



Dediprogram Tech Co., Ltd.
 Tel: +886 2 2790 7932
 Fax: +886 2 2790 7916
 www.dediprogram.com

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Race100 Gang Programmer Device Support List

Model: Race100-S20, Race100-S8, Race100-S4

for Config version: 1.5

Mfr.	Device	Supported Packages	Type	Density	Prog Time*	Verify Time*
Numonyx(STM)						
	M25P05A	All	SPI Flash	512Kb	0.4s	0.1s
	M25P10A	All	SPI Flash	1Mb	0.8s	0.1s
	M25PE10	All	SPI Flash	1Mb	0.73s	0.13s
	M25P20	All	SPI Flash	2Mb		
	M25PE20	All	SPI Flash	2Mb	1.37s	0.18s
	M25P40	All	SPI Flash	4Mb	2.95s	0.28s
	M25PE40	All	SPI Flash	5Mb		
	M25P80	All	SPI Flash	8Mb	5s	0.5s
	M25P80(Legacy)	All	SPI Flash	8Mb		
	M25PE80	All	SPI Flash	8Mb	5.8s	0.5s
	M25PX80	All	SPI Flash	8Mb	3.38	0.49
	M25X80	All	SPI Flash	8Mb		
	M25P16	All	SPI Flash	16Mb	10.5s	1s
	M25PE16	All	SPI Flash	16Mb	8.03	0.92
	M25PX16	All	SPI Flash	16Mb		
	M25X16	All	SPI Flash	16Mb		
	M25P32	All	SPI Flash	32Mb	13.7s	1.8s
	M25PX32	All	SPI Flash	32Mb		
	M25X32	All	SPI Flash	32Mb		
	M25P64	All	SPI Flash	64Mb	17s	3.5s
	M25P64S	All	SPI Flash	64Mb		
	M25PX64	All	SPI Flash	64Mb		
	M25P128	All	SPI Flash	128Mb	73.7s	6.8s
	STM45PE80	All	SPI Flash	8Mb		
	STM45PE16	All	SPI Flash	16Mb		
Numonyx(ALTERA)						
	EPCS1S	All	SPI Flash	1Mb		
	EPCS4S	All	SPI Flash	4Mb		
	EPCS16S	All	SPI Flash	16Mb	6s	1s
	EPCS64S	All	SPI Flash	64Mb	12s	3s
	EPCS128S	All	SPI Flash	128Mb	69s	6.8s
Macronix						
	MX25L512	All	SPI Flash	512Kb		
	MX25V512	All	SPI Flash	512Kb		
	MX25L1005	All	SPI Flash	1Mb	0.5s	0.3s
	MX25L1025	All	SPI Flash	1Mb		
	MX25L2005	All	SPI Flash	2Mb	1s	0.2s
	MX25L4005	All	SPI Flash	4Mb	1.85s	0.3s
	MX25L4005A	All	SPI Flash	4Mb		
	MX25U4035	All	SPI Flash	4Mb		

	MX25V4005	All	SPI Flash	4Mb		
	MX25V4035	All	SPI Flash	4Mb		
	MX25L8005	All	SPI Flash	8Mb	3.65s	0.5s
	MX25U8035	All	SPI Flash	8Mb		
	MX25V8005	All	SPI Flash	8Mb		
	MX25V8035	All	SPI Flash	8Mb		
	MX25L1605	All	SPI Flash	16Mb		
	MX25L1605A	All	SPI Flash	16Mb	6.76s	0.91s
	MX25L1605D	All	SPI Flash	16Mb	6.5s	1s
	MX25L1635D	All	SPI Flash	16Mb	7.39s	0.91s
	MX25L3205	All	SPI Flash	32Mb		
	MX25L3205A	All	SPI Flash	32Mb	33.23s	1.75s
	MX25L3205D	All	SPI Flash	32Mb	13.5s	1.8s
	MX25L3225D	All	SPI Flash	32Mb		
	MX25L3235D	All	SPI Flash	32Mb		
	MX25L3237D	All	SPI Flash	32Mb	14.44s	1.75s
	MX25L6405	All	SPI Flash	64Mb	23.52s	3.43s
	MX25L6405D	All	SPI Flash	64Mb	24s	3.4s
	MX25L6445E	All	SPI Flash	64Mb		
	MX25L12805D	All	SPI Flash	128Mb	50.86s	6.81s
	MX25L12845E	All	SPI Flash	128Mb	49.38s	6.81s
	MX25L12855E	All	SPI Flash	128Mb		
	MX25L4025C	All	SPI Flash	4Mb		
	MX25L2025C	All	SPI Flash	2Mb		
	MX25L2026C	All	SPI Flash	2Mb		
	MX25U1635	All	SPI Flash	16Mb		
	MX25U3235	All	SPI Flash	32Mb		
	MX25L6436E	All	SPI Flash	64Mb		
	MX25L12836E	All	SPI Flash	128Mb		
	MX25L3255	All	SPI Flash	32Mb		
Macronix (KH)						
	KH25L1605D	All	SPI Flash	16Mb	6.5s	1s
	KH25L3205D	All	SPI Flash	32Mb	13.5s	1.8s
	KH25L6405D	All	SPI Flash	64Mb	24s	3.4s
SST						
	25VF512	All	SPI Flash	512Kb		
	25VF512A	All	SPI Flash	512Kb	1.06s	0.10s
	25WF512	All	SPI Flash	512Kb		
	25VF010	All	SPI Flash	1Mb		
	25VF010A	All	SPI Flash	1Mb	2.10s	0.13s
	25WF010	All	SPI Flash	1Mb		
	25VF020	All	SPI Flash	2Mb		
	25LF020A	All	SPI Flash	2Mb	4.51s	0.18s
	25WF020	All	SPI Flash	2Mb		
	25VF040	All	SPI Flash	4Mb		
	25LF040A	All	SPI Flash	4Mb		
	25VF040B	All	SPI Flash	4Mb	3.12s	0.28s
	25WF040	All	SPI Flash	4Mb		
	25VF080B	All	SPI Flash	8Mb	6.86s	0.49s
	25VF016B	All	SPI Flash	16Mb	12.41s	1
	25VF032B	All	SPI Flash	32Mb	27.s	1.8s
Spansion						
	S25FL004A	All	SPI Flash	4Mb	2.3s	0.3s

	S25FL040A	All	SPI Flash	4Mb		
	S25FL008A	All	SPI Flash	8Mb	4.5s	0.5s
	S25FL016A	All	SPI Flash	16Mb	8.5s	1s
	S25FL032A	All	SPI Flash	32Mb	17.2s	1.9s
	S25FL032P	All	SPI Flash	32Mb		
	S25FL064A	All	SPI Flash	64Mb	33.9s	3.4s
	S25FL128P	All	SPI Flash	128Mb	68s	6.8s
	S25FL129P	All	SPI Flash	128Mb		
	S25FL064P	All	SPI Flash	64Mb		
SANYO						
	LE25FW203A	All	SPI Flash	2M		
	LE25FW403A	All	SPI Flash	4M		
	LE25FW806	All	SPI Flash	8M		
Winbond						
	W25P10	All	SPI Flash	1Mb	0.84s	0.13s
	W25X10	All	SPI Flash	1Mb	0.58s	0.13s
	W25P20	All	SPI Flash	2Mb	1.18s	0.18s
	W25X20	All	SPI Flash	2Mb	1.2s	0.2s
	W25P40	All	SPI Flash	4Mb	3.48s	0.28s
	W25X40	All	SPI Flash	4Mb	2.3s	0.3s
	W25P80	All	SPI Flash	8Mb		
	W25X80	All	SPI Flash	8Mb	7.8s	0.5s
	W25Q80	All	SPI Flash	8Mb	3.09s	0.49s
	W25P16	All	SPI Flash	16Mb	22.27s	0.91s
	W25X16	All	SPI Flash	16Mb	15.5s	1s
	W25Q16	All	SPI Flash	16Mb	8.65s	0.91s
	W25X32	All	SPI Flash	32Mb	17.9s	1.8s
	W25Q32	All	SPI Flash	32Mb	14.30s	1.75s
	W25X64	All	SPI Flash	64Mb	28.6s	3.4s
	W25Q64	All	SPI Flash	64Mb	24.46s	3.43s
	W25Q128BV	All	SPI Flash	128Mb		
AMIC						
	A25L512	All	SPI Flash	512K		
	A25L010	All	SPI Flash	1M	0.36s	0.18s
	A25L020	All	SPI Flash	2M	0.74s	0.18s
	A25L040	All	SPI Flash	4M		
	A25L080	All	SPI Flash	8M	4.72s	0.49s
	A25L016	All	SPI Flash	16M	6.03s	0.91s
	A25L032	All	SPI Flash	32M		
ATMEL						
	AT25F512B	All	SPI Flash	512K		
	AT25FS010	All	SPI Flash	1M	1.11s	0.13s
	AT25DF021	All	SPI Flash	2M	1.10s	0.18s
	AT25DF041A	All	SPI Flash	4M	2.21s	0.28s
	AT26F004	All	SPI Flash	4M	7.71s	0.28s
	AT25DF081	All	SPI Flash	8M		
	AT26DF081A	All	SPI Flash	8M	8.62s	0.49s
	AT25DF161	All	SPI Flash	16M	8.10s	0.91s
	AT26DF161A	All	SPI Flash	16M		
	AT26DF161	All	SPI Flash	16M	12.37s	0.91s
	AT25DF321	All	SPI Flash	32M	24.66s	1.75s
	AT25DF321A	All	SPI Flash	32M		

	AT26DF321	All	SPI Flash	32M	24.66s	1.75s
	AT25DF641	All	SPI Flash	64M	32.72s	3.43s
	AT26DF641	All	SPI Flash	64M		
	AT25F512A	All	SPI Flash	512K		
	AT45DB081D_264	All	SPI Flash	8M		
	AT45DB161D_512	All	SPI Flash	16M		
	AT45DB161D_528	All	SPI Flash	16M		
	AT45DB321D_528	All	SPI Flash	32M		
	AT45DB642D_1024	All	SPI Flash	64M		
	AT45DB642D_1056	All	SPI Flash	64M		
cFeon/EON						
	EN25F05	All	SPI Flash	512K	0.40s	0.10s
	EN25LF05	All	SPI Flash	512K	0.32s	0.18s
	EN25P05	All	SPI Flash	512K	0.40s	0.10s
	EN25F10	All	SPI Flash	1M	0.66s	0.13s
	EN25LF10	All	SPI Flash	1M		
	EN25P10	All	SPI Flash	1M		
	EN25F20	All	SPI Flash	2M	1.24s	0.18s
	EN25LF20	All	SPI Flash	2M	1.31s	0.18s
	EN25F40	All	SPI Flash	4M	2.57s	0.28s
	EN25B40	All	SPI Flash	4M	5.55s	0.28s
	EN25B40T	All	SPI Flash	4M	5.54s	0.28s
	EN25LF40	All	SPI Flash	4M		
	EN25B80	All	SPI Flash	8M	6.26s	0.49s
	EN25B80T	All	SPI Flash	8M		
	EN25F80	All	SPI Flash	8M	6.53s	0.49s
	EN25B16	All	SPI Flash	16M	12.34s	0.91s
	EN25B16T	All	SPI Flash	16M	12.59s	0.91s
	EN25F16	All	SPI Flash	16M		
	EN25D16	All	SPI Flash	16M	9.48s	0.91s
	EN25P32	All	SPI Flash	32M	20.44s	1.75s
	EN25B32	All	SPI Flash	32M	20.58s	1.75s
	EN25B32T	All	SPI Flash	32M		
	EN25F32	All	SPI Flash	32M	19.21s	1.75s
	EN25P64	All	SPI Flash	64M	41.24s	3.43s
	EN25B64	All	SPI Flash	64M	41.49s	3.43s
	EN25B64T	All	SPI Flash	64M		
	EN25Q40	All	SPI Flash	4M		
	EN25Q64	All	SPI Flash	64M		
	EN25Q16	All	SPI Flash	16M		
	EN25Q32	All	SPI Flash	32M		
	EN25S10	All	SPI Flash	1M		
Chingis						
	Pm25LV512A	All	SPI Flash	512K		
	Pm25LV010A	All	SPI Flash	1M		
	Pm25LV020	All	SPI Flash	2M	2.25s	0.18s
	Pm25LV040	All	SPI Flash	4M	5.64s	0.28s
	Pm25LV080B	All	SPI Flash	8M		
	Pm25LV016B	All	SPI Flash	16M		
	Pm25LD040	All	SPI Flash	4M		
	Pm25W020	All	SPI Flash	2M		
ESMT						

	F25L004A	All	SPI Flash	4M	5.68s	0.28s
	F25L004A(T)	All	SPI Flash	4M		
	F25L004A(B)	All	SPI Flash	4M		
	F25L04UA	All	SPI Flash	4M		
	F25L008A	All	SPI Flash	8M	11.96s	0.49s
	F25L08PA	All	SPI Flash	8M		
	F25L016A	All	SPI Flash	16M	16.27s	0.91s
	F25L16PA	All	SPI Flash	16M		
	F25L32PA	All	SPI Flash	32M		
	F25L32QA	All	SPI Flash	32M		
GigaDevice						
	GD25D40	All	SPI Flash	4M	3.34s	0.28s
	GD25F40	All	SPI Flash	4M	3.11s	0.28s
	GD25D80	All	SPI Flash	8M	6.56s	0.49s
	GD25F80	All	SPI Flash	8M	6.07s	0.49s
	GD25T80	All	SPI Flash	8M	6.42s	0.49s
	GD25Q80	All	SPI Flash	8M		
	GD25Q16	All	SPI Flash	16M		
TSI						
	TS25L10P	All	SPI Flash	1M		
	TS25L20P	All	SPI Flash	2M		
	TS25L010A	All	SPI Flash	1M		
	TS25L020A	All	SPI Flash	2M		
	TS25L40P	All	SPI Flash	4M		
	TS25L80P	All	SPI Flash	8M	10.22s	0.49s
	TS25L16P	All	SPI Flash	16M		
	TS25L16AP	All	SPI Flash	16M		
NOTE: * Times listed are for quantity 20 devices for Race100-S20 or 8 devices with Race100-S8 or 4 devices with Race100-S4 . Full address range of device programmed with random pattern. Programming times of Race100 product will vary based on device characteristics.						