

Rockchip Solutions DDR SDRAM Support List

Ver 2.12

2015/7/17

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• 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
2.11	Add some supporting messages	2015.05.06
2.12	Add some supporting messages	2015.07.17



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
RK3036	DDR3	RK3036_SDK_ V1.0_20140528
RK3036G	DDR3	DONGLE_RK3036-G_20150408J.pcb

Application Note:

 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

[5]Only supported by RK3128.



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/ RK3036/RK3036G /RK3126	RK3066/RK3066A/PX2 RK3168/RK3188	RK3288	RK3368	与RX兼容情况
	E1116AEBG-8E-F	1G bit	64M×16	DDR2	84ball	✓	√						
	EDJ1108DJBG	1G bit	128M x 8	DDR3	78ball		√						
	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×32×2pcs	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		
	MT47H64M16HR-25	1G bit	64M×16	DDR2	84ball	√	√						
	MT41J128M8JP-15E:G	1G bit	128M x 8	DDR3	78ball		√						
	MT41J128M16HA-15E:D	2G bit	128M×16	DDR3	96ball		√						
	MT41J256M8HX-15E:D	2G bit	256M×8	DDR3	78ball		√	T/A	T/A	T/A	T/A		
	MT41K128M16HA-15E:D	2G bit	128M×16	DDR3L	96ball		√						
	MT41K256M16RE-15E:D	4G bit	256M×16	DDR3L	96ball		√						
	MT41K512M8RA-15E:D	4G bit	512M×8	DDR3L	78ball								
Micron	MT41K256M8DA-125:K	2G bit	256M×8	DDR3L	78ball		√	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	1		T/A	T/A	T/A	T/A		
	MT42L128M32D1GU-25 WT:A	4G bit	128Mx32	LPDDR2	134ball					T/A	T/A		
						1							
		1											
		1			ļ						1		
		1											
	1												



1:1G63CFP 1:1G63EFR 2:1G63DFR 2:2G63BFR 2:2G83CFR 2:2G83CFR 2:2G83FR 2:1G83TFR 2:1G83TFR 2:1G63DFR	1G bit 1G bit 1G bit 2G bit	64M×16	1			RK2918	28A/RK3128	/RK3126	RK3168/RK3188			与RK兼容情况
21G83DFR 22G63BFR 22G83CFR 22G83BFR 21G83TFR 24G63MFR	1G bit	C 4 h 4 1 C	DDR2	84ball	√	√						_
22G63BFR 22G83CFR 22G83BFR 21G83TFR 24G63MFR		64M×16	DDR2	84ball	√	√						_
22G83CFR 22G83BFR 21G83TFR 24G63MFR	ac hit	128M×8	DDR3	78ball		√			T/A	T/A		
2G83BFR 21G83TFR 24G63MFR		128M×16	DDR3	96ball		√						
21G83TFR 24G63MFR	2G bit	256M×8	DDR3	78ball		√	√	✓	√	√		
Q4G63MFR	2G bit	256M×8	DDR3	78ball		T/A	T/A	T/A	√	✓		
	1G bit	128M×8	DDR3	78ball		√						
2G63DFR	4G bit	256M×16	DDR3	96ball		√	T/A	T/A	T/A	T/A		
	2G bit	128M×16	DDR3	96ball		√			T/A	T/A		
2G83EFR	2G bit	256Mx8	DDR3	78ball		T/A	T/A	T/A	T/A	T/A		
24G83AFR	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A		
4G83AFR	4G bit	512M×8	DDR3L	78ball					T/A [1]	T/A		
24G63AFR	4G bit	256Mx16	DDR3	96ball		T/A	T/A	T/A	T/A	T/A		
4G63AFR	4G bit	256Mx16	DDR3L	96ball			T/A	T/A	T/A	T/A		
1G63DFR	1G bit	64M×16	DDR3	96ball			<u> </u>		· · · · · · · · · · · · · · · · · · ·			兼容性好
24G83MFR	4G bit	512Mx8	DDR3	78ball	1		T/A	T/A	T/A [1]	T/A	1	
4G83BFR	4G bit	512Mx8	DDR3L	78ball	1	1	T/A	T/A	1//5	-,	1	
4G63CFR	4G bit	256Mx16	DDR3L	96ball	1	1		.,	T/A	T/A		
NNN4JDMMPR	4Gb/2CS	128M×32	LPDDR2	134ball	1	1	—		.,	-,,	1	
NNN8JDMMPR	8Gb/2CS	256M×32	LPDDR2	134ball	1	1	—		T/A	T/A	1	
R00X0MLR	8Gb/2CS	256M×32	LPDDR2	168ball	+				T/A	T/A		
33A8LDMCMR	8Gb/2CS	256M×32	LPDDR2+eNAND	162ball					1/8	1/A		
NNNBPDMRAR	16Gb/2Channel	256Mx32x2Ch		220ball	1				N/A	T/A		
NNN8KDMPQR	8Gb/2Channel	128Mx32x2Ch		216ball	+		[5]		N/A	I/A		
NNNBLTALAR	16Gb	512M×32	LPDDR2 LPDDR3	178ball	-		T/A ^[5]			T/A		_
INNNBLIALAR INNNBJTALAR	8Gb	256Mx32	LPDDR3	178ball						T/A T/A		
CNNN8GTMLAR		256Mx32	LPDDR3	178ball						T/A		
	8Gb											
NNNBJTMLAR	16Gb	512M×32	LPDDR3	178ball						T/A		
	=======================================					ļ.,						
U32M16CG-3C	512M bit	32M×16	DDR2	84ball	√ .	√						
U64M16GG	1G bit	64M×16	DDR2	84ball	√	ļ.,						
B128M8DN	1G bit	128M×8	DDR3	96ball		√						_
B128M16BP	2G bit	128M×16	DDR3	96ball		√	T/A	T/A	T/A	T/A		_
B128M16HP	2G bit	128M×16	DDR3	96ball		T/A	1		T/A	T/A		
C128M8DN	1G bit	128M×8	DDR3L	78ball	ļ	√	.		T/A	T/A	ļ	
C128M16BP	2G bit	128M×16	DDR3L	96ball		√						
B256M8GN	2G bit	256M×8	DDR3	78ball		√	T/A	T/A	T/A	T/A		
B256M8BN	2G bit	256M×8	DDR3	78ball		√	T/A	T/A	T/A	T/A		
CB256M16BP	4G bit	256M×16	DDR3	96ball		√	T/A	T/A	T/A	T/A		
B256M8FN	2G bit	256M×8	DDR3	78ball		√	T/A	T/A	T/A	T/A		
B128M8FN	1G bit	128Mx8	DDR3	78ball					T/A	T/A		兼容性好
B128M16FP	2G bit	128M×16	DDR3	96ball		√			T/A	T/A		
B512M8BN	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A		
B256M16CP	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A		
C256M16CP	4G bit	256M×16	DDR3L	96ball		T/A	T/A	T/A	T/A	T/A		
C256M16DP	4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A		
CC512M8CN	4G bit	512M×8	DDR3L	78ball			T/A	T/A		T/A		
C128M16IP	2G bit	128M×16	DDR3L	96ball			T/A	T/A	- 75	· ·		
L256F32AI	8G bit	256M×32	LPDDR2	134ball		†	,	, , ,	T/A	T/A	İ	1
					1	1	—			•	1	
LZ3D13ZAI					1	1	—			•	1	
L256T32AI L256T32AQ					1	 	t				1	-
C256M16D C512M8CN C128M16II L256F32AI	OP N	DP 4G bit V 4G bit D 2G bit 8G bit 8G bit 8G bit 8G bit 8G bit	PP 4G bit 256M×16 N 4G bit 512M×8 P 2G bit 128M×16 8G bit 256M×32 8G bit 256M×32 Q 8G bit 256M×32	OP 4G bit 256M×16 DDR3L N 4G bit 512M×8 DDR3L P 2G bit 128M×16 DDR3L BG bit 256M×32 LPDDR2 8G bit 256M×32 LPDDR2 Q 8G bit 256M×32 LPDDR2	OP 4G bit 256M×16 DDR3L 96ball N 4G bit 512M×8 DDR3L 78ball P 2G bit 128M×16 DDR3L 96ball 8G bit 256M×32 LPDDR2 134ball 8G bit 256M×32 LPDDR2 134ball Q 8G bit 256M×32 LPDDR2 168ball	OP 4G bit 256M×16 DDR3L 96ball N 4G bit 512M×8 DDR3L 78ball P 2G bit 128M×16 DDR3L 96ball 8G bit 256M×32 LPDDR2 134ball 8G bit 256M×32 LPDDR2 134ball Q 8G bit 256M×32 LPDDR2 168ball	OP 4G bit 256M×16 DDR3L 96ball N 4G bit 512M×8 DDR3L 78ball P 2G bit 128M×16 DDR3L 96ball 8G bit 256M×32 LPDDR2 134ball 8G bit 256M×32 LPDDR2 134ball Q 8G bit 256M×32 LPDDR2 168ball	OP 4G bit 256M×16 DDR3L 96ball T/A N 4G bit 512M×8 DDR3L 78ball T/A P 2G bit 128M×16 DDR3L 96ball T/A 8G bit 256M×32 LPDDR2 134ball 8G bit 256M×32 LPDDR2 134ball Q 8G bit 256M×32 LPDDR2 168ball	OP 4G bit 256M×16 DDR3L 96ball T/A T/A N 4G bit 512M×8 DDR3L 78ball T/A T/A T/A P 2G bit 128M×16 DDR3L 96ball T/A T/A T/A 8G bit 256M×32 LPDDR2 134ball 134ba	OP 4G bit 256M×16 DDR3L 96ball T/A T/A T/A T/A N 4G bit 512M×8 DDR3L 78ball T/A T/A	OP 4G bit 256M×16 DDR3L 96ball T/A T/A	OP 4G bit 256M×16 DDR3L 96ball T/A T/A T/A T/A T/A N 4G bit 512M×8 DDR3L 78ball T/A T/A T/A T/A T/A P 2G bit 128M×16 DDR3L 96ball T/A T/



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128		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		
	K4B2G1646Q	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		* 100 M- 117
	K4B4G1646Q-xYxx	4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A	T/A	─ 兼容性好─ K3PE0E000M RZQ需要
Samsung	K4B4G1646D-xYxx	4G bit	256M×16	DDR3L	96ball			T/A	T/A	T/A	T/A		─ K3PEUEUUUM KZQ需到 ─ 改为150ohm
Samsung	K4B4G1646D-xCxx	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A		
	K4W4G1646Q-xCxx	4G bit	256M×16	DDR3	96ball					T/A	T/A		K3PE0E000A-XGC2 RZ
	KMKJS000VM	8Gb/2CS	256M×32	LPDDR2+eMMC	162ball								需要改为NC
	K3PE0E000A-XGC2	16Gb/2Channel	256Mx32x2Ch	LPDDR2	220ball					N/A	T/A		
	K3PE0E000M-XGC2	16Gb/2Channel	256Mx32x2Ch	LPDDR2	216ball					N/A	T/A		
	K4E8E304ED-EGCC	8Gb	256Mx32	LPDDR3	178ball						T/A		
	K4E8E304EE-EGCE	8Gb	256Mx32	LPDDR3	178ball						T/A		
	K4E6E304EE-EGCE	16Gb	512M×32	LPDDR3	178ball						T/A	T/A	
	K3QF1F10DM-AGCE	8Gb/2Channel	128Mx32x2Ch	LPDDR3	253ball						T/A	7	
											-,		
	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								MICRON子品牌, 兼容性良好
SPECTEK	PEB08-15E (PRN512M8V80AG8RHF-15E)	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A		
	PEB15-15E (PRN256M16V80AG8GPF-15E)	4G bit	256Mx16	DDR3	96ball		T/A	T/A	T/A	T/A	T/A		JIK II II KA
	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		
				-		+					-		
	N2TU1G16GG-AC	1G bit	64M×16	DDR2	84ball	+	√				-	+	MANYA子品牌,兼容性1
	N2CB1G80GN-CG	1G bit	128M×8	DDR2 DDR3	78ball	+	∨ ✓				-	+	好,特供指定渠道及客
					78ball	+		-		✓	-1	+	户使用。南亚科技指定
Elixir	N2CB2G80GN	2G bit 2G bit	256M×8 128M×16	DDR3 DDR3	78ball 96ball		√			V	√		经销商:彩虹奥特姆
EIIXIT	N2CB2G16BP-CG					+	٧	T.15	T	T			(Aotom)、AVT、富鸿
	N2CB2G16FP-DI	2G bit	128Mx16	DDR3	96ball			T/A	T/A	T/A	T/A	-	(FHL)、芯智(SMC)、作
	N2CB4G08DN-CG	4G bit	512M×8	DDR3	78ball			T/A	T/A	T/A [1]	T/A	-	世科技(WEISHI)、世刊
	N2CB4G16BP-DI	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A	-	(WPI),提供正品保固及 售后服务



Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/ RK3036/RK3036G /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						
Eorex	EM47EM1688SBB-150A	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		台湾颗粒厂商,
Eolex	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		
		=======================================											
	EM68B16CWPA-25H	512M bit	32M×16	DDR2	061 11	√	√						
Etron Tech	EM6GE16EW5B-15H EM6GE16EWXC-12H	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		台湾颗粒厂商,兼容性
Etron recn	EM6GE08EW8C-12H	4G bit	512Mx8	DDR3	78ball			T/A	T/A	I/A	I/A		 较好
	EM6GE16EWXC-12H	4G bit	256M×16	DDR3	96ball			T/A	T/A	T/A	T/A		
	EMOGETOEWAC 1211	40 Dit	250141710	DDING	Joban			1/1	1/1	1/4	.,,,		
													256M16在RK3066,
	P3R1GE4CFF-G8E	1G bit	64M×16	DDR2	84ball	√	√						RK31xx平台上需要添
MIRA	P3R1GE3FGF-G8E	1G bit	128M×8	DDR2	84ball	√	√						加定频相关补丁。并 对参考层完整性要求 高,需要严格遵照我
IVIIKA	P3P4GF3BLF-GGN	4G bit	512M×8	DDR3	78ball			T/A	N/A	N/A	N/A		
	P3P4GF4BLF-GGN	4G bit	256Mx16	DDR3	96ball			T/A		T/A	T/A		
													的布板要求布板。
	HXB18T2G160AF-25D	2G bit	128M×16	DDR2	84ball	√	√					+	orewie-travoore
	HXB18T1G160AF-25D	1G bit	64M×16	DDR2	84ball	V	√						256M16在RK3066, 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 [1]	T/A		
	HXB15H4G160BF-15H	4G bit	256Mx16	DDR3	96ball		T/A		ĺ	T/A	T/A		高,需要严格遵照我们
													的布板要求布板。
	3CCD-1211A EL1250V	2017	25614.0		701 11								
	DWND-1211A EL1250V	2G bit 4G bit	256Mx8 512Mx8	DDR3 DDR3	78ball 78ball	-	N/A	T/A	N/A	T/A	T/A	+	使用Elpida晶圆兼容
ADATA	D2ND-1211A EL1311V	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		性一般。PCB不允许有
	D2ND-1211A LL1545V D2ND-1211A NA1518V	4G bit	256Mx16	DDR3L	96ball			T/A	T/A	T/A	T/A		参考层有割断的现象。
				551.52				,,	.,,,,	.,,	7		
												1	佐田P1 : 1 日回光空
ANOR	AM43Q2G08AFP-150C	2G bit	256Mx8	DDR3	78ball	1	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	√	V						
ProMOS	V59C1G02168QBA3A323	2G bit	128M×16	DDR2	84ball	*	√					+	=
	V73CAG01808RA JI9	1G bit	128M×8	DDR3	78ball		√						
						1						1	
		-		-	-	1			-		 	+	_

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Manufacturer	Part Number	Density	Organization	Туре	package	RK281x	RK290x RK2918	RK2928/RK30 28A/RK3128	RK2926/RK3026/ RK3036/RK3036G /RK3126	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
SIVIAKI	S4B2G0846D-HYK0	2G bit	256M×8	DDR3	78ball					T/A	T/A		多
	PME810816BBR-E6DN	1G bit	64M×16	DDR2	84ball								
	PMF510816ABR-G8DN	1G bit		DDR3	96ball		√						
	PMF511816ABR-G8DN	2G bit	128M×16	DDR3	96ball		√						
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		
	PMF512816DBR-KADN	4G bit	256Mx16	DDR3	96ball			T/A	T/A	T/A	T/A		
MT.MOSET	ED3E25608CE-P9	2G bit	256M×8	DDR3	78ball		T/A	T/A	N/A	T/A	T/A		
												1	
	VP5TQ2G1635FFP-F9	2G bit	128M×16	DDR3	96ball		✓	N/A	N/A				
WINS	VP5TQ2G0835L-F9	2G bit	256M×8	DDR3	78ball		√						
******	VP5TQ1G0835-F9	1G bit	128M×8	DDR3	78ball		√						
	VP5TQ1G0835L-F9	1G bit	128M×8	DDR3	78ball								
Kingston	D5128EETBPGGBU	4G bit	512Mx8	DDR3	78ball			T/A	T/A	T/A	T/A		256M16在RK3066,
	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 对参考层完整性要求较 高,需要严格遵照我们 的布板要求布板。
ISDT	IL2BR20E8H	16G bit/2Channe	256Mx32x2Ch	LPDDR2	220ball		-				T/A		
												1	