

The ucFlashplus Programmer is an affordable, reliable, and fast programmer for MCS51 /AVR Microcontrollers and 24Cxx I²C EEPROMs. The programmer is designed to operate with the Intel Pentium-based IBM-compatible desktop computers. The menu-driven software interface makes it easy to operate.

Hardware Features

- Single 40 Pin ZIF for 8 to 40 Pin Devices.
- RS232 Serial Port Interface.
- Programmer firmware update through computer.
- ISP programming supported.

Software Features

- Works on Win Xp Operating System.
- User-friendly interfaces with pull-down menus, pop-up dialogue box and help.
- Device insertion test.
- Support all operations, such as read, blank check, erase, program, secure, & verify.
- Easy to use integrated HEX Editor on main software window.
- Supports Intel (linear & segmented) HEX (INHx8M).
- Auto Batch Program function for faster programming i.e. Mass Production mode.
- Automatic device identification before programming.
- Support for programming only a selected memory in the microcontroller e.g. Data memory or Fuse Bits.

Devices supported

AT89C1051	AT89S52	ATMEGA8515	I ² C EEPROMs
AT89C2051	AT89S53	ATMEGA8515L	AT24C00
AT89C4051	AT89S8252	ATMEGA8535*	AT24C01
AT89C51	AT89S8253	ATMEGA8535L*	AT24C02
AT89C51-5	ATMEGA128*	ATTINY11	AT24C04
AT89C52	ATMEGA128L*	ATTINY11L	AT24C08
AT89C52-5	ATMEGA8*	ATTINY12	AT24C16
AT89C55	ATMEGA8L*	ATTINY12L	AT24C32
AT89C55-5	ATMEGA16*	ATTINY12V	AT24C64
AT89C55WD	ATMEGA16L*	ATTINY13	AT24C128
AT89LS51	ATMEGA32*	ATTINY13V	AT24C256
AT89LS52	ATMEGA32L*	ATTINY15	AT24C512
AT89LV51	ATMEGA162	ATTINY15L	AT24C1024
AT89LV52	ATMEGA162L	ATTINY2313	
AT89LV55	ATMEGA162U	ATTINY2313V	
AT89S51	ATMEGA162V	*via ISP only	

Specifications

- Programmer dimensions : 105mm L x 130mm W x 25mm H
- Power supply : Input AC 100 to 240V, Output : DC 14.5V/150mA.
- Weight : 375 gms
- 1 year limited warranty.

Software update

Free software updates available via web at www.ucmicrosys.com

Programmer Package Contents

- Standard package contains the following :
- A programmer
 - Serial cable, 10Pin FRC F-F cable for ISP
 - An AC adapter
 - Installation software CD
 - Registration card

System Requirements

The minimum requirements are as follows:

- A PC, IBM or compatible, desktop or laptop, with one Serial port.
- Win Xp
- CD-ROM driver
- Hard disk of at least 100MB of spare capacity

