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AVR Studio 3 and AVR Studio 4 programming tools and device support comparison sheet.

The following table lists the tools and device support for both AVR Studio 3 and 4. Use the table to select the right Integrated Developer Environment (IDE) for you. In general, if a tool or device is supported in AVR Studio 4, we recommend to use AVR Studio 4. Further development to the IDE will be focused on AVR Studio 4; the AVR Studio 3.X platform will be maintained to a lesser extent.

Please check the web page regularly for updates. The AVR Studio 4 will be upgraded frequently in the months to come.

| Feature | AVR Studio 3 | AVR Studio 4 |
|----------------------------|--|--|
| AVR Simulator part support | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 ATmega103 ATmega128 | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 ATmega103 ATmega128 |
| ICE50 Part Support | Not supported | ATmega128 ATmega32 ATmega16 ATmega8 |
| JTAGICE Part Support | ATmega128 ATmega323 ATmega16 | ATmega128 ATmega323 ATmega16 |
| ICE200 Part Support | ATtiny12 AT90S2313 AT90S2333/4433 AT90S4414/8515 AT90S4434/8535 | ATtiny12 AT90S2313 AT90S2333/4433 AT90S4414/8515 AT90S4434/8535 |

| | ATtiny11(using ATtiny12 adapter) AT90S1200 (using AT90S2313 adapter) | ATtiny11(using ATtiny12 adapter) AT90S1200 (using AT90S2313 adapter) |
|----------------------------|--|--|
| AVR Assembler Part Support | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 ATmega32 ATmega103 ATmega128 | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 ATmega32 ATmega103 ATmega128 |
| ICE10 Support | ATtiny11, ATtiny12, ATtiny15, ATtiny22, ATtiny28 AT90S1200, AT90S2313, AT90S/LS2323, AT90S/LS2343, AT90S/LS2333, AT90S/LS4433, AT90S4414, AT90S8515, AT90S/LS4434, AT90S/LS8535 | Will be supported in future releases |
| ICE30 Support | ATmega103 ATmega161 ATmega163 ATmega323 | Will be supported in future releases |
| ICEPRO Support | ATtiny11 ATtiny19 ATtiny22 ATtiny28 | Will require ICEPRO -> ICE10 upgrade. |

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| | AT90S2313 AT90S/LS2323 AT90S/LS2343 AT90S4414 AT90S8515 | |
| STK500 Support | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 | ATtiny11 ATtiny12 ATtiny15 ATtiny22 ATtiny28 AT90S1200 AT90S2313 AT90S2323 AT90S2333 AT90S2343 AT90S4414 AT90S4433 AT90S4434 AT90S8515 AT90S8535 ATmega8 ATmega16 ATmega161 ATmega163 ATmega323 |
| STK500 with STK501 Support | ATmega103 ATmega128 | ATmega103 ATmega128 |
| AVR ISP Support | ATtiny12 ATtiny15 ATtiny22 AT90S1200 AT90S2313 AT90S/LS2323 AT90S/LS2343 AT90S/LS2333 AT90S4414 AT90S/LS4433 AT90S/LS4434 AT90S8515 AT90S/LS8535 ATmega161(L) ATmega16(L) ATmega163(L) ATmega323 ATmega103(L) ATmega128(L) | ATtiny12 ATtiny15 ATtiny22 AT90S1200 AT90S2313 AT90S/LS2323 AT90S/LS2343 AT90S/LS2333 AT90S4414 AT90S/LS4433 AT90S/LS4434 AT90S8515 AT90S/LS8535 ATmega161(L) ATmega16(L) ATmega163(L) ATmega323 ATmega103(L) ATmega128(L) |