

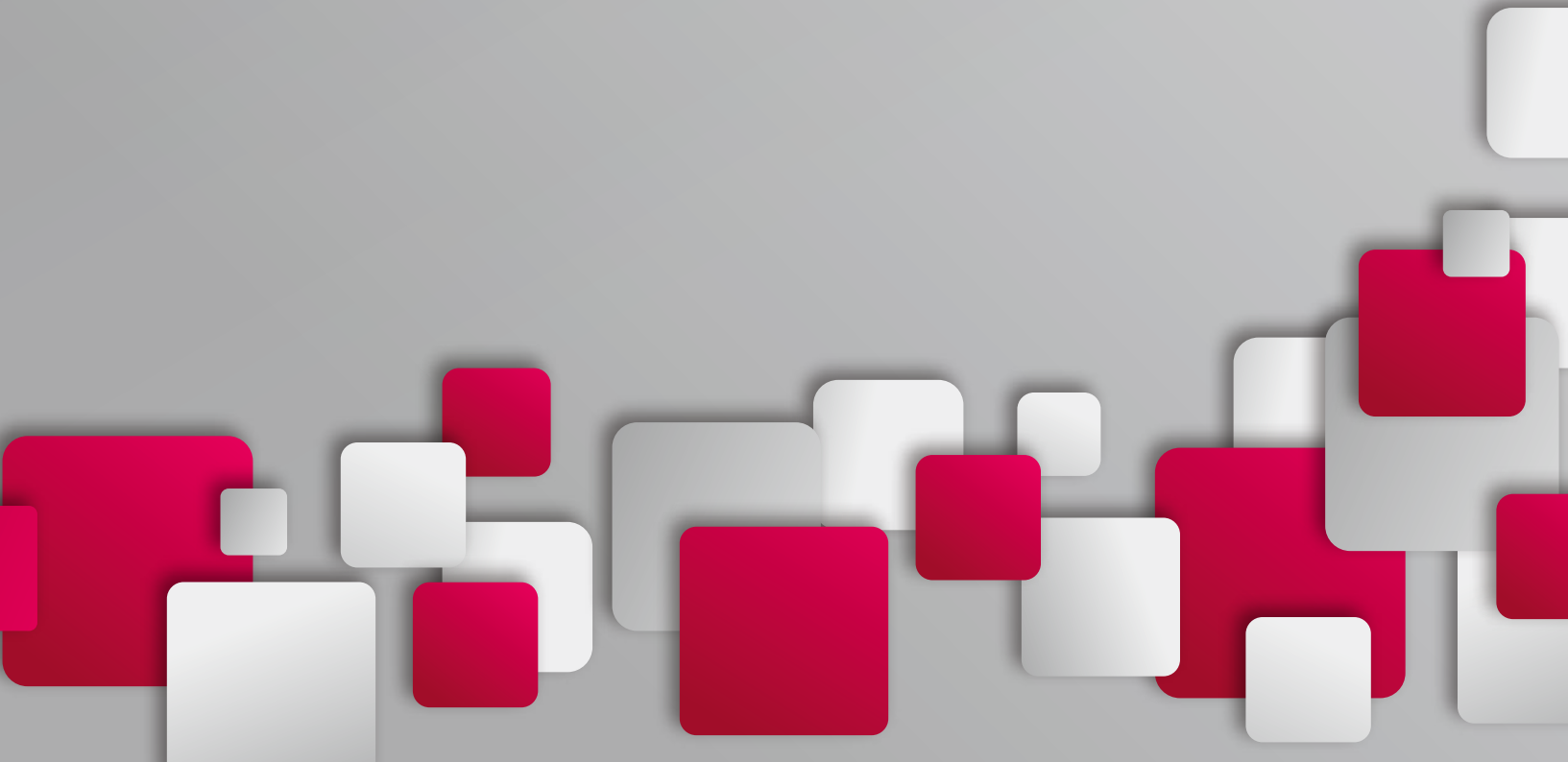


MACRONIX
INTERNATIONAL Co., LTD.

MACRONIX

NOR and NAND Flash Cross Reference Guide

April 2020



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Macronix Serial NOR Flash

MX **25L** **256** **35** **F** **M** **I** - **10** **G**

DEVICE :

25L/66L : 3V, Serial NOR Flash
 25U/66U : 1.8V, Serial NOR Flash
 25V : 2.5V, Serial NOR Flash

DENSITY :

512 : 512Kb
 10 : 1Mb
 20 : 2Mb
 40 : 4Mb
 80 : 8Mb
 16 : 16Mb
 32 : 32Mb
 64 : 64Mb
 128 : 128Mb
 256/257 : 256Mb
 512 : 512Mb
 1G : 1Gb
 2G : 2Gb

MODE :

06 : Single-in, Dual-out
 08 : Unique ID
 26 : Default Lock Protection
 33/35/39 : MXSMIO®-Multi-in, Multi-out
 36 : MXSMIO®-Single-in, Multi-out
 45 : MXSMIO® Duplex(DTR)-Multi-in, Multi-out
 50 : MXSMIO®-Security RPMC type
 55 : MXSMIO®-Security type
 73 : MXSMIO®-Multi I/O, Quad I/O Permanent Enable
 85 : MXSMIO®-Multi I/O, Dual Quad

OPTION :

G : RoHS Compliant

SPEED :

05 : 200MHz
 08 : 133MHz
 10 : 104MHz/108MHz
 12 : 80MHz/86MHz
 13 : 75MHz
 15 : 66MHz
 20 : 45MHz

TEMPERATURE RANGE :

E : Industrial (-55°C to 125°C)
 I : Industrial (-40°C to 85°C)
 J : Industrial (-40°C to 105°C)
 K : Industrial (-40°C to 125°C)
 S : Automotive Grade 3 (-40°C to 85°C)
 R : Automotive Grade 2 (-40°C to 105°C)
 Q : Automotive Grade 1 (-40°C to 125°C)

PACKAGE TYPE :

P : PDIP
 ZN/Z2/Z3/Z4 : WSON
 ZU/ZB : USON
 M/M1/M2 : SOP
 MB/MD : VSOP
 O : 8-TSSOP
 X : BGA
 BA/BB/BC/BD/BE : WLCSP

GENERATION

OctaBus Memory and Serial NOR Flash 1.8V G-Generation Example

MX **25UM** **256** **45** **G** **M** **I** - **0A**

DEVICE :

25U/66U : 1.8V, Serial NOR Flash
 25UM/66UM : 1.8V, 8 I/O, Serial NOR Flash
 25LM/66LM : 3V, 8 I/O, Serial NOR Flash

DENSITY :

128 : 128Mb
 256 : 256Mb
 512 : 512Mb
 1G : 1Gb
 2G : 2Gb

MODE :

45 : MXSMIO® Duplex[DTR]-Multi-in, Multi-out

MODEL CODE :

0A : Default STR, x1 I/O enable
 1A : Default DTR, x8 I/O enable
 00 : Default STR, x1 I/O enable, with password protection
 10 : Default DTR, x8 I/O enable, with password protection

TEMPERATURE RANGE :

I : Industrial (-40°C to 85°C)
 S : Automotive Grade 3 (-40°C to 85°C)
 R : Automotive Grade 2 (-40°C to 105°C)
 Q : Automotive Grade 1 (-40°C to 125°C)

PACKAGE TYPE :

M/M2 : SOP
 XD/XR : BGA
 ZN/Z2 : WSON

GENERATION

Wide Range Vcc Serial NOR Flash Example

MX **25R** **64** **35** **F** **M2** **I** - **L** **0**

DEVICE :

25R : Serial NOR Flash
 (Ultra Low Power/1.65-3.6V)

DENSITY :

512 : 512Kb
 10 : 1Mb
 20 : 2Mb
 40 : 4Mb
 80 : 8Mb
 16 : 16Mb
 32 : 32Mb
 64 : 64Mb

MODE :

35 : MXSMIO®-Multi-in, Multi-out

OPTION 2 :

0 : RESET#
 1 : HOLD#
 Q : Quad I/O Permanent Enable

OPTION 1 :

L : Ultra Low Power Mode (Default)
 H : High Performance Mode (Default)

TEMPERATURE RANGE :

I : Industrial (-40°C to 85°C)

PACKAGE TYPE :

ZN/Z2/Z3/Z4 : WSON
 ZU/ZB/ZA : USON
 M1/M2 : SOP
 0 : 8-TSSOP
 BD/BF : WLCSP

GENERATION

Wide Range Vcc Serial NOR Flash

Adesto

Cypress

Micron

Winbond

Density	Part Number	Packages	Recommended Macronix Part No.
256Kb	AT25DF256	8-SOP, 8-TSSOP, 8-USON	MX25R512F
512Kb	AT25DF512C	8-SOP, 8-TSSOP, 8-USON	MX25R512F
512Kb	AT25XE512C	8-SOP, 8-TSSOP, 8-USON	MX25R512F
1Mb	AT25DF011	8-SOP, 8-TSSOP, 8-USON	MX25R1035F
1Mb	AT25XE011	8-SOP, 8-TSSOP, 8-USON	MX25R1035F
2Mb	AT25DF021A	8-SOP, 8-TSSOP, 8-USON, 8-WSON	MX25R2035F
2Mb	AT25PE20	8-SOP, 8-WSON	MX25R2035F
2Mb	AT25XE021A	8-SOP, 8-TSSOP, 8-USON, 8-WSON	MX25R2035F
2Mb	AT25XV021A	8-SOP, 8-TSSOP, 8-USON, 8-WSON, 8-WLCSP	MX25R2035F
2Mb	AT45DB021E	8-SOP, 8-WSON, 8-WLCSP, KGD	MX25R2035F
4Mb	AT25DF041B	8-SOP, 8-TSSOP, 8-USON, 8-WSON	MX25R4035F
4Mb	AT25FF041A	NA	MX25R4035F
4Mb	AT25PE40	8-SOP, 8-WSON	MX25R4035F
4Mb	AT25XE041B	8-SOP, 8-TSSOP, 8-USON, 8-WSON, 8-WLCSP	MX25R4035F
4Mb	AT25XE041D	8-SOP, 8-USON, 8-WLCSP	MX25R4035F
4Mb	AT25XV041B	8-SOP, 8-TSSOP, 8-USON, 8-WSON, 8-WLCSP	MX25R4035F
4Mb	AT45DB041E	8-SOP, 8-WSON, 8-WLCSP, KGD	MX25R4035F
8Mb	AT25FF081A	NA	MX25R8035F
8Mb	AT25PE80	8-SOP, 8-WSON	MX25R8035F
8Mb	AT25XE081D	8-SOP, 8-USON, 8-WLCSP	MX25R8035F
8Mb	AT45DB081E	8-SOP, 8-WSON, 8-WLCSP, KGD	MX25R8035F
16Mb	AT25CY042	8-SOP, 8-WSON	MX25R1635F
16Mb	AT25FF161A	8-SOP, 8-USON, 8-WLCSP, KGD	MX25R1635F
16Mb	AT25XE161D	8-SOP, 8-USON, 8-WLCSP	MX25V1635F
32Mb	AT25FF321A	8-SOP, 8-WSON, 12-WLCSP	MX25R3235F
32Mb	AT25XE321B	8-SOP, 8-WLCSP, 8-WSON	MX25R3235F
32Mb	AT25XE321D	NA	MX25R3235F
64Mb	AT45DB641E	8-SOP, 8-WSON, 9-UBGA, WLCSP	MX25R6435F

3V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Kb	RM24C32	8-SOP, 8-TSSOP	Contact Macronix Sales
32Kb	RM25C32	8-SOP, 8-TSSOP	Contact Macronix Sales
32Kb	RM3333	8-SOP	Contact Macronix Sales
64Kb	RM24C64	8-SOP, 8-TSSOP	Contact Macronix Sales
64Kb	RM25C64	8-SOP, 8-TSSOP, 8-USON, 8-WSON	Contact Macronix Sales
64Kb	RM3334	8-SOP	Contact Macronix Sales
128Kb	RM3335	8-SOP	Contact Macronix Sales
256Kb	RM3336	8-SOP	Contact Macronix Sales
512Kb	AT25BCM512B	8-USON	MX25V1006F
512Kb	AT25F512B	8-SOP, 8-USON	MX25V1006F
1Mb	AT45DB011D	8-SOP, 8-WSON	MX25V1006F
2Mb	AT25DF021	8-SOP, 8-WSON	MX25V2033F
2Mb	AT45DB021	8-SOP, 8-WSON	MX25V2033F
2Mb	AT45DB021D	8-SOP, 8-WSON	MX25V2033F
4Mb	AT25DF041A	8-SOP, 8-WSON	MX25V4035F
4Mb	AT45DB041	8-SOP, 8-USON	MX25V4035F
4Mb	AT45DB041D	8-SOP, 8-WSON	MX25V4035F
8Mb	AT25DF081A	8-SOP, 8-WSON	MX25V8035F
8Mb	AT26DF081A	8-SOP	MX25V8035F
8Mb	AT45DB081	8-SOP, 8-USON	MX25V8035F
8Mb	AT45DB081D	8-SOP, 8-WSON	MX25V8035F
16Mb	AT25DF161	8-SOP, 8-WSON	MX25V1635F
16Mb	AT25DQ161	8-SOP, 8-WSON	MX25V1635F
16Mb	AT45DB161	8-SOP, 8-USON, 28-TSOP	MX25V1635F
16Mb	AT45DB161D	8-SOP, 8-TSSOP, 8-WSON	MX25V1635F
16Mb	AT25SF161B	8-SOP, 8-WLCSP, 8-WSON, KGD	MX25V1635F

3V Serial NOR Flash

Adesto

Cypress

Micron

Winbond

Density	Part Number	Packages	Recommended Macronix Part No.
32Mb	AT25DF321A	8-SOP, 8-WSON, 9-UBGA	MX25L3233F
32Mb	AT25DQ321	8-SOP, 8-WSON	MX25L3233F
32Mb	AT25SF321B	8-SOP, 8-WSON, KGD	MX25L3233F
32Mb	AT45DB321	8-SOP, 8-SON, 24-BGA, 28-TSOP	Contact Macronix Sales
32Mb	AT45DB321D	8-SOP, 8-WSON, 28-TSOP	MX25L3233F
64Mb	AT25DF641	8-WSON, 16-SOP	MX25L6433F
64Mb	AT25DF641A	8-SOP, 8-WSON	MX25L6433F
64Mb	AT25QF641	8-SOP, 8-WSON, 8-WLCSP, 24-BGA, KGD	MX25L6473F
64Mb	AT25SF641	8-SOP, 8-WSON, 21-WLCSP, 24-BGA, KGD	MX25L6433F
64Mb	AT25SF641B	8-SOP, 8-WSON, KGD	MX25L6433F
64Mb	AT45DB642	8-SON, 24-BGA, 28-TSOP	Contact Macronix Sales
64Mb	AT45DB642D	8-SOP, 28-TSOP	MX25L6433F
128Mb	AT25SF128A	8-SOP, 8-WSON	MX25L12833F
128Mb	AT25QF128A	8-SOP, 8-WSON	MX25L12833F

2.5V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Kb	RM3323	8-SOP	Contact Macronix Sales
64Kb	RM3324	8-SOP	Contact Macronix Sales
128Kb	RM3325	8-SOP	Contact Macronix Sales
256Kb	AT25DN256	8-SOP, 8-TSSOP, 8-USON	Contact Macronix Sales
256Kb	RM3326	8-SOP	Contact Macronix Sales
512Kb	AT25DN512C	8-SOP, 8-TSSOP, 8-USON	MX25V1006F
1Mb	AT25DN011	8-SOP, 8-TSSOP, 8-USON	MX25V1006F
4Mb	AT25SF041	8-SOP, 8-TSSOP, 8-USON, 8-WSON	MX25V4035F
8Mb	AT25SF081	8-SOP, 8-TSSOP, 8-USON, 8-WSON	MX25V8035F
16Mb	AT25SF161	8-SOP, 8-WSON, 8-WLCSP, KGD	MX25V1635F
16Mb	AT45DB161E	8-SOP, 8-WSON, 11-WLCSP	MX25V1635F
16Mb	AT45DQ161	8-SOP, 8-WSON, 9-UBGA	MX25V1635F
32Mb	AT25SF321	8-SOP, 8-WSON	MX25R3235F
32Mb	AT45DB321E	8-SOP, 8-WSON, 9-UBGA	Contact Macronix Sales
32Mb	AT45DQ321	8-SOP, 8-WSON, 9-UBGA	MX25R3235F

1.8V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Kb	RM3003	8-SOP	Contact Macronix Sales
32Kb	RM3313	8-SOP	Contact Macronix Sales
64Kb	RM3004	8-SOP	Contact Macronix Sales
64Kb	RM3314	8-SOP	Contact Macronix Sales
128Kb	RM3005	8-SOP	Contact Macronix Sales
128Kb	RM3315	8-SOP	Contact Macronix Sales
256Kb	RM3007	8-SOP	Contact Macronix Sales
256Kb	RM3316	8-SOP	Contact Macronix Sales
8Mb	AT25DF081	8-SOP, 8-WSON	MX25U8035F
8Mb	AT25DL081	8-WSON	MX25U8035F
8Mb	AT45DQ081	8-SOP, 8-WSON	MX25U8035F
16Mb	AT25DL161	8-SOP, 8-WSON	MX25U1633F
32Mb	AT25QL321	8-SOP, 8-USON, 8-WSON, 21-WLCSP, 24-BGA, KGD	MX25U3273F

1.8V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Mb	AT25SL321	8-SOP, 8-USON, 8-WSON, 24-BGA, KGD, WLCSP	MX25U3232F
32Mb	ATXP032	24-BGA, KGD, WLCSP	Contact Macronix Sales
64Mb	AT25QL641	8-SOP, 8-WSON, 21-WLCSP, 24-BGA, KGD	MX25U6472F
64Mb	AT25SL641	8-SOP, 8-WSON, 21-WLCSP, 24-BGA, KGD	MX25U6432F
64Mb	ATXP064B	NA	MX25UW6445G
128Mb	AT25QL128A	8-SOP, 8-WSON, 21-WLCSP, 24-BGA, 26-WLCSP, KGD	MX25U12872F
128Mb	AT25SL128	8-SOP, 8-WSON, 9-UBGA, 21-WLCSP, KGD	MX25U12835F
128Mb	AT25SL128A	8-SOP, 8-WSON, 21-WLCSP, 24-BGA, 26-WLCSP, KGD	MX25U12835F
128Mb	ATXP128	24-BGA, KGD, WLCSP	MX25UM12845G

Related package with different name

Adesto	Macronix
SOIC	SOP
UDFN / VDFN	USON / WSON
xBGA	BGA
Wafer-Die Solution	KGD

3V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
4Mb	S25FL004A	8-SOP, 8-WSON	MX25V4035F
4Mb	S25FL004K	8-SOP	MX25V4035F
4Mb	S25FL040A	8-SOP, 8-WSON	MX25V4035F
4Mb	S25FL204K	8-SOP	MX25V4035F
8Mb	S25FL008A	8-SOP, 8-WSON	MX25V8035F
8Mb	S25FL008K	8-SOP	MX25V8035F
8Mb	S25FL208K	8-SOP	MX25V8035F
16Mb	S25FL016A	8-SOP, 8-WSON, 16-SOP	MX25V1635F
16Mb	S25FL016K	8-SOP	MX25V1635F
16Mb	S25FL116K	8-SOP, 8-WSON, 24-BGA	MX25V1635F
16Mb	S25FL216K	8-SOP	MX25V1635F
32Mb	S25FL032A	16-SOP	MX25L3233F
32Mb	S25FL032K	8-SOP	MX25L3233F
32Mb	S25FL032P	8-SOP, 8-USON, 8-WSON, 16-SOP, 24-BGA	MX25L3233F
32Mb	S25FL132K	8-SOP, 8-WSON, 24-BGA	MX25L3233F
32Mb	S99FL132K	24-BGA	Contact Macronix Sales
64Mb	S25FL064A	16-SOP	MX25L6433F
64Mb	S25FL064K	8-SOP, 16-SOP	MX25L6433F
64Mb	S25FL064L	8-SOP, 8-USON, 24-BGA	MX25L6433F
64Mb	S25FL064P	8-WSON, 16-SOP, 24-BGA	MX25L6433F
64Mb	S25FL164K	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L6433F
128Mb	S25FL127S	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	S25FL128K	16-SOP	MX25L12833F
128Mb	S25FL128L	8-SOP, 8-WSON, 24-BGA	MX25L12833F
128Mb	S25FL128P	8-WSON, 16-SOP	MX25L12833F
128Mb	S25FL128S	8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	S25FL129P	8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	S26KL128S	24-BGA	MX25LM12845G
256Mb	S25FL256L	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	S25FL256S	8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	S26KL256S	24-BGA	MX25LM25645G
256Mb	S70FL256P	16-SOP, 24-BGA	MX25L25645G

Adesto

Cypress

Micron

Winbond

3V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
256Mb	S79FL256S	16-SOP	Contact Macronix Sales
512Mb	S25FL512S	16-SOP, 24-BGA, KGD	MX25L51245G, MX25L51237G
512Mb	S25HL512T	16-SOP, 24-BGA,	MX25L51245G
512Mb	S26KL512S	24-BGA	MX25LM51245G
512Mb	S28HL512T	24-BGA	MX25LM51245G
512Mb	S79FL512S	16-SOP	Contact Macronix Sales
1Gb	S70FL01GS	16-SOP, 24-BGA	MX66L1G45G
1Gb	S79FL01GS	24-BGA	Contact Macronix Sales

1.8V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
64Mb	S25FS064S	8-SOP, 24-BGA, KGD	MX25U6432F
128Mb	S25FS128S	8-SOP, 8-WSON, 24-BGA	MX25U12832F
128Mb	S26KS128S	24-BGA	MX25UM12845G
256Mb	S25FS256S	8-WSON, 16-SOP, 24-BGA, KGD	MX25U25645G
256Mb	S26KS256S	24-BGA	MX25UM25645G
512Mb	S25FS512S	8-WSON, 16-SOP, 24-BGA	MX25U51245G
512Mb	S25HS512T	16-SOP, 24-BGA,	MX25U51245G
512Mb	S26KS512S	24-BGA	MX25UM51245G
512Mb	S26HS512T	24-BGA	MX25UM51245G
512Mb	S28HS512T	24-BGA	MX25UM51245G
1Gb	S70FS01GS	16-SOP, 24-BGA	MX66U1G45G

Related package with different name

Cypress	Macronix
KGW	KGD
SO	SOP
xBGA	BGA

3V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Mb	M25PE10	8-SOP, KGD	MX25V1006F
1Mb	M45PE10	8-SOP	MX25V1006F
2Mb	M25P20	8-SOP, 8-WSON	MX25V2033F
2Mb	M25PE20	8-SOP, KGD	MX25V2033F
2Mb	M45PE20	8-SOP, 8-WSON	MX25V2033F
4Mb	M25PE40	8-SOP, 8-WSON	MX25V4035F
4Mb	M45PE40	8-SOP, 8-WSON	MX25V4035F
8Mb	M25P80	8-SOP, 8-USON, 8-WSON	MX25V8035F
8Mb	M25PE80	8-SOP, 8-WSON	MX25V8035F
8Mb	M25PX80	8-SOP, 8-WSON	MX25V8035F
8Mb	M45PE80	8-SOP, 8-WSON	MX25V8035F
16Mb	M25P16	8-SOP, 8-USON, 8-WSON, 16-SOP, KGD	MX25V1635F
16Mb	M25PE16	8-SOP, 8-WSON	MX25V1635F
16Mb	M45PE16	8-SOP, 8-WSON	MX25V1635F
32Mb	M25P32	8-SOP, 16-SOP	MX25L3233F
32Mb	M25PX32	8-WSON, 24-BGA	MX25L3233F
32Mb	N25Q032A13	8-SOP, 8-USON, 8-WSON, 16-SOP, 24-BGA, KGD	MX25L3233F
32Mb	N25Q032A23	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25L3233F
32Mb	N25Q032A33	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25L3233F

3V Serial NOR Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Adesto	32Mb	N25Q032A43	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25L3233F
Cypress	64Mb	M25P64	8-SOP, 16-SOP	MX25L6433F
	64Mb	M25PX64	8-SOP, 16-SOP, 24-BGA	MX25L6433F
Micron	64Mb	N25Q064A13	8-SOP, 8-WSON, 16-SOP, 24-BGA, XF-SCSP, KGD	MX25L6433F
	64Mb	N25Q064A23	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L6433F
	64Mb	N25Q064A33	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L6433F
	64Mb	N25Q064A43	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L6433F
Winbond	128Mb	M25P128	8-WSON, 16-SOP	MX25L12833F
	128Mb	MT25QL128A	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L12833F
	128Mb	N25Q128A13	8-SOP, 8-WSON, 16-SOP, 24-BGA, KGD	MX25L12833F
	128Mb	N25Q128A23	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L12833F
	128Mb	N25Q128A33	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L12833F
	128Mb	N25Q128A43	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25L12833F
	256Mb	MT25QL256A	8-WSON, 16-SOP, 24-BGA	MX25L25645G
	256Mb	MT25TL256B	16-SOP	Contact Macronix Sales
	256Mb	MT25TL256H	16-SOP	Contact Macronix Sales
	256Mb	N25Q256A13	8-WSON, 16-SOP, 24-BGA	MX25L25645G
	256Mb	N25Q256A23	8-SON, 16-SOP, 24-BGA	MX25L25645G
	256Mb	N25Q256A33	8-WSON	MX25L25645G
	256Mb	N25Q256A43	8-SON, 16-SOP, 24-BGA	MX25L25645G
	256Mb	N25Q256A73	16-SOP	MX25L25645G
	256Mb	N25Q256A83	16-SOP, 24-BGA	MX25L25645G
	256Mb	MT35XL256AB	24-BGA	MX25LM25645G
	512Mb	MT25QL512AB	8-WSON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	MT25TL512B	16-SOP, 24-BGA	Contact Macronix Sales
	512Mb	MT25TL512H	16-SOP, 24-BGA	MX66L51289G
	512Mb	MT35XL512AB	24-BGA	MX25LM51245G
	512Mb	N25Q512A13	8-WSON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	N25Q512A23	8-SON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	N25Q512A33	8-SON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	N25Q512A43	8-SON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	N25Q512A73	8-SON, 16-SOP, 24-BGA	MX25L51245G
	512Mb	N25Q512A83	16-SOP, 24-BGA	MX25L51245G
	1Gb	MT25QL01GB	8-WSON, 16-SOP, 24-BGA	MX66L1G45G
	1Gb	MT25TL01GB	16-SOP, 24-BGA	Contact Macronix Sales
	1Gb	MT25TL01GH	16-SOP, 24-BGA	Contact Macronix Sales
	1Gb	MT35XL01GBB	24-BGA	MX66LM1G45G
	1Gb	N25Q00AA13	16-SOP, 24-BGA	MX66L1G45G
	2Gb	MT25QL02GC	24-BGA	MX66L2G45G
	2Gb	MT35XL02GCB	24-BGA	MX66LM2G45G

2.5V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
512Kb	M25P05	8-SOP	MX25V512F
1Mb	M25P10	8-SOP, 8-USON, 8-WSON, KGD	MX25V1006F
4Mb	M25P40	8-SOP, 8-USON, 8-WSON	MX25V4035F
16Mb	M25PX16	8-SOP, 8-WSON, 24-BGA, KGD	MX25V1635F

1.8V Serial NOR Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Adesto	16Mb	N25Q016A11	8-SOP, 8-WSON, XF-SCSP	MX25U1633F
Cypress	16Mb	N25Q016A21	8-SOP, 8-SON, 8-USON, 8-WLCSP	MX25U1633F
	16Mb	N25Q016A31	8-SOP, 8-SON, 8-USON, 8-WLCSP	MX25U1633F
Micron	16Mb	N25Q016A41	8-SOP, 8-SON, 8-USON, 8-WLCSP	MX25U1633F
	32Mb	N25Q032A11	8-SOP, 8-USON, 8-WSON	MX25U3232F
	32Mb	N25Q032A21	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25U3232F
	32Mb	N25Q032A31	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25U3232F
	32Mb	N25Q032A41	8-SOP, 8-SON, 8-USON, 16-SOP, 24-BGA	MX25U3232F
	32Mb	N25W032A	8-SOP, 8-SON	MX25U3232F
	64Mb	N25Q064A11	8-SOP, 8-WSON, 24-BGA, XF-SCSP	MX25U6432F
	64Mb	N25Q064A21	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U6432F
	64Mb	N25Q064A31	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U6432F
	64Mb	N25Q064A41	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U6432F
	128Mb	MT25QU128A	8-SOP, 8-WSON, 15-WLCSP, 16-SOP, 24-BGA	MX25U12832F
	128Mb	N25Q128A11	8-SOP, 8-WSON, 16-SOP, 24-BGA, KGD	MX25U12832F
	128Mb	N25Q128A21	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U12832F
	128Mb	N25Q128A31	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U12832F
	128Mb	N25Q128A41	8-SOP, 8-SON, 16-SOP, 24-BGA	MX25U12832F
	256Mb	MT25QU256A	8-WSON, 16-SOP, 23-WLCSP, 24-BGA	MX25U25645G
	256Mb	MT25TU256H	16-SOP	Contact Macronix Sales
	256Mb	N25Q256A11	8-WSON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	N25Q256A21	8-SON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	N25Q256A31	8-SON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	N25Q256A41	8-SON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	N25Q256A71	8-SON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	N25Q256A81	16-SOP	MX25U25645G
	256Mb	MT35XU256AB	24-BGA, 16-SOP	MX25UM25645G
	512Mb	MT25QU512AB	8-WSON, 16-SOP, 27-WLCSP	MX25U51245G
	512Mb	MT25TU512H	24-BGA	Contact Macronix Sales
	512Mb	MT35XU512AB	24-BGA	MX25UM51245G
	512Mb	N25Q512A11	16-SOP, 24-BGA	MX25U51245G
	512Mb	N25Q512A21	8-SON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	N25Q512A31	8-SON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	N25Q512A41	8-SON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	N25Q512A71	8-SON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	N25Q512A81	16-SOP	MX25U51245G
	1Gb	MT25QU01GAB	16-SOP, 24-BGA	MX66U1G45G
	1Gb	MT25QU01GB	8-WSON, 16-SOP, 24-BGA	MX66U1G45G
	1Gb	MT25TU01GH	16-SOP, 24-BGA	Contact Macronix Sales
	1Gb	MT35XU01GAB	24-BGA	MX66UM1G45G
	1Gb	N25Q00AA11	16-SOP, 24-BGA	MX66U1G45G
	2Gb	MT25QU02GAB	16-SOP, 24-BGA	MX66U2G45G
	2Gb	MT25QU02GC	24-BGA	MX66U2G45G
	2Gb	MT35XU02GCB	24-BGA	MX66UM2G45G

Related package with different name

Micron	Macronix
S0	SOP
xBGA	BGA
U-PDFN / V-PDFN / W-PDFN	USON / WSON

3V Serial NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Mb	W25X10BV	8-SOP, 8-WSON	MX25V1006F
2Mb	W25Q20CV	8-SOP, 8-USON, 8-VSOP, 8-WSON	MX25V2033F
2Mb	W25X20BV	8-SOP, 8-WSON	MX25V2033F
2Mb	W25X20CV	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25V2033F
4Mb	W25Q40BV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 8-USON	MX25V4035F
4Mb	W25Q40CV	8-SOP, 8-USON, 8-VSOP, 8-WSON, 8-WLCSP	MX25V4035F
4Mb	W25X40BV	8-PDIP, 8-SOP, 8-WSON	MX25V4035F
4Mb	W25X40CV	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25V4035F
8Mb	W25Q80BV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 8-USON	MX25V8035F
8Mb	W25Q80DV	8-SOP, 8-USON, 8-VSOP, 8-WLCSP, 8-WSON	MX25V8035F
8Mb	W25Q80JV	8-SOP, 8-USON, 8-VSOP, 8-WSON	MX25V8035F
16Mb	W25Q16CV	8-PDIP, 8-SOP, 8-WSON, 24-BGA	MX25V1635F
16Mb	W25Q16DV	8-SOP, 8-WLCSP, 8-WSON, 16-SOP, 24-BGA	MX25V1635F
16Mb	W25Q16JV	8-SOP, 8-USON, 8-WLCSP, 8-WSON	MX25V1635F
16Mb	W25Q16JV-DTR	8-SOP, 8-USON, 8-WSON	Contact Macronix Sales
32Mb	W25Q32BV	8-PDIP, 8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L3233F
32Mb	W25Q32FV	8-PDIP, 8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L3233F
32Mb	W25Q32JV	8-PDIP, 8-SOP, 8-VSOP, 8-USON, 8-WSON, 16-SOP, 24-BGA	MX25L3233F
32Mb	W25Q32JV-DTR	8-SOP, 8-USON, 8-WSON, 16-SOP, 24-BGA	Contact Macronix Sales
32Mb	W25X32V	8-PDIP, 8-SOP, 8-WSON, 16-SOP	MX25L3233F
64Mb	W25Q64BV	8-PDIP, 8-SOP, 8-WSON	MX25L6433F
64Mb	W25Q64CV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX25L6433F
64Mb	W25Q64FV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX25L6433F
64Mb	W25Q64JV	8-SOP, 8-USON, 8-WSON, 16-SOP, 24-BGA	MX25L6433F
64Mb	W25Q64JV-DTR	8-SOP, 8-WSON, 16-SOP	MX25L6445E
64Mb	W25R64FV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX77L6450F
64Mb	W25R64JV	8-SOP, 8-WSON	MX77L6450F
64Mb	W25X64V	8-PDIP, 8-WSON, 16-SOP	MX25L6433F
128Mb	W25Q128BV	8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	W25Q128FV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	W25Q128JV	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L12833F
128Mb	W25Q128JV-DTR	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25L12845G
128Mb	W25R128FV	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 16-SOP, 24-BGA	MX25L12850F
128Mb	W25R128JV	8-SOP, 8-WSON	MX25L12850F
256Mb	W25H256JV	8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	W25Q256FV	8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	W25Q256JV	8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	W25Q256JV-DTR	8-WSON, 16-SOP, 24-BGA	MX25L25645G
256Mb	W25Q257FV	8-WSON, 16-SOP, 24-BGA	MX25L25733F
256Mb	W25Q257JV	8-WSON, 16-SOP	MX25L25733F
256Mb	W25R256JV	8-WSON	MX77L25650F
512Mb	W25H512JV	8-WSON, 16-SOP, 24-BGA	MX25L51245G
512Mb	W25M512JV	8-WSON, 16-SOP, 24-BGA	MX25L51245G
512Mb	W25Q512JV	8-WSON, 16-SOP, 24-BGA	MX25L51245G
1Gb	W25H01JV	16-SOP, 24-BGA	MX66L1G45G
1Gb	W25Q01JV	24-BGA	MX66L1G45G
2Gb	W25H02JV	16-SOP, 24-BGA	MX66L2G45G

Adesto

Cypress

Micron

Winbond

2.5V Serial NOR Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Adesto	512Kb	W25X05CL	8-SOP, 8-TSSOP, 8-USON	MX25V1006F
Cypress	1Mb	W25X10AL	8-SOP, 8-WSON	MX25V1006F
	1Mb	W25X10CL	8-SOP, 8-USON	MX25V1006F
Micron	2Mb	W25Q20CL	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25V2033F
	2Mb	W25X20AL	8-SOP, 8-WSON	MX25V2033F
	2Mb	W25X20BL	8-SOP, 8-VSOP, 8-WSON, 8-USON	MX25V2033F
	2Mb	W25X20CL	8-SOP, 8-VSOP, 8-USON, 8-WLCSP, 8-WSON	MX25V2033F
	4Mb	W25Q40BL	8-SOP, 8-WSON	MX25V4035F
	4Mb	W25Q40CL	8-SOP, 8-USON, 8-WLCSP	MX25V4035F
	4Mb	W25X40AL	8-PDIP, 8-SOP, 8-WSON	MX25V4035F
	4Mb	W25X40BL	8-PDIP, 8-SOP, 8-VSOP, 8-WSON, 8-USON	MX25V4035F
	4Mb	W25X40CL	8-SOP, 8-VSOP, 8-USON, 8-WLCSP, 8-WSON	MX25V4035F
	8Mb	W25Q80BL	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25V8035F
	8Mb	W25Q80DL	8-SOP, 8-VSOP, 8-USON, 8-WSON, 8-WLCSP	MX25V8035F
	8Mb	W25X80AL	8-PDIP, 8-SOP, 8-WSON	MX25V8035F
	16Mb	W25Q16CL	8-SOP, 8-VSOP, 8-WSON	MX25V1635F
	16Mb	W25Q16JL	8-SOP, 8-USON, 8-VSOP, 8-WSON	MX25V1635F

1.8V Serial NOR Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
	1Mb	W25Q10EW	8-SOP, 8-VSOP, 8-USON, 8-WLCSP	MX25U1001E
	1Mb	W25X10EW	8-SOP, 8-USON	MX25U1001E
	2Mb	W25Q20BW	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25U2035F
	2Mb	W25Q20EW	8-SOP, 8-VSOP, 8-USON, 8-WLCSP	MX25U2035F
	4Mb	W25Q40BW	8-SOP, 8-VSOP, 8-USON, 8-WSON	MX25U4035F
	4Mb	W25Q40EW	8-SOP, 8-VSOP, 8-WLCSP, 8-WSON	MX25U4035F
	8Mb	W25Q80BW	8-SOP, 8-VSOP, 8-WSON, 8-WLCSP	MX25U8035F
	8Mb	W25Q80EW	8-SOP, 8-VSOP, 8-USON, 8-WSON, 8-WLCSP	MX25U8035F
	16Mb	W25Q16DW	8-SOP, 8-USON, 8-WSON, 8-WLCSP, 16-SOP	MX25U1633F
	16Mb	W25Q16FW	8-SOP, 8-USON, 8-WSON, 8-WLCSP, 16-SOP	MX25U1633F
	16Mb	W25Q16JW	8-SOP, 8-USON, 8-WLCSP, 8-WSON	MX25U1633F
	32Mb	W25Q32DW	8-SOP, 8-VSOP, 8-WSON, 16-SOP	MX25U3232F
	32Mb	W25Q32FW	8-SOP, 8-VSOP, 8-WLCSP, 8-WSON, 16-SOP	MX25U3232F
	32Mb	W25Q32JW	8-PDIP, 8-SOP, 8-VSOP, 8-WLCSP, 8-WSON, 16-SOP	MX25U3232F
	32Mb	W25Q32JW-DTR	8-SOP, 8-VSOP, 8-WLCSP, 8-WSON, 16-SOP	Contact Macronix Sales
	64Mb	W25Q64DW	8-SOP, 8-WSON, 16-SOP	MX25U6432F
	64Mb	W25Q64FW	8-SOP, 8-VSOP, 8-WSON, 8-WLCSP	MX25U6432F
	64Mb	W25Q64JW	8-SOP, 8-USON, 8-WLCSP, 8-WSON, 24-BGA	MX25U6432F
	64Mb	W25R64JW	8-WSON	MX77L6450F
	128Mb	W25Q128FW	8-SOP, 8-VSOP, 8-WLCSP, 8-WSON, 16-SOP	MX25U12832F
	128Mb	W25Q128JW	8-SOP, 8-WSON, 16-SOP	MX25U12832F
	128Mb	W25Q128JW-DTR	8-SOP, 8-WSON, 16-SOP, 24-BGA	MX25U12832F
	256Mb	W25Q256JW	8-WLCSP, 8-WSON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	W25Q256JW-DTR	8-WSON, 16-SOP, 24-BGA	MX25U25645G
	256Mb	W25R256JW	8-WSON, 16-SOP	MX77U25650F
	512Mb	W25M512JW	8-WSON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	W25H512NW	8-WSON, 16-SOP, 24-BGA	MX25U51245G
	512Mb	W25Q512NW	8-WSON, 16-SOP, 24-BGA	MX25U51245G 54
	512Mb	W25Q512NW-DTR	8-WSON, 16-SOP, 24-BGA	MX25U51245G
	1G	W25H01NW	8-WSON, 16-SOP, 24-BGA	MX66U1G45G
	1G	W25Q01NW	8-WSON, 16-SOP, 24-BGA	MX66U1G45G 54
	1G	W25Q01NW-DTR	8-WSON, 16-SOP, 24-BGA	MX66U1G45G

1.2V Serial NOR Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Adesto	2Mb	W25Q20ND	8-SOP, 8-USON, 8-VSOP, 8-WLCSP	Contact Macronix Sales
Cypress	4Mb	W25Q40ND	8-SOP, 8-USON, 8-VSOP, 8-WLCSP	Contact Macronix Sales
	8Mb	W25Q80ND	8-SOP, 8-USON, 8-VSOP, 8-WLCSP, 8-WSON	MX25S8035F
Micron	8Mb	W25Q81ND	8-SOP, 8-USON, 8-VSOP, 8-WLCSP, 8-WSON	MX25S8035F
	16Mb	W25Q16ND	8-SOP, 8-USON, 8-WLCSP, 8-WSON, 16-SOP	Contact Macronix Sales
	32Mb	W25Q32ND	8-SOP, 8-USON, 8-WSON, 16-SOP, 24-BGA	Contact Macronix Sales
	64Mb	W25Q64ND	8-SOP, 8-USON, 8-WLCSP, 8-WSON, 24-BGA	MX25S6435F

Winbond

Related package with different name

Winbond	Macronix
WLBGA / WLCSP	WLCSP
SOIC	SOP
xBGA	BGA

Macronix Parallel NOR Flash

MX **29GL** **512** **F** **H** **XF** **I** - **90** **G**

DEVICE :

29F: 5V
 29LV/29GL/68GL: 3V
 29NS/29VS/29SL: 1.8V
 29LA/29GA/68GA : Security type

OPTION :

G : RoHS Compliant
 Q : Restricted
 Vcc : (3.0V-3.6V),
 RoHS Compliant

DENSITY :

20x : 2Mb
 40x/040 : 4Mb
 80x : 8Mb
 16x : 16Mb
 32x : 32Mb
 64x : 64Mb
 12x : 128Mb
 25x : 256Mb
 51x : 512Mb
 1Gx : 1Gb

SPEED :

55: 55ns
 70: 70ns
 80: 80ns
 90: 90ns
 10: 100ns
 11: 110ns
 12: 120ns

GENERATION

TEMPERATURE RANGE :

C : Commercial (0°C to 70°C)
 I : Industrial (-40°C to 85°C)
 J : Industrial (-40°C to 105°C)
 S : Automotive Grade 3 (-40°C to 85°C)
 R : Automotive Grade 2 (-40°C to 105°C)

BLOCK TYPE :

T : Top Boot
 B : Bottom Boot
 H : Uniform Sector, Highest Address Sector Protected
 L : Uniform Sector, Lowest Address Sector Protected
 U : VI/O=1.65 to VCC, VCC=2.7 to 3.6V, Highest Address Sector Protected
 D : VI/O=1.65 to VCC, VCC=2.7 to 3.6V, Lowest Address Sector Protected

PACKAGE TYPE :

M: SOP
 Q : PLCC
 T : TSOP
 X : BGA

5V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Mb	AM29F010B	32-PDIP, 32-TSOP	Contact Macronix Sales
2Mb	AM29F002B	44-SOP, 48-TSOP	Contact Macronix Sales
2Mb	AM29F200B	44-SOP, 48-TSOP	MX29F200C
4Mb	AM29F040B	32-PDIP, 32-TSOP	MX29F040C
4Mb	AM29F400B	44-SOP, 48-TSOP	MX29F400C
8Mb	AM29F080B	40-TSOP, 44-SOP	Contact Macronix Sales
8Mb	AM29F800B	44-SOP, 48-TSOP, 48-FBGA	MX29F800C
16Mb	AM29F016D	40-TSOP, 44-SOP, 48-TSOP	Contact Macronix Sales
16Mb	AM29F160D	48-TSOP	Contact Macronix Sales
32Mb	AM29F032B	40-TSOP, 44-SOP	Contact Macronix Sales

3V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
4Mb	AM29LV040B	32-PLCC, 32-TSOP	MX29LV040C
4Mb	S29AL004D	44-SOP, 48-TSOP, 48-FBGA	MX29LV400C
8Mb	S29AL008D	44-SOP, 48-TSOP, 48-FBGA	MX29LV800C
8Mb	S29AL008J	48-FBGA, 48-TSOP, KGD	MX29LV800C
16Mb	AM29LV160D	48-TSOP, 48-TFBGA	MX29LV160D
16Mb	S29AL016D	44-SOP, 48-TSOP, 48-FBGA	MX29LV160D
16Mb	S29AL016J	48-TSOP, 48-FBGA, KGD	MX29LV160D
16Mb	S29CL016J	80-FBGA, 80-PQFP	Contact Macronix Sales
32Mb	S29AL032D	40-TSOP, 48-TSOP, 48-FBGA	MX29LV320E
32Mb	S29CL032J	80-FBGA, 80-PQFP	Contact Macronix Sales
32Mb	S29GL032N	48-TSOP, 48-FBGA, 56-TSOP, 64-FBGA	MX29GL320E
32Mb	S29JL032J	48-TSOP, 48-FBGA	Contact Macronix Sales
32Mb	S29PL032J	48-FBGA, 56-FBGA	Contact Macronix Sales
64Mb	S29GL064N	48-TSOP, 48-FBGA, 56-TSOP, 64-FBGA	MX29GL640E
64Mb	S29GL064S	48-TSOP, 48-FBGA, 56-TSOP, 64-FBGA	MX29GL640E
64Mb	S29JL064J	48-TSOP, 48-FBGA	Contact Macronix Sales
64Mb	S29PL064J	48-FBGA, 56-FBGA	Contact Macronix Sales
128Mb	S29GL128N	56-TSOP, 64-FBGA	MX29GL128F
128Mb	S29GL128P	56-TSOP, 64-FBGA	MX29GL128F
128Mb	S29GL128S	56-TSOP, 64-FBGA, KGD	MX29GL128F
128Mb	S29PL127J	56-TSOP, 64-FBGA, 80-FBGA	Contact Macronix Sales
256Mb	S29GL256N	56-TSOP, 64-FBGA	MX29GL256F
256Mb	S29GL256P	56-TSOP, 64-FBGA	MX29GL256F
256Mb	S29GL256S	56-TSOP, 64-FBGA, KGD	MX29GL256F
512Mb	S29GL512P	56-TSOP, 64-FBGA	MX29GL512G
512Mb	S29GL512S	56-TSOP, 64-FBGA, KGD	MX29GL512G
512Mb	S29GL512T	56-TSOP, 64-FBGA	MX29GL512G
1Gb	S29GL01GP	56-TSOP, 64-FBGA	MX68GL1G0G
1Gb	S29GL01GS	56-TSOP, 64-FBGA, KGD	MX68GL1G0G
1Gb	S29GL01GT	56-TSOP, 64-FBGA	MX68GL1G0G
2Gb	S70GL02GP	64-FBGA	Contact Macronix Sales
2Gb	S70GL02GS	64-FBGA	Contact Macronix Sales
2Gb	S70GL02GT	64-FBGA	Contact Macronix Sales

2.5V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
16Mb	S29CD016J	80-FBGA, 80-PQFP	Contact Macronix Sales
32Mb	S29CD032J	80-FBGA, 80-PQFP	Contact Macronix Sales

1.8V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
8Mb	AM29SL800D	48-TSOP, 48-LFBGA, 48-TFBGA	MX29SL800C
8Mb	S29AS008J	48-TSOP, 48-LFBGA, KGD	MX29SL800C
16Mb	S29AS016J	48-TSOP, 48-LFBGA, 48-TFBGA, KGD	Contact Macronix Sales
64Mb	S29VS064R	44-FBGA	Contact Macronix Sales
64Mb	S29WS064R	84-FBGA	Contact Macronix Sales
64Mb	S29XS064R	44-FBGA	Contact Macronix Sales
64Mb	S71VS064R	52-BGA	Contact Macronix Sales
128Mb	S29VS128R	44-FBGA	MX29VS128F
128Mb	S29WS128P	84-FBGA	MX29VS128F
128Mb	S29XS128R	44-FBGA	Contact Macronix Sales
128Mb	S71VS128R	56-BGA	Contact Macronix Sales
256Mb	S29VS256R	44-FBGA	Contact Macronix Sales
256Mb	S29WS256P	84-FBGA	Contact Macronix Sales
256Mb	S29XS256R	44-FBGA	Contact Macronix Sales
256Mb	S71VS256R	56-BGA	Contact Macronix Sales
512Mb	S29NS512P	64-FBGA	Contact Macronix Sales
512Mb	S29WS512P	84-FBGA	Contact Macronix Sales

5V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
2Mb	M29F200F	44-SOP, 48-TSOP	MX29F200C
4Mb	M29F400F	44-SOP, 48-TSOP	MX29F400C
8Mb	M29F800F	44-SOP, 48-TSOP	MX29F800C
16Mb	M29F160F	48-TSOP	Contact Macronix Sales

3V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Mb	M28F320FC	48-TSOP, 48-FBGA	Contact Macronix Sales
32Mb	M28W320F	47-TFBGA, 48-TSOP	Contact Macronix Sales
32Mb	M29DW323D	48-TSOP, 48-TFBGA	Contact Macronix Sales
32Mb	M29W320D	48-TSOP, 48-TFBGA	MX29LV320E
32Mb	M29W320E	48-TSOP, 48-TFBGA	MX29LV320E
32Mb	M58BW32F	80-LBGA, 80-PQFP	Contact Macronix Sales
32Mb	PC28F320J3	64-Easy BGA	Contact Macronix Sales
32Mb	PZ28F032M29EW	48-BGA	MX29GL320E
64Mb	JR28F064M29EW	48-TSOP	MX29GL640E
64Mb	JS28F064M29EW	56-TSOP	MX29GL640E
64Mb	JS28F640J3	56-TSOP	Contact Macronix Sales

3V Parallel NOR Flash

Cypress

Micron

Winbond

Density	Part Number	Packages	Recommended Macronix Part No.
64Mb	M28F640FC	48-TSOP, 48-FBGA	Contact Macronix Sales
64Mb	M28F640HC	48-TSOP, 48-FBGA	Contact Macronix Sales
64Mb	M28W640H	48-TSOP, 48-TFBGA	Contact Macronix Sales
64Mb	M29W640F	48-TSOP, 48-TFBGA	MX29LV640E
64Mb	M29W640G	48-TSOP, 48-TFBGA, 56-TSOP, 64-FBGA, 64-TBGA	MX29GL640E
64Mb	PC28F064M29EW	64-FBGA	MX29GL640E
64Mb	PC28F640J3	64-Easy BGA	Contact Macronix Sales
64Mb	PZ28F064M29EW	48-BGA	MX29GL640E
128Mb	JS28F128J3	56-TSOP	Contact Macronix Sales
128Mb	JS28F128M29EW	56-TSOP	MX29GL128F
128Mb	M29DW127G	56-TSOP	Contact Macronix Sales
128Mb	M29DW128G	56-TSOP, 64-TBGA	Contact Macronix Sales
128Mb	M29W128G	56-TSOP, 64-FBGA, 64-TBGA	MX29GL128F
128Mb	MT28EW128A	56-TSOP, 56-VFBGA, 64-LBGA	MX29GL128F
128Mb	PC28F128J3	64-Easy BGA	Contact Macronix Sales
128Mb	PC28F128M29EW	64-FBGA	MX29GL128F
128Mb	RC28F128M29EW	64-FBGA	MX29GL128F
256Mb	JS28F256J3	56-TSOP	Contact Macronix Sales
256Mb	JS28F256M29EW	56-TSOP	MX29GL256F
256Mb	M29W256G	56-TSOP, 64-FBGA, 64-TBGA	MX29GL256F
256Mb	MT28EW256A	56-TSOP, 56-VFBGA, 64-LBGA	MX29GL256F
256Mb	PC28F256J3	64-Easy BGA	Contact Macronix Sales
256Mb	PC28F256M29EW	64-FBGA	MX29GL256F
256Mb	RC28F256J3	64-Easy BGA	Contact Macronix Sales
256Mb	RC28F256M29EW	64-FBGA	MX29GL256F
512Mb	JS28F512M29EW	56-TSOP	MX29GL512G
512Mb	M29W512G	56-TSOP	MX29GL512G
512Mb	MT28EW512A	56-TSOP, 56-VFBGA, 64-LBGA	MX29GL512G
512Mb	MT28FW512A	56-TSOP, 56-VFBGA, 64-LBGA	MX29GL512G
512Mb	PC28F512M29EW	64-FBGA	MX29GL512G
512Mb	RC28F512M29EW	64-FBGA	MX29GL512G
1Gb	JS28F00AM29EW	56-TSOP	MX68GL1G0F
1Gb	MT28EW01GA	56-TSOP, 64-LBGA	MX68GL1G0F
1Gb	MT28FW01GA	56-TSOP, 64-LBGA	MX68GL1G0F
1Gb	PC28F00AM29EW	64-FBGA	MX68GL1G0F
1Gb	RC28F00AM29EW	64-FBGA	MX68GL1G0F
2Gb	PC28F00BM29EW	64-FBGA	Contact Macronix Sales

2.5V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
64Mb	JS28F640P33	56-TSOP	Contact Macronix Sales
64Mb	PC28F640P33	64-Easy BGA	Contact Macronix Sales
128Mb	JS28F128P33	56-TSOP	Contact Macronix Sales
128Mb	PC28F128P33	64-Easy BGA	Contact Macronix Sales
512Mb	JS28F512P33	56-TSOP	Contact Macronix Sales
512Mb	PC28F512P33	64-Easy BGA	Contact Macronix Sales
512Mb	PC48F4400P0	64-Easy BGA	Contact Macronix Sales
1Gb	JS28F00AP33	56-TSOP	Contact Macronix Sales
1Gb	PC28F00AP33	64-Easy BGA	Contact Macronix Sales

1.8V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Mb	M58WR032K	44-VFBGA, 56-VFBGA, 56-WFBGA	Contact Macronix Sales
64Mb	JS28F640P30	56-TSOP	Contact Macronix Sales
64Mb	M58WR064K	44-VFBGA, 56-VFBGA	Contact Macronix Sales
64Mb	PC28F640P30	64-Easy BGA	Contact Macronix Sales
128Mb	JS28F128P30	56-TSOP	Contact Macronix Sales
128Mb	PC28F128G18	64-Easy BGA	Contact Macronix Sales
128Mb	PC28F128P30	64-Easy BGA	Contact Macronix Sales
256Mb	JS28F256P30	56-TSOP	Contact Macronix Sales
256Mb	MT28GU256A	64-TBGA	Contact Macronix Sales
256Mb	PC28F256G18	64-Easy BGA	Contact Macronix Sales
512Mb	JS28F512P30	56-TSOP	Contact Macronix Sales
512Mb	MT28GU512A	64-TBGA	Contact Macronix Sales
512Mb	PC28F512G18	64-Easy BGA	Contact Macronix Sales
512Mb	PC28F512P30	64-Easy BGA	Contact Macronix Sales
1Gb	JS28F00AP30	56-TSOP	Contact Macronix Sales
1Gb	MT28GU01GA	64-TBGA	Contact Macronix Sales
1Gb	PC28F00AG18	64-Easy BGA	Contact Macronix Sales
1Gb	PC28F00AP30	64-Easy BGA	Contact Macronix Sales

3V Parallel NOR Flash

Density	Part Number	Packages	Recommended Macronix Part No.
32Mb	W29GL032C	48-TSOP, 48-TFBGA, 56-TSOP, 64-LFBGA	MX29GL320E
64Mb	W29GL064C	48-TSOP, 48-TFBGA, 56-TSOP, 64-LFBGA	MX29GL640E
128Mb	W29GL128C	56-TSOP, 64-LFBGA	MX29GL128F
128Mb	W29GL128S	56-TSOP, 56-TFBGA, 64-LFBGA	MX29GL128F
256Mb	W29GL256P	56-TSOP, 64-LFBGA	MX29GL256F
256Mb	W29GL256S	56-TSOP, 56-TFBGA, 64-LFBGA	MX29GL256F
512Mb	W29GL512P	56-TSOP, 64-LFBGA	MX29GL512G
512Mb	W29GL512S	56-TSOP, 56-TFBGA, 64-LFBGA	MX29GL512G

Macronix NAND Flash

MX 30 L F 1G 08 A A - XK I x

TYPE :

30 : SLC NAND Flash
 60 : SLC NAND Flash (stacked die)
 35 : SLC Serial NAND Flash

VOLTAGE :

L : 2.7V-3.6V
 U : 1.7V-1.95V

CLASSIFICATION :

F: SLC+Large Block

DENSITY :

12 : 512Mb
 1G : 1Gb
 2G : 2Gb
 4G : 4Gb
 8G : 8Gb

ECC :

0 : 1bit (2bit in Automotive Grade)
 1 : 4bit
 2 : 8bit
 E : ECC-free

Bus Width :

4 : x4
 8 : x8
 6 : x16

RESERVED

OPERATING TEMPERATURE :

I : Industrial (-40°C to 85°C)
 J : Industrial (-40°C to 105°C)
 S : Automotive Grade 3 (-40°C to 85°C)
 R : Automotive Grade 2 (-40°C to 105°C)

PACKAGE TYPE :

M : 16-SOP (300mil)
 T : 48-TSOP (12x20mm)
 XK : 63-VFBGA (9x11mm)
 XQ : 48-VFBGA (6x8mm)
 Z2/Z4 : 8-WSON (8x6mm)

GENERATION

MODE :

A : Die#, CE#:1, R/B#:1
 S : Die#, CE#:1, R/B#:1;
 Security feature supported

3V SLC NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	S34ML01G1	48-TSOP, 63-BGA	MX30LF1G28AD
1Gb	S34ML01G2	48-TSOP, 63-BGA, 67-BGA	MX30LF1G28AD
1Gb	S34SL01G2	63-BGA	MX30LF1G18SC
2Gb	S34ML02G1	48-TSOP, 63-BGA	MX30LF2G28AD
2Gb	S34ML02G2	48-TSOP, 63-BGA	MX30LF2G28AD
2Gb	S34SL02G2	63-BGA	MX30LF2G18SC
4Gb	S34ML04G1	48-TSOP, 63-BGA	MX30LF4G28AD
4Gb	S34ML04G2	48-TSOP, 63-BGA	MX30LF4G28AD
4Gb	S34SL04G2	63-BGA	MX30LF4G18SC
8Gb	S34ML08G1	48-TSOP, 63-BGA	MX60LF8G18AC
8Gb	S34ML08G2	48-TSOP, 63-BGA	MX60LF8G18AC

1.8V SLC NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	S34MS01G1	63-BGA	MX30UF1G16AC, MX30UF1G18AC
1Gb	S34MS01G2	48-TSOP, 63-BGA, 67-BGA	MX30UF1G16AC, MX30UF1G18AC
2Gb	S34MS02G1	48-TSOP, 63-BGA	MX30UF2G16AC, MX30UF2G18AC
2Gb	S34MS02G2	48-TSOP, 63-BGA	MX30UF2G16AC, MX30UF2G18AC
4Gb	S34MS04G1	48-TSOP, 63-BGA	MX30UF4G16AC, MX30UF4G18AC
4Gb	S34MS04G2	48-TSOP, 63-BGA	MX30UF4G16AC, MX30UF4G18AC
8Gb	S34MS08G2	63-BGA	MX60UF8G18AC

3V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Cypress	512Mb	H27U518S2C	TSOP	MX30LF1208AA
Hynix	1Gb	H27U1G8F2B	TSOP, FBGA	MX30LF1G28AD
	1Gb	H27U1G8F2C	TSOP, FBGA	MX30LF1G28AD
Micron	2Gb	H27U2G8F2C	TSOP, FBGA	MX30LF2G28AD
	2Gb	H27U2G8F2D	TSOP, FBGA	MX30LF2G28AD
Samsung	4Gb	H27U4G8F2D	TSOP, FBGA	MX30LF4G28AD
	4Gb	H27U4G8F2E	TSOP, FBGA	MX30LF4G28AD
	4Gb	H27U4G8F2F	TSOP	MX30LF4G28AD
Kioxia	4Gb	H27U4G8F2G	TSOP, FBGA	MX30LF4G28AD
	4Gb	H27U4G0F2G	TSOP, FBGA	Contact Macronix Sales
Winbond	8Gb	H27U8G8G5G	TSOP	MX60LF8G18AC

1.8V SLC NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	H27S1G8F2B	TSOP, FBGA	MX30UF1G18AC
1Gb	H27S1G8F2C	TSOP, FBGA	MX30UF1G18AC
2Gb	H27S2G8F2C	TSOP, FBGA	MX30UF2G18AC
2Gb	H27S2G8F2D	TSOP, FBGA	MX30UF2G18AC
4Gb	H27S4G8F2F	TSOP	MX30UF4G18AC
4Gb	H27S4G8F2E	TSOP, FBGA	MX30UF4G18AC

3V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Cypress	128Mb	NAND128W3A0B	48-TSOP	Contact Macronix Sales
Hynix	128Mb	NAND128W3A2B	48-TSOP	Contact Macronix Sales
	128Mb	NAND128W3AAB	48-TSOP	Contact Macronix Sales
Micron	256Mb	NAND256W3A0B	48-TSOP	Contact Macronix Sales
	256Mb	NAND256W3A2B	48-TSOP, 48-VFBGA, 48-WFBGA, 55-VFBGA	Contact Macronix Sales
	512Mb	NAND512W3A2S	48-TSOP, 63-VFBGA	MX30LF1208AA
Samsung	1Gb	MT29F1G08ABADA	48-TSOP, 63-VFBGA	MX30LF1G28AD
	1Gb	MT29F1G08ABAEA	48-TSOP, 63-VFBGA, KGD	MX30LF1G28AD
	1Gb	MT29F1G08ABAF A	48-TSOP, 63-VFBGA, KGD	MX30LF1G28AD
Kioxia	2Gb	MT29F2G08ABAEA	48-TSOP, 63-VFBGA	MX30LF2G28AD
	2Gb	MT29F2G08ABAF A	48-TSOP, 63-VFBGA	MX30LF2G28AD
Winbond	2Gb	MT29F2G08ABAGA	48-TSOP, 63-VFBGA, KGD	MX30LF2G28AD
	4Gb	MT29F4G08ABADA	48-TSOP, 63-VFBGA, KGD	MX30LF4G28AD
	4Gb	MT29F4G08ABAEA	48-TSOP, 63-VFBGA	MX30LF4G28AD
	8Gb	MT29F8G08ABABA	48-TSOP, KGD	MX60LF8G18AC
	8Gb	MT29F8G08ABACA	48-TSOP, 63-VFBGA, KGD	MX60LF8G18AC
	8Gb	MT29F8G08ADADA	63-VFBGA	MX60LF8G18AC
	8Gb	MT29F8G08ADAF A	48-TSOP, 63-VFBGA	MX60LF8G18AC

1.8V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Cypress	512Mb	NAND512R3A2S	63-VFBGA	Contact Macronix Sales
Hynix	1Gb	MT29F1G08ABBDA	63-VFBGA	MX30UF1G18AC
	1Gb	MT29F1G08ABBEA	63-VFBGA, 130-VFBGA, KGD	MX30UF1G18AC
Micron	1Gb	MT29F1G08ABBFA	63-VFBGA	MX30UF1G18AC
	1Gb	MT29F1G08ABBHC	63-VFBGA	MX30UF1G18AC
	1Gb	MT29F1G16ABBDA	63-VFBGA	MX30UF1G16AC
	1Gb	MT29F1G16ABBEA	63-VFBGA	MX30UF1G16AC
Samsung	1Gb	MT29F1G16ABBFA	63-VFBGA	MX30UF1G16AC
	2Gb	MT29F2G08ABBEA	63-VFBGA	MX30UF2G18AC
Kioxia	2Gb	MT29F2G08ABBFA	63-VFBGA	MX30UF2G18AC
	2Gb	MT29F2G08ABBGA	63-VFBGA	MX30UF2G18AC
Winbond	2Gb	MT29F2G16ABBEA	63-VFBGA, KGD	MX30UF2G16AC
	2Gb	MT29F2G16ABBFA	63-VFBGA	MX30UF2G16AC
	2Gb	MT29F2G16ABBGA	63-VFBGA	MX30UF2G16AC
	4Gb	MT29F4G08ABBDA	63-VFBGA, KGD	MX30UF4G18AC
	4Gb	MT29F4G08ABBEA	63-VFBGA	MX30UF4G18AC
	4Gb	MT29F4G08ABBFA	63-VFBGA, KGD	MX30UF4G18AC
	4Gb	MT29F4G16ABBDA	63-VFBGA	MX30UF4G16AC
	4Gb	MT29F4G16ABBEA	63-VFBGA	MX30UF4G16AC
	4Gb	MT29F4G16ABBFA	63-VFBGA	MX30UF4G16AC
	8Gb	MT29F8G08ABBCA	63-VFBGA	MX60UF8G18AC
	8Gb	MT29F8G08ADBDA	63-VFBGA	MX60UF8G18AC
	8Gb	MT29F8G08ADBFA	63-VFBGA	MX60UF8G18AC

3V Serial NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	MT29F1G01AAADD	63-VFBGA	MX35LF1GE4AB
1Gb	MT29F1G01ABAFD	8-USON, 16-SOP, 24-BGA	MX35LF1GE4AB
2Gb	MT29F2G01AAED	63-VFBGA	MX35LF2GE4AB
2Gb	MT29F2G01ABAGD	8-USON, 16-SOP, 24-BGA, KGD	MX35LF2GE4AB
4Gb	MT29F4G01AAADD	63-VFBGA	MX35LF4G24AD
4Gb	MT29F4G01ABAFD	24-BGA	MX35LF4G24AD

1.8V Serial NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	MT29F1G01ABBFD	8-USON, 16-SOP, 24-BGA	MX35UF1G14AC
2Gb	MT29F2G01ABBGD	8-USON, 16-SOP, 24-BGA	MX35UF2G14AC

3V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Cypress	1Gb	K9F1G08U0D	TSOP, FBGA	MX30LF1G28AD
Hynix	1Gb	K9F1G08U0E	TSOP, FBGA	MX30LF1G28AD
Micron	1Gb	K9F1G08U0F	TSOP, FBGA	MX30LF1GE8AB
Samsung	2Gb	K9F2G08U0C	TSOP, FBGA	MX30LF2G28AD
Kioxia				
Winbond				

3V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
Cypress	2Gb	K9F2G08U0D	TSOP, FBGA	MX30LF2GE8AB
Hynix	4Gb	K9F4G08U0D	TSOP	MX30LF4G28AD
	4Gb	K9F4G08U0F	TSOP	MX30LF4GE8AB
Micron	4Gb	K9F4G08U0E	TSOP	MX30LF4G28AD
	8Gb	K9K8G08U0D	TSOP	MX60LF8G18AC
Samsung	8Gb	K9K8G08U0E	TSOP	MX60LF8G18AC
	512Mb	TC58NVM9S3E	48-TSOP, 63-BGA, 67-BGA	MX30LF1208AA
Kioxia	1Gb	TC58BVG0S3H	48-TSOP, 63-FBGA, 67-FBGA	MX30LF1GE8AB
	1Gb	TC58DVG02D5	48-TSOP, 63-BGA, 67-BGA	Contact Macronix Sales
	1Gb	TC58NVG0S3H	48-TSOP, 63-FBGA, 67-FBGA	Contact Macronix Sales
	2Gb	TC58BVG1S3H	48-TSOP, 63-FBGA, 67-FBGA	MX30LF2GE8AB
	2Gb	TC58NVG1S3E	48-TSOP, 63-BGA	MX30LF2G28AD
	2Gb	TC58NVG1S3H	48-TSOP, 63-FBGA, 67-FBGA	Contact Macronix Sales
	4Gb	TC58BVG2S0F	48-TSOP, 63-BGA	MX30LF4G28AD
	4Gb	TC58BVG2S0H	48-TSOP, 63-FBGA, 67-FBGA	MX30LF4GE8AB
	4Gb	TC58NVG2S0F	48-TSOP, 63-BGA	MX30LF4G28AD
	4Gb	TC58NVG2S0H	48-TSOP, 63-FBGA, 67-FBGA	Contact Macronix Sales
Winbond	4Gb	TC58NVG2S3E	48-TSOP, 63-BGA	MX30LF4G28AD
	8G(4Gbx2)	TH58NVG3S0H	48-TSOP, 63-FBGA, 67-FBGA	Contact Macronix Sales

1.8V SLC NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
	1Gb	TC58NYG0S3H	63-FBGA, 67-FBGA	Contact Macronix Sales
	2Gb	TC58BYG1S3H	63-FBGA, 67-FBGA	MX30UF2GE8AB
	2Gb	TC58NYG1S3E	63-BGA	MX30UF2G18AC
	2Gb	TC58NYG1S3H	63-FBGA, 67-FBGA	Contact Macronix Sales
	4Gb	TC58BYG2S0F	63-BGA	Contact Macronix Sales
	4Gb	TC58BYG2S0H	63-FBGA, 67-FBGA	MX30UF4GE8AB
	4Gb	TC58NYG2S0F	63-BGA	MX30UF4G18AC, MX30UF4G28AC
	4Gb	TC58NYG2S0H	63-FBGA, 67-FBGA	Contact Macronix Sales
	4Gb	TC58NYG2S3E	63-BGA	MX30UF4G18AC, MX30UF4G28AC

3V Serial NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
	1Gb	TC58CVG0S3H	8-WSON, 16-SOP	MX35LF1GE4AB
	2Gb	TC58CVG1S3H	8-WSON, 16-SOP	MX35LF2GE4AB
	4Gb	TC58CVG2S0H	8-WSON	MX35LF4G24AD

1.8V Serial NAND Flash

	Density	Part Number	Packages	Recommended Macronix Part No.
	1Gb	TC58CYG0S3H	8-WSON	MX35UF1G14AC
	2Gb	TC58CYG1S3H	8-WSON	MX35UF2G14AC

3V SLC NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	W29N01GV	48-TSOP, 48-BGA	MX30LF1G28AD
1Gb	W29N01HV	48-TSOP, 48-BGA	MX30LF1G28AD
2Gb	W29N02GV	48-TSOP, 63-BGA	MX30LF2G28AD
4Gb	W29N04GV	48-TSOP, 63-BGA	MX30LF4G28AD
4Gb	W29N02KV	48-BGA, 48-TSOP, 63-BGA	MX30LF2G28AD
4Gb	W29N04KV	48-TSOP, 63-BGA	MX30LF4G28AD
8Gb	W29N08GV	48-TSOP, 63-BGA	MX60LF8G18AC

1.8V SLC NAND Flash

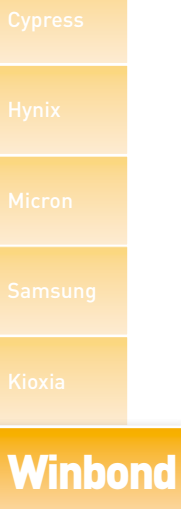
Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	W29N01GW	48-BGA	MX30UF1G18AC
1Gb	W29N01GZ	48-BGA	MX30UF1G18AC
1Gb	W29N01HW	48-TSOP, 48-BGA, 63-BGA	MX30UF1G16AC
1Gb	W29N01HZ	48-TSOP, 48-BGA, 63-BGA	MX30UF1G18AC
2Gb	W29N02GW	48-TSOP, 63-BGA	MX30UF2G18AC
2Gb	W29N02GZ	48-TSOP, 63-BGA	MX30UF2G18AC
4Gb	W29N04GW	48-TSOP, 63-BGA	MX30UF4G16AC
4Gb	W29N04GZ	48-TSOP, 63-BGA	MX30UF4G18AC
8Gb	W29N08GZ	48-TSOP, 63-BGA	MX60UF8G18AC

3V Serial NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	W25N01GV	8-WSON, 16-SOP, 24-TFBGA	MX35LF1GE4AB
2Gb	W25M02GV	8-WSON, 24-TFBGA	MX35LF2GE4AB
2Gb	W25N02GV	8-WSON, 24-TFBGA	MX35LF2GE4AB
4Gb	W25N04KV	8-WSON, 24-TFBGA	MX35LF4G24AD

1.8V Serial NAND Flash

Density	Part Number	Packages	Recommended Macronix Part No.
1Gb	W25N01GW	8-WSON, 16-SOP, 24-TFBGA	MX35UF1G14AC
1Gb	W25N01JW	8-WSON, 16-SOP, 24-BGA	MX35UF1G14AC
2Gb	W25M02GW	8-WSON, 16-SOP	MX35UF2G14AC
2Gb	W25N02JW	8-WSON, 16-SOP, 24-BGA	MX35UF2G14AC
2Gb	W25N02KV	8-WSON, 24-BGA	MX35LF2G14AC
2Gb	W72N02JW	16-SOP, 24-BGA	MX35UF2G14AC



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