ChipProg-481

- Extremely fast! Programs and verifies 1GB NAND Flash memory device in 23 seconds !
- Supports parallel and serial Flash memory devices, EPROM, EEPROM, microcontrollers with embedded Flash and OTP memory and PAL/PALCE/GAL/PEEL/PLD devices
- 48-pin ZIF socket for all 6-DIP to 48-DIP devices - no additional adapters are required
- Supports in-system programming for the devices allowing the ISP (ICP) mode via special cables-adapters
- Communicates to a PC via a USB 2.0 compatible port
- Works under control of Windows 2000/NT/XP/Vista/7/8. Easy-to-use and intuitive user interface
- Allows to work in a multi-programmer mode - unlimited number of ChipProg units can be driven from one computer
- Supports all popular formats: Intel HEX, Binary, Motorola S-format, POF, JEDEC, PRG, ASCII Hex & Octal
- Precise adjustment of Vpp and other parameters via the software settings
- Embedded script language for automation of routine operations
- Serialization of programmed devices by writing a serial number into a specified target memory location
- Calculation of checksum with capability to write it into a specified target memory location
- A unique signature can be written into a specified target memory location
- Advanced self-diagnostics that check reliable target device contact in the programming socket
- Incorrect device insertion check and overcurrent protection; automatically detects bad contacts before starting any operation

ChipProg-G41

- Extremely fast! Programs and verifies programming of 1Gb NAND flash memory device in 23 seconds
- Ideal for working with large density NAND and NOR flash memory devices.
- Based on four concurrently working ChipProg-481 programmers
- Supports parallel & serial EPROM & EEPROM; microcontrollers, and PAL/PALCE/GAL/PEEL/PLD devices
- 48-pin ZIF socket for all 6-DIP to 48-DIP devices - no additional adapters are required
- Supports in-system programming for the devices allowing the ISP (ICP) mode via special cables-adapters
- Communicates to a PC via a USB 2.0 compatible port
- Works under Windows 2000/NT/XP/Vista/7/8. Easy-to-use and intuitive user interface
- Can be controlled from a host computer or remotely via a special Application Control Interface (ACI)
- Each socket has its own 'Start' button for fast manual operations programmable to execute a single operation or a batch of commands
- Supports all popular formats: Intel HEX, Binary, Motorola S-format, POF, JEDEC, PRG, ASCII Hex & Octal
- Precise adjustment of Vpp and other parameters via the software settings
- Embedded script language for automation of routine operations
- Serialization of programmed devices by writing a serial number into a specified target memory location
- Calculation of checksum with capability to write it into a specified target memory location
- A unique signature can be written into a specified target memory location
- Advanced self-diagnostics that check reliable target device contact in the programming socket
- Incorrect device insertion check and overcurrent protection; automatically detects bad contacts before starting any operation
- Has a built-in universal 110-240VAC power adapter; US, European, UK and Australian power cables are available

ChipProg-ISP

- In-system programming for a variety of embedded microcontrollers, serial EEPROM and flash memory devices
- Communicates to a PC via a USB 2.0 compatible port
- Multiple ChipProg-ISP chip programmers can be driven from one computer or via a USB active hub
- USB Powered
- Has a standard 14-pin connector for plugging changeable ISP cables connecting to target
- Works under Windows 2000/NT/XP/Vista/7/8. Easy-to-use and intuitive user interface
- Programming Voltage and other parameters can be precisely adjusted via software settings
- Supports all popular formats: Intel HEX, Binary, Motorola S-format, POF, JEDEC, PRG, ASCII Hex & Octal
- Palm size tool - 4" x 2½" x 1" (100 x 70 x 25 mm)
- Splits files to multiple images
- Embedded script language for automation of routine operations
- Serialization of programmed devices by writing a serial number into a specified target memory location
- Calculation of checksum with capability to write it into a specified target memory location
- A unique signature can be written into a specified target memory location
- Advanced self-diagnostics that check reliable target device contact through the ISP programming cable
- Incorrect device connection check and overcurrent protection

ChipProg-48

- Supports parallel & serial Flash memory devices, EPROM, EEPROM, microcontrollers with embedded Flash and OTP memory and PAL/PALCE/GAL/PEEL/PLD devices
- 48-pin ZIF socket for all 6-DIP to 48-DIP devices - no additional adapters are required
- Optional adapters available for PLCC, SOIC, SSOP, QFP, BGA, QFN, SON and other packages
- Very fast operations - programs a 64 MBit NOR flash memory in less than 50 seconds
- Supports in-system programming of devices allowing ISP (ICP) mode via special cable adapters.
- Communicates to a PC via a USB 2.0 compatible port
- Supports all popular formats: Intel HEX, Binary, Motorola S-format, POF, JEDEC, PRG, ASCII Hex & Octal
- Works under Windows® 9x/2000/NT/XP/Vista/7. Allows multi-programmer mode - unlimited number of ChipProg units can be driven from one computer
- Programming Voltage and other parameters can be precisely adjusted via software settings
- Embedded script language for automation of routine operations
- Serialization of programmed devices by writing a serial number into a specified target memory location
- Calculation of checksum with capability to write it into a specified target memory location
- A unique signature can be written into a specified target memory location
- Advanced self-diagnostics that check reliable target device contact in the programming socket
- Incorrect device insertion check and overcurrent protection; automatically detects bad contacts before starting any operation
- Very small – 6.25" x 3.75" x 1" (160 x 90 x 25 mm)

USBISP

The ISP programmer unit to program AVR™ microcontrollers

- Can program all AVR™ microcontrollers with ISP interface
- High speed programming
- Standard USB interface
- Correct voltage from 1.8 to 6 V

- Compatible with software BASCOM-AVR
- Protection diodes for the USB power supply
- Industry standard 10-pin connection header for ISP
- Internal or external power supply can be used for the target system

ATAVRISP2

AVR In-System Programmer mkII is used for field upgrades of AVR™ Flash microcontrollers. The AVRISP mkII combined with AVR Studio can program new AVR™ 8-bit RISC microcontrollers with ISP Interface. The AVR Studio online-help contains the most current information and a complete list of supported devices.