball		T/A			T/A	T/A	T/A	
	K4B4G1646B-xCxx	4G bit	256M×16	DDR3	96ball		√	T/A	T/A	T/A	T/A		兼容性好
	K4B4G1646Q-xYxx	4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A	T/A	K3PE0E000M RZQ需要
Samsung	K4B4G1646D-xYxx	4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A		改为150ohm
	K4B4G1646D-xCxx	4G bit	256M×16	DDR3	96ball	1		T/A	T/A	T/A	T/A		K3PE0E000A-XGC2 RZG
	K4W4G1646Q-xCxx	4G bit	256M×16	DDR3	96ball	1		.,	.,	T/A	T/A		需要改为NC
	KMKJS000VM	8Gb/2CS	256M×32	LPDDR2+eMMC	162ball					1/1/	1/4		而安以为代
	K3PE0E000A-XGC2	16Gb/2Channel	256Mx32x2Ch		220ball					N/A	T/A		
	K3PE0E000M-XGC2	16Gb/2Channel	256Mx32x2Ch		216ball	1				N/A	T/A		=
	K4E8E304ED-EGCC	8Gb	256Mx32	LPDDR3	178ball					N/A	T/A		
	K4E8E304ED-EGCC K4E8E304EE-EGCE	8Gb	256Mx32	LPDDR3	178ball	1		-			T/A		
	K4E6E304EE-EGCE	16Gb	512M×32	LPDDR3	178ball	-					T/A	7.0	
	K4E6E3U4EE-EGCE	16Gb	512M×32	LPDDR3	1/8baii						I/A	T/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	256Mx8	DDR3	78ball		T/A	T/A	T/A	N/A	N/A		
	PE947-15E (PRN256M8V80AG8RHF-15E)	2G bit	256Mx8	DDR3	78ball								
SPECTEK	PEB08-15E (PRN512M8V80AG8RHF-15E)	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A <sup>[1]</sup>	T/A		MICRON子品牌, 兼容性良好
	PEB15-15E (PRN256M16V80AG8GPF-15E)	4G bit	256Mx16	DDR3	96ball		T/A	T/A	T/A	T/A	T/A		
	PEB16-15E (PRM256M16V80AG8GPF-15E)	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		
	Z9QHG (SM128MX32U80MD1LGU-25FT)	4G bit	128Mx32	LPDDR2	134ball					T/A	T/A		
	D9QQG-25BT	8G bit	128Mx32x2Ch	LPDDR2	216ball					N/A	T/A		
						+		<del> </del>		<u> </u>	+		MANUA Z D lib # she bit. sh
	N2TU1G16GG-AC	1G bit	64M×16	DDR2	84ball		<b>√</b>	<b>—</b>		<del> </del>	1		NANYA子品牌,兼容性良
	N2CB1G80GN-CG	1G bit	128M×8	DDR3	78ball	+	<b>→</b>	<del> </del>		<u> </u>	+		好,特供指定渠道及客 户使用。南亚科技指定
	N2CB2G80GN	2G bit	256M×8	DDR3	78ball	+	<b>√</b>	<del> </del>		<b>V</b>	<b>√</b>		
Elixir	N2CB2G80GN N2CB2G16BP-CG	2G bit	128M×16	DDR3	96ball	+	<b>√</b>	<del> </del>		<b>'</b>	•		
LIIAII	N2CB2G16BP-CG N2CB2G16FP-DI	2G bit	128M×16 128Mx16	DDR3	96ball	<del>                                     </del>	V	T/A	T/A	T/A	T/A		(FHL)、芯智(SMC)、伟
	N2CB2G16FP-DI N2CB4G08DN-CG	2G bit 4G bit	512M×8		78ball	<del>                                     </del>		•		•			世科技(WEISHI)、世平
				DDR3		1		T/A	T/A	T/A [1]	T/A		(WPI),提供正品保固及
	N2CB4G16BP-DI	4G bit	256Mx16	DDR3	96ball	1		T/A	T/A	T/A	T/A		
		1	1	1		1		1	i .	I	1		售后服务



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/R K3036/RK3126	RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RK兼容情况
	EM47DM1688SBA	2G bit	128M×16	DDR3	96ball		N/A						
	EM47EM0888SBA-150	2G bit	256Mx8	DDR3	78ball		T/A	N/A	N/A	T/A	T/A		
	EM47EM1688SBA-150	4G bit	256Mx16	DDR3	96ball		T/A						
_	EM47EM1688SBB-150A	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		台湾颗粒厂商,
Eorex	EM47FM0888SBA-150	4G bit	512Mx8	DDR3	78ball			T/A	T/A				兼容性较好
	EM47FM0888SBA-150A	4G bit	512Mx8	DDR3	78ball			T/A	T/A				
	EM47EM3288MBA-125	8G bit	256Mx32	DDR3	136ball					T/A	T/A		
	EM45FM3288LBA-187F	16Gb/2Channel	256Mx32x2Ch	LPDDR2	220ball					N/A	T/A		
	ENACODICCIA/DA OFILI	512M hit	221416	DDD2		<b>—</b> ,	,						
	EM68B16CWPA-25H EM6GE16EW5B-15H	512M bit 4G bit	32M×16 256M×16	DDR2 DDR3	96ball	√	√ T/A	T/A	T/A	T/A	T/A		
Etron Tech	EM6GE16EWSB-15H	4G bit	256M×16	DDR3	96ball		I/A	T/A T/A	T/A	T/A T/A	T/A		台湾颗粒厂商,兼容性
Luon rech	EM6GE18EWXC-12H EM6GE08EW8C-12H	4G bit	512Mx8	DDR3	78ball	+		T/A	T/A	1/A	I/A		较好
	EM6GE16EWXC-12H	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A		
	D2D1 C5 4C55 C05	1013	6414.16	0000	241 11		,						256M16在RK3066,
	P3R1GE4CFF-G8E	1G bit	64M×16	DDR2	84ball	<b>√</b>	√				1	<u> </u>	RK31xx平台上需要添
MIRA	P3R1GE3FGF-G8E	1G bit	128M×8	DDR2	84ball	√	√						加定频相关补丁。并且
	P3P4GF3BLF-GGN	4G bit	512M×8	DDR3	78ball			T/A	N/A	N/A	N/A		对参考层完整性要求转
	P3P4GF4BLF-GGN	4G bit	256Mx16	DDR3	96ball			T/A		T/A	T/A		高,需要严格遵照我的布板要求布板。
	HXB18T2G160AF-25D	2G bit	128M×16	DDR2	84ball	√	<b>√</b>						256M16在RK3066,
	HXB18T1G160AF-25D	1G bit	64M×16	DDR2	84ball	√	√						RK31xx平台上需要添
SCSemicon	HXB15H2G800BF-15H	2G bit	256M×8	DDR3	78ball		N/A	T/A	N/A	T/A	T/A		加定频相关补丁。并且
	HXB15H4G800BF-15H	4G bit	512M×8	DDR3	78ball	-	N/T [1]	T/A	N/A	T/A <sup>[1]</sup>	T/A		对参考层完整性要求转
	HXB15H4G160BF-15H	4G bit	256Mx16	DDR3	96ball	+	T/A			T/A	T/A		高,需要严格遵照我们 的布板要求布板。
													的印似安米印似。
	3CCD-1211A EL1250V	2G bit	256Mx8	DDR3	78ball		N/A	T/A	N/A	T/A	T/A		使用Elpida晶圆兼容
ADATA	DWND-1211A EL1311V	4G bit	512Mx8	DDR3	78ball								性一般。PCB不允许有
	D2ND-1211A EL1345V	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		参考层有割断的现象。
ANOR	AM43Q2G08AFP-150C	2G bit	256Mx8	DDR3	78ball		N/A	T/A	N/A	T/A	T/A		使用Elpida晶圆兼容 ——性一般。PCB不允许有
	AM43Q4G08AFP-150C	4G bit	512Mx8	DDR3	78ball			T/A	N/A				参考层有割断的现象。
	V59C1G01168QBASXJ25	1G bit	64M×16	DDR2	84ball	<b>√</b>	<b>V</b>						
ProMOS	V59C1G02168OB	2G bit	128M×16	DDR2	84ball	<u> </u>	<b>√</b>						<del></del>
	V73CAG01808RA JI9	1G bit	128M×8	DDR3	78ball		<b>√</b>						

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Manufacturer	Part Number	Density	Organization	Туре	package	RK281x		RK2928/RK30 28A/RK3128		RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RK兼容情况
SMART	S4B2G0846C-HYH9	2G bit	256Mx8	DDR3	78ball					T/A	T/A		巴西颗粒,国内用的不
SWARI	S4B2G0846D-HYK0	2G bit	256M×8	DDR3	78ball					T/A	T/A		多
	PME810816BBR-E6DN	1G bit	64M×16	DDR2	0.4111								
	PMF510816ABR-G8DN	1G bit	64M×16	DDR3	84ball 96ball		<b>√</b>						
	PMF511816ABR-G8DN	2G bit	128M×16	DDR3	96ball		V					-	4
πΡΜ	PMF510808ABR-I9DN	1G bit	128M x 8	DDR3	78ball		•						
	PMF512816BBR-KADN	4G bit	256Mx16	DDR3	96ball					T/A	T/A		
	PMF511816DBR-KADN	2G bit	128Mx16	DDR3	96ball					T/A	T/A		
MT.MOSET	ED3E25608CE-P9	2G bit	256M×8	DDR3	78ball		T/A	T/A	N/A	T/A	T/A		
	VPST020162555D 50	2G bit	128M×16	2002	96ball		,						
	VP5TQ2G1635FFP-F9 VP5TQ2G0835L-F9	2G bit	256M×8	DDR3 DDR3	78ball		<b>√</b>	N/A	N/A			<u> </u>	4
WINS	VP5TQ1G0835-F9	1G bit	128M×8	DDR3	78ball	1	V √						+
	VP5TQ1G0835L-F9	1G bit	128M×8	DDR3	78ball		•						<u> </u>
Kingston	D5128EETBPGGBU	4G bit	512Mx8	DDR3	78ball			T/A	T/A	T/A	T/A		256M16在RK3066,
Killgstoll	D2516EC4BXGGB	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		RK31xx平台上需要添
													加定频相关补丁。并且
													一对参考层完整性要求较 京
													- 高,需要严格遵照我们 - 的布板要求布板。
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