

## New Devices for this release:

### New Devices for Programmable Logic

Altera	EPM7256AE-FC100	EPM7256AE-FC256	EPM7256AE-TC100	EPM7256AE-TC144
	EPM9320-LC 84	EPM9320-RC208	EPM9320A-LC 84	EPM9320A-RC208
	EPM9400-LC 84	EPM9400-RC208	EPM9400-RC240	EPM9480-RC208
	EPM9480-RC240			
Lattice	iM4A3-64 48 48TQ	iM4A3-64/32 44LC	iM4A3-64/32 44TQ	iM4A5-64 48 48TQ
	iM4A5-64/32 44LC	iM4A5-64/32 44TQ	ispLSI2032A-PLCC	ispLSI2032A-TQFP
	ispLSI2032E - 44T	ispLSI2064A-LC44	ispLSI2064A-LC84	ispLSI2064A-TQ100
	ispLSI2064A-TQ44	ispLSI2064VE-100T	ispPAC10- DIP28	ispPAC10-SOIC28
	ispPAC20-PLCC44			
ICT	PA7540			

### New Devices for Microcontroller and Memory:

ALI	M6759			
AMD	Am29DL323CT BG63	Am29DL323DT BG63	Am29DL324DB BG63	Am29DL324DT BG63
	Am29F016D E	Am29LV160DB FBGA	Am29LV160DT FBGA	
Atmel	AT49BV8192A-C	AT89C52 Q	AT89C52-5V Q	AT89C55WD
	AT90LS4433 DIP	AT90LS4433 QFP	AT93C46 SO	ATmega103
	ATmega161	ATmega161 Q	ATmega161L	ATmega161L Q
	ATtiny12 SO	ATtiny12V	ATtiny15L	ATtiny15L SO
	ATtiny28L	ATtiny28V		
Atmel W&M/ Temic	M48C893	M48C894	T89C51RD2-RL	
Bench marq	bq4011Y			
Catalyst	CAT28LV64 PL			
Cypress	CY7C63413 SO			
Dallas	DS1644	DS1646		
FAIRC HILD	NM93CS66 SO			
Fujitsu	MBM29F080-PFTN	MBM29F080A-PFTN		
Hitachi	HD6472128F	HD6472128P	HD6472128TF	HD6472237F
	HD6472237FA	HD6472237TE	HD6472237TF	HD6472246F
	HD6472246TE	HD6472345F	HD6472345FA	HD6472345TE
	HD6472345TF	HD6472355F	HD6472355TE	HD6473802FP

Hitachi	HD6473802H	HD6473802P	HD6473827H	HD6473827RF
	HD6473827RH	HD6473827RW	HD64F2128P	HD64F2144TE
	HD64F2148TE	HD64F2148VTE	HD64F2345F	HD64F2345FA
	HD64F2345TE	HD64F2345TF	HD64F3039F	HD64F3039TE
	HD64F3062F	HD64F3062RF	HD64F3062TE	HN27C101A SO
	HN27C4001 SO	HN58C256 SO	HN58C256A SO	HN58V65A SO
Holtek	HT27LC512			
Hyundai	29F400ABT	29F400ATT		
Intel	87C52 QFP	GE28F320C3BC	GE28F800B3BA	GE28F800B3TA
	GT28F640W18B	GT28F640W18T	GT28F640W30B	RD28F3204C3B
	RD28F3204C3T			
Macro nix	MX27C4000A	MX29F8100 TS		
Micro chip	24LC16B SO	25C040	25C160	93LC86
	PIC12C508 SO	PIC12C508A SO	PIC16C54C SS	PIC16C621A SO
	PIC16C622A SS	PIC16C63A SO	PIC16C63A SS	PIC16C712
	PIC16C716	PIC16C72A SO	PIC16C73B SO	PIC16CE623
	PIC16CE624			
Mitsubi shi	M6MGT328S4WG			
MOTOROLA	MC68HC11K1FU	MC68HC705SR3	MC68HC711PA8FU	MC68HC908AS60AFU
	MC68HC908AZ60A	MPC555		
National	NMC93C46 SO			
NEC	D78F0828BGC	D78F9116AMC	D78F9418AGK	
OKI	MR27V1602ES	MR27V1652ES	MR27V3202ES	MR27V802DS
	MR27V852E			
Philips/ Signetics	87C52 QFP	87C528 QFP		
Rohm	BR93LC46-W	BR93LC56-W		
Sanvo	LE28C1001 SO			
SST	28VF040APL			
STMicro elec	M26C201	M28W160BTZB	M28W160CTZB	M50FW040 N
	ST72T511R6T	ST72T511R7T	ST72T511R9T	ST72T631K4M
	ST72T632K2M	ST72T633K1M		
Texas Inst	TMS320P17			

Winbond	W49F020 PL			
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Xicor	X28HC256 SO			
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**New Devices for the FlashTop:**

AMD	Am28F020 PLC	Am29DL323DB BG48	Am29DL323DT BG48	Am29F040 E
	Am29F040 PLC	Am29F040B E	Am29F080 E	Am29F080 F
	Am29F080B F	Am29LV160DB FBGA	Am29LV160DT FBGA	Am29LV641DH E

Atmel	AT29C010	AT29C010A	AT29C256	AT29C257
	AT49BV8192A-C	AT49F001 TSOP		

Fujitsu	MBM29LV001BC	MBM29LV800BA-PFTN		
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Hyundai	29F040AC	29F040AT	29F400ABT	29F400ATT
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Intel	DA28F640J5	E28F008SA	E28F008SA-L	E28F320J3A
	F28F008SA	F28F008SA-L	GE28F320C3BC	GE28F800B3BA
	GE28F800B3TA	GT28F160B3TA	GT28F320D18T	GT28F640W18B
	GT28F640W18T	GT28F640W30B	N82802AC	PA28F200B5T*
	PA28F400B5B*	RD28F1602C3B	RD28F3204C3B	RD28F3204C3T
	TE28F320B3BC	TE28F320B3TC	TE28F320C3BC	TE28F320C3TC
	TE28F320J5	TE28F640J3A		

Macronix	MX29F002T PLC	MX29F004T	MX29F040 TS	MX29F1611 SO
	MX29F8100 SO			

Micron	MT28F004B5T-OLD	MT28F016S5-TS	MT28F322D18FH B	
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Mitsubishi	M6MGT166S4BWG	M6MGT328S4WG		
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Mosel Vitelic	V29C51002T PLC			
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SST	28SF040ATS	28VF040APL	29EE010 PL	29EE020
	39SF020 TS	39SF040P	39VF010 TS	39VF040
	39VF160 TS	49LF004 TS		

STMicoelec	M28W160BTZB	M28W160CTZB		
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Sync Mos	F29C51004T PLC			
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Toshiba	TC58FVB321FT	TC58FVT321FT		
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Winbond	W29EE011	W49F020 PL		
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## Fixes on algos:

### Fixes For Programmable Logic:

ALTE RA	EPC 1/1441/1231/1064 EPM 5032-PLCC	EPC 2 EPM 7032 /S	EP464 EPM 7192S	EPM 3256A
ATME L	ATF15xx-Family			
ICT	PA7024			
PHILIPS	PZ 5128			
XILINX	XC9500-Family	XC9572XL	XC95144XL	XCR3064XL

### Fixes for Microcontroller and Memory:

Alliance	AS29F040 PLC			
AMD	AM29DL323CB BG63	AM29DL323DB BG63	AM29F080 E	AM29F080 F
Atmel	AT17LV010			
	AM29F080B E	AM29F080B F		
Atmel	AT17LV010			
Hyundai	HY29LV160B TS	HY29LV160T TS		
Intel	28F016B3TA GT	E82802AC	N82802AB*	N82802AC
Macro nix	MX29F040			
Micro chip	24LC16	24LC16B SO		
Motora la	MPC555			
National	COP87L20_32K COP87L84B_32K	COP87L22_32K COP87L42_32K	COP87L40_32K	COP87L84_32K
NEC	D17P137A	D78F0058GC	D78F0828BGC	D78F4225GC
Sanyo	LE28F4001	LE28F4001A TS		
SST	29EE010 39SF040PLC 39VF040	29EE010 PL 39VF010 39VF512	29EE010 TS 39VF020 49LF004APL	39SF040 39VF020 TS



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STMicroelec	M26C201	M29W010B TS	STM M29W010B PLC	
Xilinx	XC1701-P	XC1701L-PLCC	XC1702L	XC1704L
	XC1704L TQFP			



History:

V1	02/04/2001	first draft of the document - cl / checked by gablem, em, mennerw, rs