

Rockchip Solutions Spi Nor and SLC Nand Support List

Ver 1.12

2019-03-08

◆ Revision History

Revision No.	History	Date
1.00	ORG	2016.09.26
1.01	Add RV1108	2016.10.25
1.02	Add RKPX3SE, RK3036, RK3229	2017.03.23
1.03	Add SPI NAND and ONFI NAND devices	2017.03.28
1.04	Add GD9FU1G8F2AMG , GD9FS1G8F2AMG, PN27G01BBGITG and 25Q128JVSQ	2017.05.18
1.05	Add GD25Q127C , GD5F1GQ4UBYIG	2017.07.15
1.06	Add GD25Q512MC , GD5F2GQ4UBxIG , W25N01GV, MX35LF1GE4AB, MX35LF2GE4AB, MT29F1G01ZAC, XT25F128A and IS37SML01G1.	2018.02.28
1.07	Add RK3308.	2018.05.15
1.08	Add W25Q64FW, W25Q256JVFIQ, MX66L1G45GMI-08G, MX25L12833FM2I-10G, PN27G02ABGITG, XT26G02AWSEGA, XT26G01AWSEGA, PN26G01AWSIUG, SCFEC51G20AG21I, IMS1G083ZZF1-WP, IMS1G083ZZF1-WP, HYF4GQ4UAACBE, HYF2GQ4UDACAE, HYF2GQ4UAACAE, HYF2GQ4UHCCAE, HYF1GQ4UDACAE, XM25QH128A, XM25QH64A, H7A12G21B1CN, H7A11G21B1CH, H7A6EM26B7CT, H7A5DM26BACT, F50L2G41LBM1AM, F50L1G41LBM1AM, MX66L1G45GMI-08G, MX25L12833FM2I-10G, EN25QH128A.	2018.08.08
1.09	1.Add FS33ND01GS108TF10 , FS33ND01GH308TFC0 , FS33ND02GH208TFC0 , FS35ND01G-S1 , F59L1G81MA , K9F2G08U0F and K9F4G08U0F. 2. NanoC support SLC NAND FLASH. 3. Add RKPX30 and RV1107.	2018.09.25
1.10	1.Add GD25Q512MD, GD25Q256D, FMND2G08U3D-IA, FMND1G08U3D-IA, DS35Q1GA-1B, FS33ND04GS108TFIO, FS35ND02G-S2, IS34ML01G081-TLI. 2.EOL GD25Q512MC, GD25Q256C.	2018.11.01
1.11	1.Add RK2106. 2.Add DS35Q2GA-1B, PN27G04ABGITG, PN27G04BBGITG, AX20NV1G811TA110, AX20NV2G811TA110, EM73C044VCC-H and EM73D044VCE-H.	2018.12.28
1.12	Add RK1808	2019.03.08

◆ 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

◆ Note

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Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	RK2106	NanoD	NanoC	RV1108 RV1107	RKPX3 SE	RK3036	RK3308	RKPX3 0	RK3229	RK1808	Remark	
Toshiba	TC58CVG1S3HQAIE	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
Toshiba	TC58CVG0S3HQAIE	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
Toshiba	TC58NVG1S3HTA00	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
Toshiba	TC58NVG0S3HTA00	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
Toshiba	TC58NVG0S3HBAI4	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	TFBGA63
Toshiba	TC58NVG0S3HBAI6	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	TFBGA67
ATO	AFND1G08U3-CKA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	
SAMSUNG	K9F4G08U0F	4Gbits	512MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
SAMSUNG	K9F2G08U0F	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	
SAMSUNG	K9F1G08U0F	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
MICRON	MT29F4G08ABAEA	4Gbits	512MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
MICRON	MT29F1G08ABAEA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	
MICRON	MT29F1G01ZAC	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	N/A	SLC	
XTX	PN27G02ABGITG	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	BGA24
XTX	PN27G01BBGITG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	√	D/A	D/A	T/A	D/A	D/A	N/A	SLC	BGA24
XTX	XT25F128A	128Mbits	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
XTX	XT26G02AWSEGA	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
XTX	XT26G01AWSEGA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
XTX	PN26G01AWSIUG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	
XTX	PN27G04ABGITG	4Gbits	512MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
XTX	PN27G04BBGITG	4Gbits	512MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ICMAX	IMS2G083ZZF1-WP	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ICMAX	IMS1G083ZZF1-WP	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	RK2106	NanoD	NanoC	RV1108 RV1107	RKPX3 SE	RK3036	RK3308	RKPX3 0	RK3229	RK1808	Remark	
HYF	HYF4GQ4UAACBE	4Gbits	512MB	2.9V-3.6V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	
HYF	HYF2GQ4UDACAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
HYF	HYF2GQ4UAACAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
HYF	HYF2GQ4UHCCAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
HYF	HYF1GQ4UDACAE	1Gbits	128MB	2.9V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
XMC	XM25QH128A	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	SPI NOR	
XMC	XM25QH64A	64Mbit	8MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	SPI NOR	
AXEME	H7A12G21B1CN	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
AXEME	H7A11G21B1CH	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
AXEME	H7A6EM26B7CT	256Mbit	64MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	SPI NOR	
AXEME	H7A5DM26BACT	128Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	SPI NOR	
ESMT	F50L2G41LBM1AM	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	
ESMT	F50L1G41LBM1AM	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
ESMT	EN25QH128A	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	T/A	SPI NOR	
ESMT	F59L2G81A	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ESMT	F59L1G81MA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ESMT	F59L1G81LB	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ISSI	IS37SML01G1	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	D/A	SPI NAND	
ISSI	IS34ML01G081-TLI	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
UINIC	SCFECS1G20AG21I	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	RK2106	NanoD	NanoC	RV1108 RV1107	RKPX3 SE	RK3036	RK3308	RKPX3 0	RK3229	RK1808	Remark	
FORESEE	FS33ND04GS10BTfIO	4Gbits	512MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
FORESEE	FS33ND02GH208TfC0	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
FORESEE	FS33ND01GS108Tf10	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
FORESEE	FS33ND01GH308TfC0	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
FORESEE	FS35ND02G-S2	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
FORESEE	FS35ND01G-S1	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
Dosilicon	FMND2G08U3D-IA	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
Dosilicon	FMND1G08U3D-IA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
Dosilicon	DS35Q1GA-1B	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
Dosilicon	DS35Q2GA-1B	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
AXIA	AX20NV1G811TA110	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
AXIA	AX20NV2G811TA110	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	N/A	SLC	
ETRON	EM73C044VCC-H	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	
ETRON	EM73D044VCE-H	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	T/A	SPI NAND	