

AVR Studio 4.18 includes new device support and numerous overall enhancements;

QT600 support in programming dialog in AVR Studio, AVR Dragon support for all AVR 8-bit devices including XMEGA, Programming and debugging within AVR Studio, command line software support for ELF production file format, and button for starting AVR32 Studio.

[Download](#) (116 MB, updated 11/09)

[Homepage](#)

Release Notes:

Welcome to AVR Studio 4.18 Release Candidate 3 (10/2009)

The following (6) new parts have been added to AVR Studio since 4.17:

- ATmega64HVE, ATtiny461A, ATtiny20, ATtiny40 (Simulator support only), ATmega169PA, ATmega649P

New Features

QT600 support in programming dialog in AVR Studio

AVR Dragon support for all AVR 8-bit devices including XMEGA. Programming and debugging within AVR Studio and command line software support for ELF production file format.

Simulator 2 models for: ATxmega32A4, ATxmega16A4, ATxmega32D4, ATxmega16D4, ATtiny10(New revision), ATtiny9, ATtiny5, ATtiny4, ATmega32HVB, ATmega16HVB

ATmega64HVE, ATtiny20, ATtiny2313A, ATtiny4313, ATmega169PA

Added button for starting AVR32 Studio.

Bug Fixes

*Minor fix for un-installing USB driver. Will not completely un-install so that other programs using the Jungo driver will still work.

10397 - Timeout when debugging with AVR ONE! at 6 kHz

10147 - avrone.exe pops up messagebox for FW upgrade, warning is displayed instead.

9805 - TWI part descriptions broken for ATxmega parts in latest AVR Studio release

10387 - Xmega Erase Boot Section not working for ISPMkII

9847 - AVRDragon.exe -C:USB S/N parameter missing

8111 - Programming dialog does not set emulator mode X-Jtag for JTAGICE mkII/AVR Dragon

8251 - AVR Studio refuses to accept AVR Dragons with slave major version 3

9993 - xmega osccal calibration in avrone.exe

10234 - Incorrect information of daisy chain setup in help file

10498 - AVR ONE! node missing in ATtiny2313A XML

10505 - SPH register missing from tiny4313 part description file

10518 - DWbasePC is wrong in m649.xml

6828 - Bugs in ATtiny48 part description

9573 - Fuse view in does not show the RSTDSBL bit for xmega devices

10713 - RSTDISBL fuse description missing in XMEGA xml files

9961 - Simulator2: Single-stepping stops on skipped instruction after SBIC/SBIS instructions

10703 - Simulator 2: Single-stepping problem on xmega

10722 - Moving XMEGA breakpoints does not work, JTAGICE mkII, AVR ONE!

Note

Windows 95 is no longer supported by AVR Studio. The most recent version that supported Windows 95 was AVR Studio 4.12 SP3.

Windows 98 is no longer supported by AVR Studio. The most recent version that supported Windows 98 was AVR Studio 4.16 SP1.