StarProg Series Engineering Programmer User Manual

Version 3.0



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Important notice:

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I. General Description

This user manual mainly describes the hardware features of StarProg Series. For further information and documents, please visit our website: <u>http://www.dediprog.com/download</u>

II.Product Information

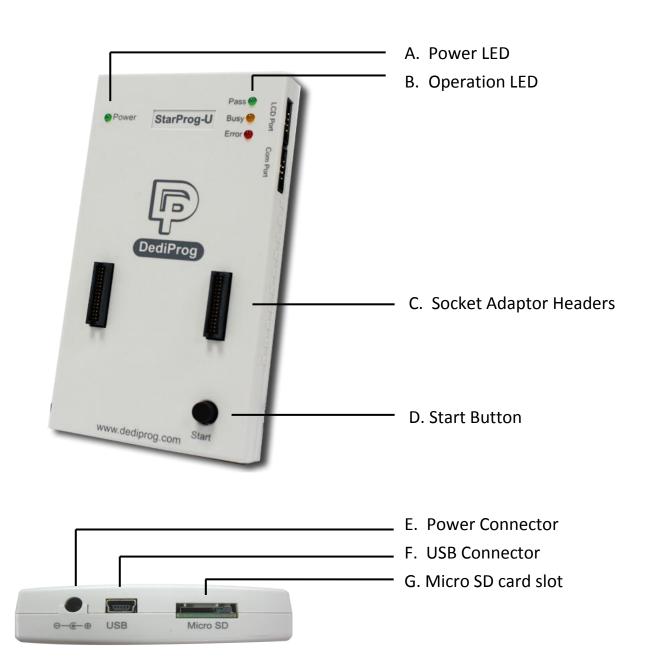
Programmer Features	StarProg-U	StarProg-F
IC Support	Universal	EEPROM/FLASH/eMMC/eMCP
Mini USB port	v	V
Socket adaptor connector	v	V
Power/Pass/Busy/Error LED	v	V
Start button	v	٧
Multiple programmers	v	V

III.System Requirements

CPU:	P4 or above
OS:	Win XP or above
USB Port:	USB 2.0
Free Disk Space:	At least 1GB
CD Rom:	Necessary



IV. Hardware Description





A. Power LED

Power LED shines when StarProg series is powered by USB or power adaptor.

B. Operation LED

Red LED: Error, the programming fail or verify error.

Yellow LED: Busy, operation on going.

Green LED: Pass, the programming successful.

C. Socket Adaptor Headers

Socket adaptor headers are used to connect to different socket adaptors provided by Dediprog in order to support all package types.

D. Start Button

By pressing the start button, the StarProg series can do the batch function.

E. Power Connector

Connect power adaptor to StarProg series when executing stand-alone programming. USB can also be used as power source during stand-alone programming.

F. USB Connector

USB connector is used to communicate with the Dediware software during the USB mode and provide the power source.

G. Micro SD card slot

Placed the Micro SD card when used production mode.

X Note : Please ensure placed the SD card when multiple programmers connection or select production mode.



V. Quick User Guide

5.1 Software Installation

1. Install Dediware software



2. After installation, **DediProg** icon will appears on desktop.







5.2 StarProg Setup

- 1. Connect StarProg to PC
- 2. Placed socket adaptor to StarProg programmer
- 3. Put IC on socket adaptor.

5.3 Dediware Software Setting

1. Double click DediProg icon to open Dediware software.



2. Click OK





3. Select IC brand and IC part number.

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4. Load the programming file.

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5. Set programming procedure

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	StartMode	Start from auto Detection	12

6. Start programming

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Advance Help	
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X Note : Please ensure placed the SD card when production mode.

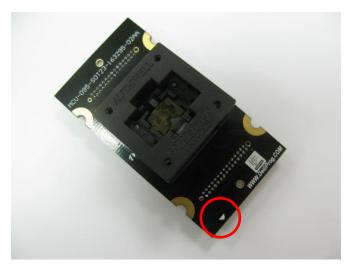




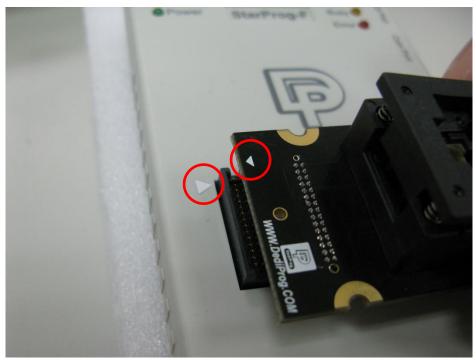
VI. Appendix

How to connect the socket adaptor to DediProg programmers?

The new socket adaptor has a white triangle marker on the left and lower side of the socket.



To avoided plugging the wrong direction to the programmer. Ensure the triangles of the socket and StarProg-F/U are alignment.





VII. Revision History

Date	Version	Changes
09/11/13	1.0	First release
04/30/14	1.1	Supplement the socket adaptor plugging direction
07/25/14	2.0	Dediware software new version released
12/26/14	3.0	 Modify the Dediware UI Deleted the offline programming function Add Production mode information

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