

added support of next devices:

Manufacturer	Device(s)
ACE Technology	ACE93C46 (x16), ACE93C46 (x16) (ISP), ACE93C46 (x8), ACE93C46 (x8) (ISP)
Altera	EPM7064B [FBGA100] (Jam), EPM7064B [FBGA100] (SVF), EPM7128B [FBGA100] (Jam), EPM7128B [FBGA100] (SVF), EPM7128B [UBGA169] (Jam), EPM7128B [UBGA169] (SVF), EPM7256B [UBGA169] (Jam), EPM7256B [UBGA169] (SVF), EPM7512B [UBGA169] (Jam), EPM7512B [UBGA169] (SVF), EPM7064AE [FBGA100] (Jam), EPM7064AE [FBGA100] (SVF), EPM7128AE [FBGA100] (Jam), EPM7128AE [FBGA100] (SVF), EPM7256AE [FBGA100] (Jam), EPM7256AE [FBGA100] (SVF), EPM7128AE [UBGA169] (Jam), EPM7128AE [UBGA169] (SVF), EPM7256S [PQFP208] (Jam), EPM7256S [RQFP208] (Jam)
AMD	Am2716B [LCC32], Am27C191C [LCC28], Am2732B [LCC32]
Atmel	AT91SAM7S16 (ISP), AT91SAM7S161 (ISP), AT91SAM7S32 (ISP), AT91SAM7S32B (ISP), AT91SAM7S321 (ISP), AT91SAM7S64 (ISP), AT91SAM7S64B (ISP), AT91SAM7S128 (ISP), AT91SAM7S256 (ISP), AT91SAM7S512 (ISP), AT91SAM7X128 (ISP), AT91SAM7X256 (ISP), AT91SAM7X512 (ISP), AT91SAM7XC128 (ISP), AT91SAM7XC256 (ISP), AT91SAM7XC512 (ISP), AT91SAM7SE32 (ISP), AT91SAM7SE256 (ISP), AT91SAM7SE512 (ISP), ATmega16HVB [TSSOP44], ATmega32HVB [TSSOP44], ATmega16HVB (ISP-SPI), ATmega32HVB (ISP-SPI), ATA6602 [QFN48], ATA6603 [QFN48], ATA6612 [QFN48], ATA6613 [QFN48], ATA6616 [QFN38], ATA6617 [QFN38], ATA5771 [QFN24], ATA5773 [QFN24], ATA5774 [QFN24], ATA8741 [QFN24], ATA8742 [QFN24], ATA8743 [QFN24]
Catalyst (CSI)	CAT34RC02, CAT34RC02 (ISP)
Cypress	CY8C3665AXI-010 [TQFP100], CY8C3665AXI-013 [TQFP100], CY8C3865AXI-015 [TQFP100], CY8C3665AXI-016 [TQFP100], CY8C3665AXI-017 [TQFP100], CY8C3865AXI-018 [TQFP100], CY8C3865AXI-019 [TQFP100], CY8C3666AXI-031 [TQFP100], CY8C3866AXI-033 [TQFP100], CY8C3666AXI-034 [TQFP100], CY8C3866AXI-035 [TQFP100], CY8C3666AXI-036 [TQFP100], CY8C3666AXI-037 [TQFP100], CY8C3866AXI-038 [TQFP100], CY8C3866AXI-039 [TQFP100], CY8C3866AXI-040 [TQFP100], CY8C3666AXI-052 [TQFP100], CY8C3866AXI-054 [TQFP100], CY8C3866AXI-055 [TQFP100], CY8C3865AXI-056 [TQFP100], CY8C3444AXI-096 [TQFP100], CY8C3445AXI-097 [TQFP100], CY8C3446AXI-098 [TQFP100], CY8C3446AXI-099 [TQFP100]
Dallas	DS28EC20 [TO-92], DS28EC20 [TSOC6], DS2502-E48 [TO-92], DS2502-E48 [TSOC6], DS18B20 (ISP)
Elmos	E909.05 [QFN32]
Energy Micro	EFM32G200F16 [QFN32], EFM32G200F32 [QFN32], EFM32G200F64 [QFN32], EFM32G210F128 [QFN32], EFM32G230F32 [QFN64], EFM32G230F64 [QFN64], EFM32G230F128 [QFN64], EFM32G280F32 [QFP100], EFM32G280F64 [QFP100], EFM32G280F128 [QFP100], EFM32G840F32 [QFN64], EFM32G840F64 [QFN64], EFM32G840F128 [QFN64], EFM32G880F32 [QFP100], EFM32G880F64 [QFP100], EFM32G880F128 [QFP100]
Eon Silicon Dev.	EN29LV640AB, EN29LV640AT, EN29GL256H, EN29GL256L, EN25Q32B, EN25Q32B (ISP), EN25Q32B (DualSPI), EN25Q32B (QuadSPI), EN25S20 [VDFN8 5x6], EN25S20 [VDFN8 5x6] (DualSPI), EN25Q128, EN25Q128 (ISP), EN25Q128 (DualSPI), EN25Q128 (QuadSPI)
Fidelix	FM25Q16 [SOIC8-200], FM25Q16A [SOIC8-200], FM25Q16 (ISP), FM25Q16A (ISP)
First-Rank Techn.	T93C46 (x16), T93C46 (x16) (ISP), T93C56 (x16), T93C56 (x16) (ISP), T93C66 (x16), T93C66 (x16) (ISP), T93C46 (x8), T93C46 (x8) (ISP), T93C56 (x8), T93C56 (x8) (ISP), T93C66 (x8), T93C66 (x8) (ISP), T24C02, T24C04, T24C08, T24C16, T24C32, T24C64, T24C128, T24C256, T24C02 (ISP), T24C04 (ISP), T24C08 (ISP), T24C16 (ISP), T24C32 (ISP), T24C64 (ISP), T24C128 (ISP), T24C256 (ISP)
Freescale Semic.	MC68HC705B16, MC68HC705B16N, MC705B16N, MC9S08LG16 [LQFP64], S9S08LG16 [LQFP64], S9S08LG32 [LQFP80], S9S08LG32 [LQFP64], S9S08LG32 (ISP), MC9S08SL16 [TSSOP28], MC9S08SL16 (ISP),

S9S08SL16 [TSSOP28], S9S08SL16 (ISP), S9S12XA512 [QFP80], S9S12XA512 [LQFP112], S9S12XA512 [LQFP144], S9S12XA512 (ISP), MC9S12XA512 (ISP), S9S12XA256 [QFP80], S9S12XA256 [LQFP112], S9S12XA256 [LQFP144], S9S12XA256 (ISP), MC9S12XA256 (ISP), S9S12XDG128 [LQFP112], S9S12XDG128 (ISP), MC9S12XDQ256 (ISP), S9S12XDQ256 (ISP), S9S12XDT512 [QFP80], S9S12XDT512 [LQFP112], S9S12XDT512 (ISP), MC9S12XDT512 (ISP), S9S12XDT256 [LQFP112], S9S12XDT256 (ISP), MC9S12XDT256 (ISP), S9S12XET256 [QFP80], S9S12XET256 (ISP), S9S12XEG128 (ISP), MC9S12XEG128 (ISP), S9S12XHZ384 (ISP), MC9S12XHZ384 (ISP), MC9S12XHZ512 (ISP), MCF52254 [LQFP100], MCF52254 (ISP)

Fudan Microelect. FM24C04A, FM24C04A (ISP)

Fujitsu MB7112L, MB7112L [SOIC16], MB7111L, MB7111L [SOIC16], MB85RS256 (ISP), MB96F315 (ISP) (asynch. USART2), MB8518

Hitachi R4F2112 [TQFP144] (CS), HD64F3664FP

Holtek HT46R52A [SSOP20]

Hua Jie Tech. K24C04 [DFN8], K24C128 [DFN8]

Hynix H27U8G8T2B [TSOP48], H27U8G8T2B [TSOP48] (AML-01), H27UBG8T2A [TSOP48]

IDT TSE2002B3C, TSE2002B3C (ISP)

Infineon PMA7110 (ISP), PMA7107 (ISP), PMA7106 (ISP), PMA7105 (ISP), PMA5110 (ISP), PMA5105 (ISP), SAF-XC866-1FRx, SAA-XC866-1FRx, SAF-XC866-2FRx, SAA-XC866-2FRx, SAF-XC866-4FRx, SAA-XC866-4FRx, SAF-XC866-1FRx 3V, SAA-XC866-1FRx 3V, SAK-XC866-2FRx 3V, SAF-XC866-2FRx 3V, SAA-XC866-2FRx 3V, SAK-XC866-4FRx 3V, SAF-XC866-4FRx 3V, SAA-XC866-4FRx 3V, SAK-XC866L-1FRx 3V, SAK-XC866L-1FRx, SAF-XC866L-1FRx, SAA-XC866L-1FRx, SAK-XC866L-2FRx, SAF-XC866L-2FRx, SAA-XC866L-2FRx, SAK-XC866L-4FRx, SAF-XC866L-4FRx, SAA-XC866L-4FRx, SAK-XC866-1FRx 3V, SAF-XC866L-1FRx 3V, SAA-XC866L-1FRx 3V, SAK-XC866L-2FRx 3V, SAF-XC866L-2FRx 3V, SAA-XC866L-2FRx 3V, SAK-XC866L-4FRx 3V, SAF-XC866L-4FRx 3V, SAA-XC866L-4FRx 3V, SAK-CIC61508 3V3, SAF-CIC61508 3V3

Intel PF38F3060M0Y1EE [SCSP133], PF38F3060M0Y1EE [SCSP133] (BEFP), PF38F3060M0Y1EF [SCSP133], PF38F3060M0Y1EF [SCSP133] (BEFP), PF38F3060M0Y1EG [SCSP133], PF38F3060M0Y1EG [SCSP133] (BEFP), PF38F3060M0Y1EH [SCSP133], PF38F3060M0Y1EH [SCSP133] (BEFP), PF38F5060M0Y1EE [SCSP133], PF38F5060M0Y1EE [SCSP133] (BEFP), PF38F5070M0Y1EE [SCSP133], PF38F5070M0Y1EE [SCSP133] (BEFP), RC28F00AM29EWH [BGA64], RC28F00AM29EWL [BGA64], JS28F128M29EWH [TSOP56], PC28F128M29EWH [BGA64], RC28F128M29EWH [BGA64], JS28F128M29EWL [TSOP56], PC28F128M29EWL [BGA64], RC28F128M29EWL [BGA64]

ISSI IS24C01C, IS24C08B, IS24C16B, IS24C64C, IS24C256B, IS34TS02, IS24C01C (ISP), IS24C08B (ISP), IS24C16B (ISP), IS24C64C (ISP), IS24C256B (ISP), IS34TS02 (ISP), IS25C64B, IS25C64B (ISP)

Lantronix 220-606-R [BGA90]

Lattice LAMXO2280E [ftBGA324] (SVF), LAMXO2280E [ftBGA324] (VME), LCMXO2280C [ftBGA324] (SVF), LCMXO2280C [ftBGA324] (VME), LCMXO2280E [ftBGA324] (SVF), LCMXO2280E [ftBGA324] (VME), LFXP2-5E [TQFP144], LFXP2-5E [TQFP144] (SVF), LFXP2-8E [TQFP144], LFXP2-8E [TQFP144] (SVF)

Macronix MX29LV320ET [TSOP48], MX29LV320EB [TSOP48], MX29LV320ETXE, MX29LV320EBXE, MX29LV320ETXB, MX29LV320EBXB, MX29LV320ET [PSOP44], MX29LV320EB [PSOP44], MX25L2006E, MX25L4006E, MX25L1633E, MX25L25635E, MX25L25636E, MX25L25655E, MX25L25735E, MX25L2006E (Dual O), MX25L4006E (Dual O), MX25L1633E (Dual I/O), MX25L1633E (Quad I/O), MX25L25635E (Quad I/O), MX25L25655E (Quad I/O), MX25L25735E (Quad I/O), MX25L2006E (ISP), MX25L4006E (ISP), MX25L6445E (ISP), MX25L6446E (ISP), MX25L6465E (ISP), MX25L12845E (ISP), MX25L12846E (ISP), MX25L25635E (ISP), MX25L25655E (ISP), MX25L25735E (ISP)

Maxim DS28EC20 [TO-92], DS28EC20 [TSOC6], DS2502-E48 [TO-92], DS2502-E48 [TSOC6], DS18B20 (ISP)

Microchip PIC16F1826 [UQFN28], PIC16F1827 [UQFN28], PIC16F1933 [UQFN28], PIC16F1936 [UQFN28], PIC16F1938 [UQFN28], PIC16F630 [QFN16], PIC16F676 [QFN16], PIC18F26J13, PIC18LF26J13, PIC18F26J53, PIC18LF26J53, PIC18F27J13, PIC18LF27J13, PIC18F27J53, PIC18LF27J53, PIC18F46J13, PIC18LF46J13, PIC18F46J53, PIC18LF46J53, PIC18F47J13, PIC18LF47J13,

PIC18F47J53, PIC18LF47J53, PIC18F96J60 [TQFP100 12x12],
 PIC18F96J65 [TQFP100 12x12], PIC18F97J60 [TQFP100 12x12]

Microsemi WMF128K8-xxxC, WMF128K8-xxxFF, WMF512K8-xxxC

Mitsubishi M34508G4GP, M34508G4HGP, M34508G4FP, M34508G4HFP, R5F3640MDFB

Motorola MC68HC705B16, MC68HC705B16N

Numonyx NAND512W3A2DZA [VFBGA63] (DGT-01), PF38F3060M0Y1EE [SCSP133],
 PF38F3060M0Y1EE [SCSP133] (BEFP), PF38F3060M0Y1EF [SCSP133],
 PF38F3060M0Y1EF [SCSP133] (BEFP), PF38F3060M0Y1EG [SCSP133],
 PF38F3060M0Y1EG [SCSP133] (BEFP), PF38F3060M0Y1EH [SCSP133],
 PF38F3060M0Y1EH [SCSP133] (BEFP), PF38F5060M0Y1EE [SCSP133],
 PF38F5060M0Y1EE [SCSP133] (BEFP), PF38F5070M0Y1EE [SCSP133],
 PF38F5070M0Y1EE [SCSP133] (BEFP), M58LT128KSTxZA [TBGA64],
 M58LT128KSBxZA [TBGA64], M58LT256KSTxZA [TBGA64],
 M58LT256KSBxZA [TBGA64], RC28F00AM29EWH [BGA64], RC28F00AM29EWL [BGA64]

NXP/Philips LPC1763 [LQFP100], LPC1763 (ISP),
 TDA15000H/N1-128kB, TDA15000H1/N1-128kB, TDA15000H/N1-256kB,
 TDA15000H1/N1-256kB, TDA15001H/N1-128kB, TDA15001H1/N1-128kB,
 TDA15001H/N1-256kB, TDA15001H1/N1-256kB, TDA15004PQ/N1-128kB,
 TDA15004PQ/N1-256kB, TDA15005PQ/N1-128kB, TDA15005PQ/N1-256kB,
 TDA15010H/N1-128kB, TDA15010H1/N1-128kB, TDA15010H/N1-256kB,
 TDA15010H1/N1-256kB, TDA15011H/N1-128kB, TDA15011H1/N1-128kB,
 TDA15011H/N1-256kB, TDA15011H1/N1-256kB, TDA15014PQ/N1-128kB,
 TDA15014PQ/N1-256kB, TDA15015PQ/N1-128kB, TDA15015PQ/N1-256kB,
 TDA15020H/N1-128kB, TDA15020H1/N1-128kB, TDA15020H/N1-256kB,
 TDA15020H1/N1-256kB, TDA15021H/N1-128kB, TDA15021H1/N1-128kB,
 TDA15021H/N1-256kB, TDA15021H1/N1-256kB, TDA15024PQ/N1-128kB,
 TDA15024PQ/N1-256kB, TDA15025PQ/N1-128kB, TDA15025PQ/N1-256kB,
 TDA15030H/N1-128kB, TDA15030H1/N1-128kB, TDA15030H/N1-256kB,
 TDA15030H1/N1-256kB, TDA15031H/N1-128kB, TDA15031H1/N1-128kB,
 TDA15031H/N1-256kB, TDA15031H1/N1-256kB, TDA15040H/N1-128kB,
 TDA15040H1/N1-128kB, TDA15040H/N1-256kB, TDA15040H1/N1-256kB,
 TDA15041H/N1-128kB, TDA15041H1/N1-128kB, TDA15041H/N1-256kB,
 TDA15041H1/N1-256kB, TDA15050PQ/N1-128kB, TDA15052PQ/N1-128kB,
 TDA15060H/N1-128kB, TDA15060H1/N1-128kB, TDA15062H/N1-128kB,
 TDA15062H1/N1-128kB, TDA15062H/N1-256kB, TDA15062H1/N1-256kB,
 TDA15063H/N1-128kB, TDA15063H1/N1-128kB, TDA15063H/N1-256kB,
 TDA15063H1/N1-256kB, TDA15064PQ/N1-128kB, TDA15064PQ/N1-256kB,
 TDA15065PQ/N1-128kB, TDA15065PQ/N1-256kB, TDA15070H/N1-128kB,
 TDA15070H1/N1-128kB, TDA15072H/N1-128kB, TDA15072H1/N1-128kB,
 TDA15072H/N1-256kB, TDA15072H1/N1-256kB, TDA15073H/N1-128kB,
 TDA15073H1/N1-128kB, TDA15073H/N1-256kB, TDA15073H1/N1-256kB,
 TDA15074PQ/N1-128kB, TDA15074PQ/N1-256kB, TDA15075PQ/N1-128kB,
 TDA15075PQ/N1-256kB, SE97B, SE97B (ISP)

Radium RM24C02, RM24C02 (ISP)

Renesas Technology R5F2133CA (ISP), R5F3640MDFB, R5F21255SNFP, R5F21255SDFP,
 R5F21255SNFP (ISP), R5F21255SDFP (ISP), R4F2112 [TQFP144] (CS),
 HD64F3664FP, M34508G4GP, M34508G4HGP, M34508G4FP, M34508G4HFP

Rohm BR93LC46F [SOIC8-170], BU9883

Samsung K5G2829ATM [FBGA133], K5G2829ABM [FBGA133]

Seiko Instruments S-25C080A [TMSOP8], S-25C160A [TMSOP8], S-25C320A [TMSOP8],
 S-25C640A [TMSOP8], S-25C128A [TSSOP8]

Silicon Laborat. C8051F580, C8051F581, C8051F582, C8051F583, C8051F584, C8051F585,
 C8051F586, C8051F587, C8051F588, C8051F589, C8051F590, C8051F591

Spansion S99PL127J003 [FBGA64], S72XS128RD0AHBH [FBGA133],
 S72XS128RD0AHBJ [FBGA133], S29XS128RxxBHW00 [FBGA44],
 S29XS128RxxBHW01 [FBGA44], S29XS256RxxBHW00 [FBGA44],
 S29XS256RxxBHW01 [FBGA44], S72XS128RD0AHBG [FBGA133],
 S72XS256RD0AHBG [FBGA133], S72XS256RD0AHBH [FBGA133],
 S72XS256RD0AHBJ [FBGA133], S71XS256RD0ZHE40 [FBGA56],
 S71XS256RD0ZHEC0 [FBGA56], S71XS256RD0ZHE44 [FBGA56],
 S71XS256RD0ZHEC4 [FBGA56], S25FL129PxxBxxY0 [BGA24],
 S25FL129PxxBxxZ0 [BGA24], S25FL129PxxBxxY1 [BGA24],
 S25FL129PxxBxxZ1 [BGA24], S25FL129PxxBxxY0 [BGA24] (QuadSPI),
 S25FL129PxxBxxZ0 [BGA24] (QuadSPI), S25FL129PxxBxxY1 [BGA24] (QuadSPI),
 S25FL129PxxBxxZ1 [BGA24] (QuadSPI)

STMicroelectronics STM32F101RF [LQFP64], STM32F101RF (ISP-SW), STM32F101RF (ISP-JTAG),
STM32F101RF (ISP-JTAG CHAIN), STM32F101RG [LQFP64], STM32F101RG (ISP-SW),
STM32F101RG (ISP-JTAG), STM32F101RG (ISP-JTAG CHAIN),
STM32F101VF [LQFP100], STM32F101VF (ISP-SW), STM32F101VF (ISP-JTAG),
STM32F101VF (ISP-JTAG CHAIN), STM32F101VG [LQFP100],
STM32F101VG (ISP-SW), STM32F101VG (ISP-JTAG),
STM32F101VG (ISP-JTAG CHAIN), STM32F101ZF [LQFP144],
STM32F101ZF (ISP-SW), STM32F101ZF (ISP-JTAG),
STM32F101ZF (ISP-JTAG CHAIN), STM32F101ZG [LQFP144],
STM32F101ZG (ISP-SW), STM32F101ZG (ISP-JTAG),
STM32F101ZG (ISP-JTAG CHAIN), STM32F103RF [LQFP64], STM32F103RF (ISP-SW),
STM32F103RF (ISP-JTAG), STM32F103RF (ISP-JTAG CHAIN),
STM32F103RG [LQFP64], STM32F103RG (ISP-SW),
STM32F103RG (ISP-JTAG), STM32F103RG (ISP-JTAG CHAIN),
STM32F103VF [LQFP100], STM32F103VF (ISP-SW), STM32F103VF (ISP-JTAG),
STM32F103VF (ISP-JTAG CHAIN), STM32F103VG [LQFP100],
STM32F103VG (ISP-SW), STM32F103VG (ISP-JTAG),
STM32F103VG (ISP-JTAG CHAIN), STM32F103ZF [LQFP144],
STM32F103ZF [LFBGA144], STM32F103ZF (ISP-SW), STM32F103ZF (ISP-JTAG),
STM32F103ZF (ISP-JTAG CHAIN), STM32F103ZG [LQFP144],
STM32F103ZG [LFBGA144], STM32F103ZG (ISP-SW), STM32F103ZG (ISP-JTAG),
STM32F103ZG (ISP-JTAG CHAIN), NAND512W3A2DZA [VFPGA63] (DGT-01),
M58LT128KSTxZA [TBGA64], M58LT128KSBxZA [TBGA64],
M58LT256KSTxZA [TBGA64], M58LT256KSBxZA [TBGA64],
STM8L151K4U [QFPN32-ADS], M24256-DR, M24256-BF, M24512-DR,
M24512-R [MLP8], M24512-W [SOIC8-200], M24512-W [TSSOP8],
M24256-BF (ISP), M24256-DR (ISP), M24512-DR (ISP)

SyncMOS SM59R16A3Cxxxx, SM59R16A3Lxxxx, SM59R09A3Cxxxx, SM59R09A3Lxxxx,
SM59R05A3Cxxxx, SM59R05A3Lxxxx

TI (TMS) BUF08821A, BUF08821B, BUF08822, BQ26100 [SON6],
MSP430F4132 [LQFP64] (BSL), MSP430F4132 [LQFP64] (JTAG),
MSP430F4132 [QFN48] (BSL), MSP430F4132 [QFN48] (JTAG),
MSP430F4132 (ISP-4wire JTAG), MSP430F4152 [LQFP64] (BSL),
MSP430F4152 [LQFP64] (JTAG), MSP430F4152 [QFN48] (BSL),
MSP430F4152 [QFN48] (JTAG), MSP430F4152 (ISP-4wire JTAG)

Toshiba TC58NVG1S3EBAI5 [TFBGA63], TC58NVG3S0ETA00 [TSOP48],
TC58DVM92A5 [TSOP48]

Weltrend WT69P3-SG161, WT69P3-SG163, WT69P3-OG200, WT69P3-OG240,
WT69P3-OG241, WT69P3-OG280

Winbond W25Q16BV

Xilinx XC3S1400AN

device handling improvements:

- Atmel ATtiny48, common device info modified
- Atmel AT90USB646/7/1286/, ATmega32U6, ATmega640/1280/1281/2560/2561, correction of the ISP connection details in "Deviceinfo" dialog window
- Atmel AVR32 series (ISP), chip handling changed
- Atmel AVR32 series, erase and programming function modified
- Atmel XMEGA series in BGA package, added description of BGA package orientation in ZIF socket of converter
- Atmel XMEGA D series, "View/Edit Lock, Fuses and Calibration" options window modified
- Chipcon/TI CC2430, programming procedure improved
- Dallas DS1821, work with device in thermostat mode supported
- Eon EN29GL128H [TSOP56], erase procedure improved
- Fujitsu MB96F315 (ISP), added description of ISP connector pins
- Freescale Semic. MCF5216, improvement of programming security bits
- Freescale Semic. MC9S08DZ60, MC9S08DZ48, MC9S08DZ32, MC9S08DN60, MC9S08DN16, MC9S08SL8, MC9S08EL16, MC9S08EL32: memory map changed, backward project compatibility not maintained
- Hynix H27U8G8T2B [TSOP48] - Read and Verify operations stability improved
- Hynix H27UBG8T2A [TSOP48] - default tolerant verify parameters matched with datasheet ECC requirements
- Lattice ispMACH4000V/ZE [TQFP144], improving of overcurrent protection system
- Lattice MachXO [caBGA256], improving of overcurrent protection system
- Macronix MX23Cxxxx [SOP44], programming adapter changed
- Microchip PIC32MXxxxx, all operation speed increased in ISP-2wire JTAG mode
- Microchip PIC16C54-XT, programming procedure improved

- Microchip PIC24FxxKxxxx, load hex procedure improved
- NAND flash devices - introduced feature Halt on new invalid block
- NAND flash devices - optimized verify after programming for sparse data
- NEC uPD70F342x, read procedure added
- NEC uPD75P108B, device size changed
- Nordic Semiconductor nRF24LE1 [QFN48], Automatic YES! pins detection improved
- Numonyx PC28F00AP33BF [Easy BGA64], RC28F256P33B [Easy BGA64], improving of POF files loading
- Samsung K9F1G08U0B [TSOP48] - read/verify operations stability improved
- Silicon Laborat. C8051F301 (ISP), programming algorithm improved
- Spansion S99PL127J003 [FBGA64], type of BGA socket converter modified
- Spansion S29WS128PxxBFxx00 [FBGA84], programming procedure modified
- SST SST25VF064C (DualSPI), programming operation improved
- SST SST25VF064C, programming operation improved
- SST SST39WF1601xxxxMA [WFBGA48], programming procedure modified
- STMicroelectronics ST7FL35F2M (ICP OPT Enable/Disable), erase/programming procedure improved
- STMicroelectronics STM32F1xx devices in TQFP48 package - insertion test improvement
- STMicroelectronics STM8L151K4U [QFPN32-ADS], low speed communication added
- SyncMOS SM5964, power-up sequence modified
- SyncMOS SM5964, programming procedure improved
- TI (TMS) TBP28SA42, programming speed increased
- Toshiba TMP86FM29UG, power-up sequence modified
- Winbond W25X64V, W25Q64BV, ID check improvement
- Xilinx XC3S-AN, adding of information about supported MCS file format
- Xilinx XC95144XL [TQFP100], improving of overcurrent protection system
- 16-bit NAND flash devices - tolerant verify frame size input check
- 16-bit NAND flash devices - ONFI parameters page read support fixed
- Added low speed communication for devices STM8A/STM8S/STM8L
- serial flash xx25xx, added checking of Device start/end edition

bugs fixed:

- 3D Plus 3DPO64M08VS2299, programming bug fixed for configuration bits: Configuration mode and BUSY bit Pull-Down
- Actel A3PNxxx-Z, AGLNxxx-Z, error message during loading programming file bug fixed
- Atmel AT25F512B, ID check error fixed
- Atmel AT28C256, "Unexpected error 1 [IEC:2, D:00]!" bug repair
- Atmel AT32UC3B1256 (ISP), ID check error fixed and reading and programming the fuse bytes error fixed
- Atmel AT91SAM9XE, power up procedure bug fixed
- Atmel ATtiny87/167 (ISP), Communication error bug fixed, supply menu added
- Atmel ATmega8U2/16U2/32U2 in QFP32 package, "Device overcurrent error" bug fixed
- Atmel ATmega8U2/16U2 (ISP), Sizes of EEPROM a FLASH corrected
- Atmel ATmega8U2 in ZIF, EEPROM size corrected
- Atmel ATxmega16A4/32A4, bad "User signature row" range description changed
- Atmel ATA6286, reading the fuse bits bug fixed
- IDT IDT5V9885C [TQFP32], Unexpected error 1 [IEC:1, D:23] fixed
- Intel PC28F256P30BF [EasyBGA64], block unprotect procedure bug fixed
- Fudan Microelect. FM24C16B, insertion test bug fixed
- Freescale Semic. MCF5216, programming bug fixed
- Freescale Semic. MC68HC908QY4, programming bug fixed
- Freescale Semic. MC68HC908JB8 (ISP all-wire), power-up sequence bug fixed
- Fujitsu MB96F315 (ISP) (asynch. USART2), synchronization procedure bug fixed
- Macronix MX29LV640EB [FBGA48], bug in verification procedure fixed
- Macronix MX29GA128EH [FBGA64], "EDevOpt fatal error" fixed
- Microchip dsPIC33FJ128GP204, configuration mask bug fixed
- Microchip dsPIC33FJ64GP802, programming configuration bits bug fixed
- Microchip PIC16F1933, PIC16LF1933, ID check procedure bug fixed
- Microchip PIC16F87x, verification procedure at VDDmin bug fixed
- Microchip PIC16F1826, correction of size the program memory
- Microchip PIC16F1xxx Family, configuration bits verification procedure bug fixed
- Microchip PIC16C5x, power-on procedure bug fixed
- Microchip PIC16F76, programming procedure bug fixed
- Microchip PIC18F96J60, PIC18F96J65, PIC18F97J60, insertion test procedure bug fixed
- Microchip PIC24F0xKAx01 [QFN20], insertion test procedure bug fixed
- Microchip PIC24FJxxGA002/004, PICMicro checksum calculation bug fixed
- Microchip PIC32Mxxxx, UPLLEN configuration bits bug fixed
- Numonyx JS28F00AM29EWH [TSOP56], programming procedure bug fixed

- Numonyx JS28F512M29EWL [TSOP56], erase procedure bug fixed
- Numonyx M29W128FHxxN [TSOP56]x16, power up procedure bug fixed
- Nuvoton/Winbond W79E4051A [SOP20], programming procedure bug fixed
- NAND flash devices - RBA table building bug fixed (all invalid blocks was mapped to chip-select 0)
- NAND flash devices: checking max. allowed number of invalid blocks in device on erase operation bug fixed
- NXP SE97, device ID check bug fixed
- Samsung K9WBG08U1M [TSOP48], Unexpected error 1 [IEC:3, D:02]! bug fixed
- Sharp LH28F128BFHT-PBTL [TSOP56], erase procedure improvement, bug in block unprotect fixed
- Spansion S29WS128NxxBFx01 [FBGA84], programming procedure bug fixed
- SST SST25VF064C [SOIC8], error "Unexpected error 1 [IEC:0, D:00]!" on BeeProg+ fixed
- STMicroelectronics M29W040B [TSOP32 8x20], ID check procedure bug fixed
- STMicroelectronics ST7FLITE29F2M (ICP OPT Enable), power-up procedure improvement
- STMicroelectronics ST7FLITE29F2M (ICP OPT Enable), erase procedure and programming procedure bugs fixed
- STMicroelectronics ST7FLITE39F2M (ICP OPT Enable), erase procedure bug fixed
- STMicroelectronics uPSD3234BV [TQFP80], BeeHive4 programmer wrong converter assign bug fixed
- Winbond W39Vxxx, programming bug fixed
- BGA-Bottom-201 (SVF/VME), pgm. parameters bug fixed