Rockchip Solutions Spi Nor and SLC Nand Support List

Ver 1.09

2018-09-25

◆ 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, SCFECS1G20AG21I, 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

◆ 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

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	NanoD	NanoC	RV1108 RV1107	RKPX3SE	RK3036	RK3308	RKPX30	RK3229	Remark	
GigaDevice	GD25Q256C	256Mbit	32MB	2.7V-3.6V	D/A	D/A	T/A	T/A	T/A	T/A	D/A	D/A	SPI NOR	
GigaDevice	GD25Q128C	128Mbit	16MB	2.7V-3.6V	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	EOL
GigaDevice	GD25Q64C	64Mbit	8MB	2.7V-3.6V	T/A	T/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
GigaDevice	GD25Q32C	32Mbit	4MB	2.7V-3.6V	T/A	T/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
GigaDevice	GD25Q16C	16Mbit	2MB	2.7V-3.6V	T/A	T/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
GigaDevice	GD25Q80C	8Mbit	1MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
GigaDevice	GD25Q40C	4Mbit	512KB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
GigaDevice	GD9FU1G8F2AMG	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	SLC	
GigaDevice	GD5F1GQ4UAYIG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	D/A	D/A	N/A	SLC	EOL
GigaDevice	GD9FS1G8F2AMG	1Gbits	128MB	1.7V-1.95V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
GigaDevice	GD25Q127C	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
GigaDevice	GD5F1GQ4UBYIG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND	
GigaDevice	GD5F2GQ4UBxIG	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	SPI NAND	
GigaDevice	GD25Q512MC	512Mbit	64MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
GigaDevice	GD5F2GQ4UCxIG	2Gbits	256MB	2.7V-3.6V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	
GigaDevice	GD5F1GQ4UCYIG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	NanoD	NanoC	RV1108 RV1107	RKPX3SE	RK3036	RK3308	RKPX30	RK3229	Remark	
Winbond	W25Q256FV	256Mbit	32MB	2.7V-3.6V	D/A	D/A	T/A	T/A	T/A	D/A	D/A	D/A	SPI NOR	EOL
Winbond	W25Q128FV	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	EOL
Winbond	W25Q64FV	64Mbit	8MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	D/A	D/A	N/A	SPI NOR	
Winbond	W25Q32FV	32Mbit	4MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25Q16DV	16Mbit	2MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25Q16JV	16Mbit	2MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25Q80DV	8Mbit	1MB	2.7V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25X40CL	4Mbit	512KB	2.3V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25Q41CL	4Mbit	512KB	2.3V-3.6V	D/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NOR	
Winbond	W25Q128JV	128Mbit	16MB	2.7V-3.6V	D/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
Winbond	W25N01GV	1Gbit	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND	
Winbond	W25Q64FW	64Mbit	8MB	1.65V-1.95V	D/A	D/A	N/A	N/A	N/A	D/A	D/A	N/A	SPI NOR	
Winbond	W25Q256JVFIQ	256Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	NanoD	NanoC	RV1108 RV1107	RKPX3SE	RK3036	RK3308	RKPX30	RK3229	Remark	
MXIC	MX25L25635F	256Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
MXIC	MX25L25639F	256Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
MXIC	MX25L12835F	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
MXIC	MX25L12839F	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
MXIC	MX25L12850F	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SPI NOR	
MXIC	MX35LF2GE4AB	2Gbit	256MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	SPI NAND	
MXIC	MX35LF1GE4AB	1Gbit	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	SPI NAND	
MXIC	MX30LF1G18AC	1Gbit	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX30LF2GE8AB	2Gbit	256MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX30LF4G18AC	4Gbit	512MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX30LF1G28AC	1Gbit	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX30LF2G18AC	2Gbit	256MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX30LF2G28AC	2Gbit	256MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
MXIC	MX25L25645GM2I-08G	256Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR	
MXIC	MX66L1G45GMI-08G	1Gbit	128MB	2.7V-3.6V	N/A	D/A	N/A	N/A	N/A	N/A	N/A	N/A	SPI NAND	
MXIC	MX25L12833FM2I-10G	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	NanoD	NanoC	RV1108 RV1107	RKPX3SE	RK3036	RK3308	RKPX30	RK3229	Remark	
Toshiba	TC58CVG0S3HQAIE	1Gbits	128MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	SPI NAND	
Toshiba	TC58CVG1S3HQAIE	2Gbits	256MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	SPI NAND	
Toshiba	TC58NVG0S3HTA00	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
Toshiba	TC58NVG0S3HBAI4	1Gbits	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	TFBGA63
Toshiba	TC58NVG0S3HBAI6	1Gbits	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	TFBGA67
Toshiba	TC58NVG1S3HTA00	2Gbits	256MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
ATO	AFND1G08U3-CKA	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	SLC	
SAMSUNG	K9F1G08U0F	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
SAMSUNG	K9F2G08U0F	2Gbits	256MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	SLC	
SAMSUNG	K9F4G08U0F	4Gbits	512MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
MICRON	MT29F1G08ABAEA	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	D/A	D/A	D/A	SLC	
MICRON	MT29F1G01ZAC	1Gbits	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	D/A	D/A			
MICRON	MT29F4G08ABAEA	4Gbits	512MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
XTX	PN27G01BBGITG	1Gbits	128MB	2.7V-3.6V	N/A	N/A	√	D/A	D/A	T/A	D/A	D/A	SLC	BGA24
XTX	PN27G02ABGITG	2Gbits	256MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/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	SPI NOR	
XTX	XT26G02AWSEGA	2Gbits	256MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND	
XTX	XT26G01AWSEGA	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/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	SPI NAND	
ICMAX	IMS2G083ZZF1-WP	2Gbits	256MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	
ICMAX	IMS1G083ZZF1-WP	1Gbits	128MB	2.7V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Voltage	NanoD	NanoC	RV1108 RV1107	RKPX3SE	RK3036	RK3308	RKPX30	RK3229	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	SPI NAND
HYF	HYF2GQ4UDACAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
HYF	HYF2GQ4UAACAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
HYF	HYF2GQ4UHCCAE	2Gbits	256MB	2.9V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
HYF	HYF1GQ4UDACAE	1Gbits	128MB	2.9V-3.6V	N/A	N/A	T/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
XMC	XM25QH128A	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR
XMC	XM25QH64A	64Mbit	8MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR
AXEME	H7A12G21B1CN	2Gbits	256MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SLC
AXEME	H7A11G21B1CH	1Gbits	128MB	2.7V-3.6V	N/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SLC
AXEME	H7A6EM26B7CT	256Mbit	64MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR
AXEME	H7A5DM26BACT	128Mbit	32MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/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	SPI NAND
ESMT	F50L1G41LBM1AM	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
ESMT	EN25QH128A	128Mbit	16MB	2.7V-3.6V	D/A	D/A	D/A	D/A	D/A	T/A	D/A	D/A	SPI NOR
ESMT	F59L1G81LB	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
ESMT	F59L1G81MA	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
ESMT	F59L2G81A	2Gbits	256MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
ISSI	IS37SML01G1	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	SPI NAND
UINIC	SCFECS1G20AG21I	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	T/A	D/A	N/A	SPI NAND
FORESEE	FS33ND01GS108TF10	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
FORESEE	FS33ND01GH308TFC0	1Gbits	128MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
FORESEE	FS33ND02GH208TFC0	2Gbits	256MB	2.7V-3.6V	N/A	D/A	T/A	D/A	D/A	T/A	D/A	D/A	SLC
FORESEE	FS35ND01G-S1	1Gbits	128MB	2.7V-3.6V	N/A	N/A	D/A	D/A	D/A	D/A	D/A	N/A	SPI NAND