

*Supports all AVR devices with ISP or PDI interface, and certain 51 Devices *Programs both Flash and EEPROM *Supports Fuses and Lock Bit Programming *Based on AT AVRISP mkII firmware *upgradable to Support Future Devices *Adjustable ISP programming speed up to 8M frequency *USB 2.0 compliant (full speed, 12Mbps) *3 optional cables to target board *Powered from USB bus, does not require external power supply AT AVRISP mkII compliant - Compatible with AT AVR ISP, easy to use, stable and reliable Based on AT AVRISP mkII firmware - Identified as AVRISP mkII in AVRStudio, high speed programming Upgradable firmware - Firmware is upgradable to Support Future Devices - Automatic Upgrade Supported software - AVR Studio or WINAVR(GCC) is used as front-end software - Supports the program files generated by IAR, ICCAVR, CVAVR Device Support - USB AVRISP XPII supports all AVR devices with ISP and PDI Interface. Support for new devices will be added with new versions of AVR Studio. - Supports AT86RF401/AT89S51/AT89S52 Refer to AVRStudio 4.18 sp3 version, the following devices are supported: ISP Mega ATmega128 ATmega1280 ATmega1281 ATmega1284 ATmega1284P ATmega128A ATmega16 ATmega162 ATmega164A ATmega164P ATmega164PA ATmega165 ATmega165A ATmega165P ATmega168 ATmega168A ATmega168P ATmega168PA ATmega169 ATmega169A ATmega169P ATmega169PA ATmega16A ATmega16HVB ATmega16U2 ATmega16U4 ATmega2560 ATmega2561 ATmega32 ATmega324A ATmega324P ATmega324PA ATmega325 ATmega3250 ATmega3250A ATmega3250P ATmega325A ATmega325P ATmega328 ATmega328P ATmega329 ATmega3290 ATmega3290A ATmega3290P ATmega329A ATmega329P ATmega329PA ATmega32A ATmega32C1 ATmega32HVB ATmega32M1 ATmega32U2 ATmega32U4 ATmega32U6 ATmega48 ATmega48A ATmega48P ATmega48PA ATmega64 ATmega640 ATmega644 ATmega644A ATmega644P ATmega644PA ATmega645 ATmega6450 ATmega6450A ATmega6450P ATmega645A ATmega645P ATmega649 ATmega6490 ATmega6490A ATmega6490P ATmega649A ATmega649P ATmega64A ATmega64HVE ATmega8 ATmega8515 ATmega8535 ATmega88 ATmega88A ATmega88P ATmega88PA ATmega8A ATmega8HVD ATmega8U2 Tiny ATtiny12 ATtiny13 ATtiny13A ATtiny15 ATtiny167 ATtiny2313 ATtiny2313A ATtiny24 ATtiny24A ATtiny25 ATtiny26 ATtiny261 ATtiny261A ATtiny4313 ATtiny43U ATtiny44 ATtiny44A ATtiny45 ATtiny461 ATtiny461A ATtiny48 ATtiny84 ATtiny85 ATtiny861 ATtiny861A ATtiny88 Others AT90CAN128 AT90CAN32 AT90CAN64 AT90PWM2 AT90PWM216 AT90PWM2B AT90PWM3 AT90PWM316 AT90PWM3B AT90USB1286 AT90USB1287 AT90USB162 AT90USB646 AT90USB647 AT90USB82 PDI xmega ATxmega128A1 ATxmega128A1_revD ATxmega128A1U ATxmega128A3 ATxmega128D3 ATxmega16A4 ATxmega16D4 ATxmega192D3 ATxmega256A3 ATxmega256A3B ATxmega256D3 ATxmega32D4 ATxmega64A1 ATxmega64A3 ATxmega64D3 TPI Tiny ATtiny10 ATtiny20 ATtiny4 ATtiny40 ATtiny5 ATtiny9 *Supports all the different voltages and speed grade versions of the devices listed in the table above. Performance - High speed programs FLASH , EEPROM, Fuses, and Lock Bit - It takes only 2.5S to program a 12K program file with verification (programming speed was set to 1M while the Max speed could be up to 8M)