

Rockchip Solutions Nand Flash Support List

Ver 2.65

2014/10/15

◆ Revision History

Revision No.	History	Date	Editor
2.57	1. Upgrade nand driver for RK30xx MID project to support SDTNQFAMA-004G and K9HDG08U1B , linux-nand-driver_Patch_V1.4 , Boot loader ver 1.18 .	2012.10.18	ZYF
2.58	1. Add RKnanoC and RK292X SupportList. 2. Add 29F64G08CAMDD , 29F16B08JAMDD , 29F64G08ACME3 , 29F16B08CCME3 , 29F32B08JCME3 . 3. Upgrade nand driver for RK30xx MID project to support 29F64G08ACMF3 , 29F16B08CCMF3 and 29F32B08JCMF3 , linux-nand-driver_Patch_V1.5 , Boot loader ver 1.20 .	2012.11.13	ZYF
2.59	1.Upgrade nand driver for RK292x MID project to support 29F64G08ACMF3 , 29F16B08CCMF3 and 29F32B08JCMF3 , Boot loader ver 1.20 . 2.Update some NANS FLASH support status.	2012.12.07	ZYF
2.60	1. Add RK3188 SupportList. 2. Add T/A test status.	2013.2.21	ZYF
2.61	1. Add RK3168 SupportList. 2. Upgrade nand driver to support 29F32G08CBADA , SDTNPMAHEM-008G and SDTNPMAHEM-016G .	2013.4.15	ZYF
2.62	1.Update some NAND FLASH support status.	2013.7.15	ZYF
2.63	1.Update nand driver(linux-nand-driver_Patch_V2.4),loader version is 2.x. 2.Add 3026 and 3028A SupportList. 3.Add TC58TEG6DDKTA , TH58TEG7DDKTA , TH58TEG8DDKTA , SDTNRGAMA-008G and SDTNRGBMB-016G .	2013.12.15	ZYF
2.64	1.Upgrade nand driver (linux-nand-driver_Patch_V2.5) to support TC58TEG5DCKTA , 29F128G08CBEAB , H27UCG8T2ETR , SDTNRGBMB-016GK and SDTNRFAMA-004GK . 2. Add RK3288 SupportList.	2014.6.15	ZYF
2.65	1. Add RKRK312x and RK303X SupportList. 2. Update some NAND FLASH support status.	2014.10.15	ZYF

◆ Symbol

Symbol	Description
√	Fully Tested , Applicable and Mass Production
T/A	Fully Tested , Applicable and Ready for Mass Production
D/A	Datasheet Applicable,Need Sample to Test.
N/A	Not Applicable

◆ The Latest Flash Driver Version

Acronyms	Chip	Flash Driver Version Or LIB File
NANOC200	RKnanoC	RKNANOC flash lib:RkNanoC_Nand_V200_20121020.lib Boot loader Ver 2.00 or later.
A_2.16	RK303X	Mini Boot Loader Ver 2.16 or later.
A_2.16	RK312X	Mini Boot Loader Ver 2.16 or later.
A_2.16	RK306x\RK292x\RK31xx\RK302X	linux-nand-driver_Patch_V2.5, Boot loader Ver 2.16 or later.
A_2.16	RK32xx\RK303X\RK312X	Mini Boot Loader Ver 2.16 or later.

◆ Notes

◆ Guide

EX:How to check whether RK3066 support the flash MT29F64G08CBABA ?

First ,search 29F64G08CBABA in this support list.

Manufacturer	Part Number	Byte Size	Block size (bytes)	Page size (bytes)	ECC bits	mode (nCE)	Type	Process	RK32xx	RKNanoC	RK312X	RK303X	rk306x/rk292x rk31xx/rk302x	Remark
									A_2.16	NANOC200	A_2.16	A_2.16	A_2.16	
Micron	29F64G08CBABA	8GB	2M+186K	8K+744	40	1	mlc	20nm	T/A	√	T/A	T/A	√	

Second, In the RK30xx column,we can see RK30xx support 29F64G08CBABA with flash driver version A_2.16.

Third, search A_2.16 in Flash Driver Table, and we can see linux-nand-driver_Patch_V2.5 and Boot loader Ver 2.16 is support this Flash.

EX:How to check boot loader version?

Run Rockchip batch tool and open the firmware file, the tool will display the boot loader version.



