

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 detailed 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 detailed Command Line**

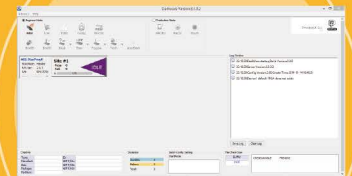
User can use 3rd party software to control the programmer through Windows command line

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

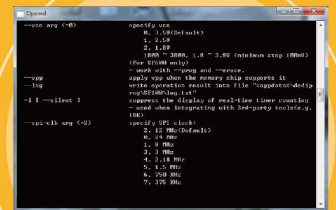
- **Unlimited number of StarProg-U can be driven by 1PC**



Multiple StarProg-U



Window GUI



Detailed Command Line



**Dediprog
Technology**

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StarProg-U

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Specification

Hardware

Architecture
Programming Interface
IC Adaptor
Communication Interface
External Memory Card
Operation Interface
Hardware Protection
Vcc
Current limitation on Vcc
Vpp
Current limitation on Vpp

ARM and FPGA architecture with high density SDRAM

Socket adaptor

DIP, SOP, SSOP, TSOP, PLCC, QFN, LQFP, BGA, etc

High speed USB 2.0

4GB micro-SD card

Busy/Pass/Error LED, Start key

Overcurrent and ESD protections

1.6~5V

~300mA

1.6~12V

~100mA

Supported IC

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

Software

Operation Software
OS Supporting
File Type Supported
Programming Function
Extra Function

Dediware

Windows XP / Vista / 7 / 8 / 8.1 / 10

Binary, Intel Hex, Motorola, ROM, etc.

Contact Testing, Blank Check, Erase, Program, Verify, Option/Protection

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. 4GB SD card*1

