

# Sprint Software Releases

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## C/2001 New Devices for Programmable Logic

Altera	EPM7256BTC100			
Atmel	ATV750BSO24	ATV750BLSO24	ATV750BQLSO24	ATV750BQSO24
Lattice	ispGAL22V10ES			
Xilinx	XC9572XL-VQ44			

## C/2001 New Devices for Microcontroller

Atmel	AT87F52	AT89C55	AT89LS53	ATmega163
	ATtiny11L			
Atmel Wireless	T89C51CC01			
Hitachi	HD647180X	HD64F2148AVFA	HD64F2169AVF	HD64F2169YVF
	HD64F2214BP	HD64F2214TE	HD64F2214TF	HD64F2215TE
	HD64F2227TE	HD64F2227TF	HD64F2268FA	HD64F2268TE
	HD64F2268TF	HD64F2277RTE	HD64F2277RTF	HD64F2277TE
	HD64F2277TF	HD64F2314TE	HD64F2315TE	HD64F2318VF
	HD64F2318VTE	HD64F2319VF	HD64F2319VTE	HD64F2329BF
	HD64F2329BTE	HD64F2329F	HD64F2329TE	HD64F2398F
	HD64F2398TE	HD64F2612FA	HD64F2636F	HD64F2646F
	HD64F2646R	HD64F3062AF	HD64F3062AFP	HD64F3062ATE
	HD64F3062BF	HD64F3337SF	HD64F3664BP	HD64F3664FP
Intel	87C196KB			
Microchip	PIC16C745	PIC16F74	PIC16F76	PIC16F77
	PIC16F872	PIC16F872		
Mitsubishi	M30620FCAFP	M3062xFGFP	M3822xE4HP	M3822xECHP
Motorola	68HC705B32-FU	68HC705J1A-DW	68HC908GR8	68HC908KX8DW
	68HC916R4	68HLC705KJ1		
National	SC14408			
NEC	D78F0701YGC	PD75P3018AGC-BE9	PD78F9046GB-8ES	
Philips	87C557E8	P87C51FA	PXAG39	
ST Micro	ST62T30BM6	ST72F321R6T	ST72F321R7T	ST72F321R9T
	ST72F521R6T	ST72F521R7T	ST72F521R9	
Texas Inst	MSP430F133PM	MSP430F147PM	MSP430F148PM	MSP430F149PM
Toshiba	TMP87PM14N			
Winbon.	78LE516B			

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## C/2001 New Devices for Memory and FLASH

AMIC	A29040A TSOP			
AMD	Am29DL322CB	Am29F016D		
Atmel	AT45D011	AT49BV002T	AT49BV512	AT49F2048A
	AT49LV1024	AT93C46B		
Fujitsu	MBM29DL322TE-PBT	MBM29DL322TE-PFTN	MBM29DL323BE-PBT	MBM29DL323BE-PFTN
	MBM29DL323TE-PBT	MBM29DL323TE-PFTN	MBM29F016A-PFTN	MBM29F080A-PTN
	MBM29LV650UE-PFTN	MB84VD22181EC	MB84VD22182EC	MB84VD22183EC
Hyundai	HY29DL163BT			
Intel	E28F400CV-T	GE28F160C3BC	GE28F160C3TC	N82802AA
	PA28F200BX-B	PA28F200BX-T	RC28F160C3BA	
Macronix	MX29F800B	MX29F800T	MX29LV040	MX29LV160B
	MX29LV160T	MX29LV400B	MX29LV400T	MX29LV800B
	MX29LV800T			
Microchip	93C06	93LC56B	93LC66B-SN	93LC76
	93LC76-SN			
Micron	MT28F016S3			
Mosel	V29C51002T			
SIL	S29430A			
SST	39LF200A	39LF800A	49LF003A	49LF008A
	49LF020	49LF040A		
STMicroelec	M24256-BV(MN)	M28W320CBN	M28W320CTN	M29F200BB
	M29W160DB	M29W160DT	M50FW020	M50FW040
	M50FW080	M50FW080	M50LPW020	M50LPW040
	M93C06	M93C86	M93C86W-P	
Winbon.	W39F010	W49V002A		
Xicor	X24C16			
Xilinx	XC1765X(EL)	XC17V01		

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## B/2001 New Devices for Programmable Logic

Atmel	ATF1504AS-100TQ	ATF16V8B SO	ATF16V8BL SO	ATF16V8BQ SO
	ATF16V8BQL SO	ATF20V8C	ATF20V8CEXT	ATF20V8CQ
	ATF20V8CZ	ATF22V10B SO	ATF22V10BL SO	ATF22V10BQ SO
	ATF22V10BQL SO			

Cypress	CY7C346-PGA	CY7C346-PLCC	CY7C346-PLCC	CY7C346-QFP
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Lattice	iM4A3-32/32 44LC	iM4A3-32/32 48TQ	iM4A5-32/32 44LC	iM4A5-32/32 48TQ
	ispLSI2032VE- 44P	ispLSI2064VE- 44P	ispLSI2064VE- 44T	

Xilinx	XC9536-48CSP	XC9536XL-44VQ	XC9572-100TQFP	XCR3032XL-PC44
	XCR3032XL-VQ44	XCR3064XL-VQ100	XCR3128XL-TQ144	XCR3128XL-VQ100
	XCR3256XL-PQ208	XCR3256XL-TQ144		

## B/2001 New Devices for Microcontroller and Memory

Alliance	AS29LV400B	AS29LV400T	AS29LV800B	AS29LV800T
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AMD	Am28F010A	Am29DL322DB WD	Am29LV320DB	Am29LV400BB
	Am29LV400BT	Am29PL160CB		

Atmel	AT17LV256	AT49BV8011	AT49LV001	AT49LV001N
	AT49LV001NT	AT90LS8535	AT90S2343	

Atmel Wireless	87C54X2	T89C51RC2		
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Catalyst	CAT24WC02-J	CAT24WC02-P		
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Cypress	CY7C63413			
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Fujitsu	MBM29F040C-PD	MBM29LV001TC		
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Hitachi	HD407A4639RF	HD6472655F	HD6472655TE	HD64738024F
	HD64738024H	HD64738024W	HD64F2134AF	HD64F2134FV
	HD64F2134TFV	HD64F2138F	HD64F2138VFA	HD64F2142FA
	HD64F2142TE	HD64F2144AF	HD64F2144FV	HD64F2144TEV
	HD64F2148F	HD64F2148VFA	HD64F2149FA	HD64F2149TE
	HD64F2169ATE	HD64F2169YTE	HD64F2238MTE	HD64F2328F
	HD64F2328TE	HD64F2338F	HD64F2623FA	HD64F2626FA
	HD64F2633F	HD64F2633TE	HD64F3048VTF	HD64F3052F25
	HD64F3052TE	HD64F3064BF	HD64F3064F	HD64F3064TE
	HD64F7046F	HD64F7047F	HD64F7055RBP	

Intel	GE28F320W18B_N	GE28F320W30B_N	GT28F640W30T_N	RC28F640J3A
	RD28F1602C3T			

Macronix	MX29LV160B	MX29LV160T		
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<b>B/2001 New Devices for Microcontroller and Memory (cont.)</b>				
Microchip	24LC128 P	24LC128 SN	93LC46B P	93LC46B SN
	PIC16C55A	PIC16C55A	PIC16C57C	PIC16CE625
	PIC16F73	PIC16F74	PIC16F874	PIC16F877
	PIC16LF877			
Micron	MT28F002C1T			
Mitsubishi	M38C3xEC FP			
Motorola	MC68HC11F1			
Motorola	MC68HC705P9	MC68HC711MA8	MC68HC908GP32CP	MC9S12DP256
	MC9S12Dx256			
NEC	D70F3003AGC	D70F3025A	D78F0034AGK	D78F0988AGC
OKI	MR27V1602ET			
Panasonic	MN102LP35ZDP			
Philips/ Signetics	87C51FB	87C554	87C575	87LPC767 D
	87LPC767 N	87LPC767DH	87LPC768 D	87LPC768 N
	87LPC768DH	87LPC769 D	87LPC769 N	87LPC769DH
	89C51RB2	89C51RC2		
Sanyo	LE28FV4001			
Sharp	LRS1336			
SST	39VF160Q	45LF010	45VF010	49LF004A
STMicroelec	M28W160CB	M28W320CTZB	ST72T532R4T	ST72T532R4T
Texas Inst	MSP430F1121-PW			
Xilinx	XC1701L-S	XC1702L	XC17512L	XC17S100A
	XC17S100A-S	XC17S100A-V	XC17S150A	XC17S150A-S
	XC17S150A-V	XC17S15A	XC17S15A-S	XC17S15A-V
	XC17S200A	XC17S200A-V	XC17S30A	XC17S30A-S
	XC17S30A-V	XC17S50A	XC17S50A	XC17S50A-S
	XC17S50A-V	XC17V01	XC17V01-20	XC17V02-20
	XC17V02-44	XC17V04-20	XC17V04-44	XC18V01
	XC18V02	XC18V04	XC18V256	XC18V512

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<b>B/2001 New Devices for the FlashTOP</b>				
Alliance	AS29LV400B	AS29LV400T	AS29LV800B	AS29LV800T
AMD	Am28F010A	Am29DL322DB WD	Am29LV320DB	Am29LV400BB
	Am29LV400BT			
Atmel	AT49BV8011	AT49LV001	AT49LV001N	AT49LV001NT
	AT49LV001NT			
Fujitsu	MBM29F040C-PD	MBM29LV001TC		
Intel	GE28F320W18B_N	GE28F320W30B_N	GT28F640W30T_N	RC28F640J3A
	RD28F1602C3T			
Macronix	MX29LV160B	MX29LV160T		
Micron	MT28F002C1T			
Sanyo	LE28FV4001			
Sharp	LRS1336			
SST	39VF160Q	49LF004A		
STMicroelec	M28W160CB	M28W320CTZB		

**B/2001 Algorithm Fixes for Programmable Logic Devices**

Altera	EPM7064S-LC44	EPM7064S-TC44		
ICT	PA7024	PA7540		

**B/2001 Algorithm Fixes for Microcontroller and Memory Devices**

AMD	Am29010A J	Am29DS323DB	Am29DS323DT	Am29F002BB E
	Am29F002BB J	Am29F002BB P	Am29F002BT E	Am29F002BT J
	Am29F002BT P	Am29F002NBB E	Am29F002NBB J	Am29F002NBB P
	Am29F002NBT E	Am29F002NBT J	Am29F002NBT P	Am29F010A E
	Am29F010A P	Am29F040B J	Am29F040B P	Am29LV001BB E
	Am29LV001BB PLC	Am29LV001BT	Am29LV001BT E	Am29LV010B E
	Am29LV010B J	Am29LV010B P	Am29LV040B E	Am29LV040B J
	Am29LV040B P	Am29LV320DB-ENG	Am29SL160CB	Am29SL160CB E
	Am29SL160CT	Am29SL160CT E	Am29SL800CB E	Am29SL800CT E

Atmel	AT29C010 J	AT29C010 P	AT29C010 T	AT29C010A J
	AT29C010A P	AT29C010A T	AT29C256	AT29LV040A
	AT45DB041B	AT45DB081	AT45DB081A	AT49BV001N J
	AT49BV001N P	AT49BV001N T	AT49BV002 J	AT49BV002 P
	AT49BV002 T	AT49BV010 J	AT49BV010 T	AT49BV020 J
	AT49BV020 T	AT49BV040 J	AT49BV040 T	AT49F001 J
	AT49F001 P	AT49F001 T	AT49F001N J	AT49F001N P
	AT49F001N T	AT49F001NT J	AT49F001NT P	AT49F001NT T
	AT49F001T J	AT49F001T P	AT49F001T T	AT49F002 J
	AT49F002 P	AT49F002 T	AT49F002N J	AT49F002N P
	AT49F002N T	AT49F002NT J	AT49F002NT P	AT49F002NT T
	AT49F002T J	AT49F002T P	AT49F002T T	AT49F010 J
	AT49F010 P	AT49F010 T	AT49F020 J	AT49F020 P
	AT49F020 T	AT49F040 J	AT49F040 P	AT49F040 T
	AT49F040T J	AT49F040T P	AT49F040T T	AT49F512 J
	AT49F512 P	AT49F512 T	AT49HF010 J	AT49HF010 P
	AT49HF010 T			

Fujitsu	MBM29F040C-PD	MBM29F040C-PFTN	MBM29LV001BC	
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Hitachi	HD64F3437STF	HD64F3437STF		
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Intel	28F020	28F512	DA28F640J5	E28F640J3
	E28F640J3A	E28F640J5	GE28F320W18B_N	GE28F320W30B_N
	GT28F640W18B_N	GT28F640W18T_N	GT28F640W30B_N	RD28F1602C3B

Microchip	PIC16F873	PIC16F874	PIC16F876	PIC16F877
	PIC16LF876	PIC16LF877		

Micron	MT28F016S5			
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Mitsubishi	M3807xE4	M3807xEF	M3820xEF FP	M3850xE4 FP
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NEC	D78P083GB			
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<b>B/2001 Algorithm Fixes for Microcontroller and Memory Devices (cont.)</b>				
SST	27SF512	28SF040 N	28SF040 P	28SF040 W
	29EE512	39VF512		
STMicroelec	M29F010B K	M29F010B N	M29F010B P	M29F016B
	M29F040 K	M29F040 N	M29F040 P	M29F040B K
	M29F040B N	M29F040B P	M29W010B	M29W040B K
	M29W040B N	M29W040B P	M29W512B K	M29W512B NZ
Xilinx	XC1701	XC1701L	XC1701L-S	XC1702L
	XC17S05L-P	XC17S100L-P	XC17S10L-P	XC17S150L-P
	XC17S20L-P	XC17S30L-P	XC17S40L-P	XC17S50L-P