StarProg-U

Engineering Universal IC Programmer

StarProg-U

A universal engineering IC programmer supports a variety of IC on the market, like EEPROM, SPI NOR/ NAND Flash, Parallel NOR/NAND Flash, eMMC/ eMCP, MCU, etc. Powered by USB port and does not need external power. StarProg-U provides users Command Line for software redevelopment. Palm size and space saving. Whether engineering development or low volume production, Starprog-U offers user the best solution.

Features

● **High programming speed**

Built in high speed processor to achieve high programming speed
Timing reference (P+V)

MX25L1655D	8.5s	S29GL064S	16.4s
S34ML01G200T	44s	STM32F302CCT	14.4s

● **Support all Flash IC and packages**

1. Support EEPROM, SPI NOR/NAND Flash, Parallel NOR/ NAND Flash, MCU, eMMC/eMCP, CPLD, FPGA, etc.
2. Support DIP, SOP, SSOP, TSOP, PLCC, QFN, LQFP, BGA package, etc.
3. Regular device update

● **Support a variety of file formats**

Binary, Intel Hex, Motorola, ROM, etc

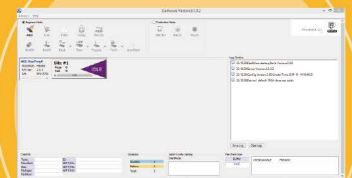● **Support 1.8V low voltage IC**

● **Provide Command Line**

User can use 3rd party software to control the programmer through Windows command line

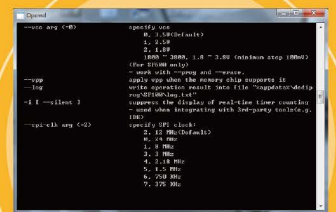● **Powered by USB port, need no external power**

● **Unlimited number of StarProg-U can be driven by 1PC**

Multiple StarProg-U

Window GUI

Command Line

Hardware

Architecture	ARM and FPGA architecture with high density SDRAM
Programming Interface	Socket adaptor
IC Adaptor	DIP, SOP, SSOP, TSOP, PLCC, QFN, LQFP, BGA, etc
Communication Interface	High speed USB 2.0
External Memory Card	8 GB micro-SD card
Operation Interface	Busy/Pass/Error LED, Start key
Hardware Protection	Overcurrent and ESD protections
Vcc	1.6~5V
Current limitation on Vcc	~300mA
Vpp	1.6~12V
Current limitation on Vpp	~100mA

Supported IC

EEPROM, SPI NOR/NAND Flash, Parallel NOR/NAND Flash, MCU, eMMC/eMCP, CPLD, FPGA, etc

Software

Operation Software	Dediware
OS Supporting	Windows XP / Vista / 7 /8 / 8.1 / 10
File Type Supported	Binary, Intel Hex, Motorola, ROM, etc.
Programming Function	Contact Testing, Blank Check, Erase, Program, Verify, Option/Protection.
Extra Function	Multiple Starprog-U, serial number and Unique key (ex. HDCP) programming.

Power

USB 5V or DC 5V/2A

Dimension

135mm*75mm*17mm

Weight

101g

Standard Accessories

1. Starprog-U Main Unit*1
2. USB Cable *1
3. CD-ROM (Include Dediware Software and user manual) *1
4. Power Adaptor*1
5. 8 GB SD card*1