Guid **Quick User (**

Standard Accessories

Leaper-48 main unit x1, USB cable x1, DC 12V/2A adaptor x1, Operation software CD-ROM x1. Quick User Guide x1



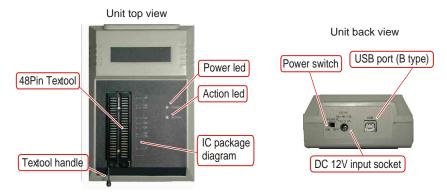


Adaptor



USB cable

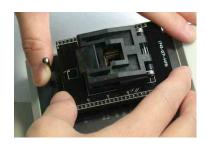
Introduction



Attention

- 1. It is preferred to use an internal USB port of your PC. External USB ports are not recommended because of shared bandwidth and possible compatibility issues of other USB devices.
- 2. When you use special socket adapters (PLCC, TSOP, SOP...), Please pull the textool up to 80. Put the special socket adapter in the textool and then pull the handle down to fix the socket adapter.





Install software and driver

- 1. Set Font Size to [small fonts] (96 dpi) to have the optimal display.
 - 1.1 Click the right button on the desktop. -> Select the [Properties] in the bottom of the function menu.
 - 1.2 Select [Settings] and then click the [Advanced] to set Font Size.
- 2. Install the software before connecting the Leaper-48 to the PC.
 - 2.1 Insert the software CD into your CD-ROM drive. Auto Run start-up installation. Follow the instructions to complete installation.
 - 2.2 If Auto Run doesn't work, click [Setup.exe] in the CD directory to install.
- 3. Install the driver of Leaper-48 hardware.
 - 3.1 Make sure the Leaper-48 power is [OFF]. Connect the power adaptor to the Leaper-48. Plug in and then turn on the power. The green led on the adaptor and power led on the programmer panel will be lit on.
 - 3.2 Link the USB cable to PC USB port and programmer USB port.
 - 3.3 After assembling the USB cable and the power adaptor, Windows will auto start-up [Found New Hardware Wizard].
 - 3.4 Install Hardware Device Driver
 - -> Search for a suitable driver for my device(recommended)
 - 3.5 Locate driver files Optional search locations
 - -> CD-ROM driver
 - 3.6 Driver Files Search Result
 - -> Windows found a driver for this device....\driver\usbwriter.inf
 - 3.7 Completing the Found New Hardware Wizard







[3.3]



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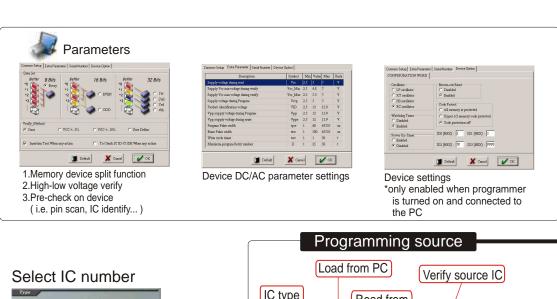
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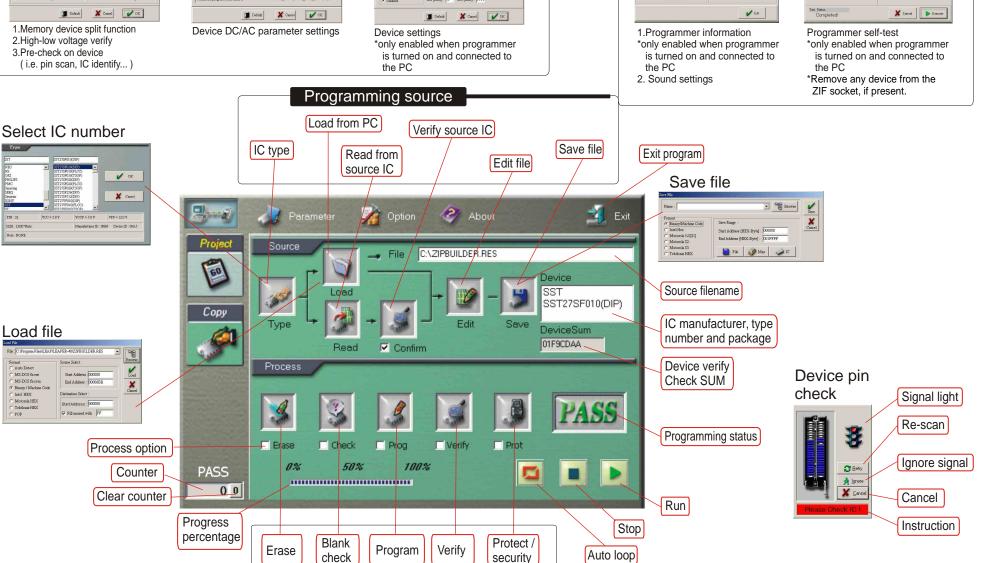


[3.6]

* Above installation is described in Windows 2000 *

[3.7]





Program process & options

MOptions

← Effect Mode ← Easy Mode

Pass Fail

Machine Name : Icwww

SoftWare Version: 0.914

▶ Connect

Selftest Ver 1.0

WHO OFF : PASS

Voc ON :-PASS-

Vec PIN : PASS-

Pull-High: PASS-

Logic IN : PASS

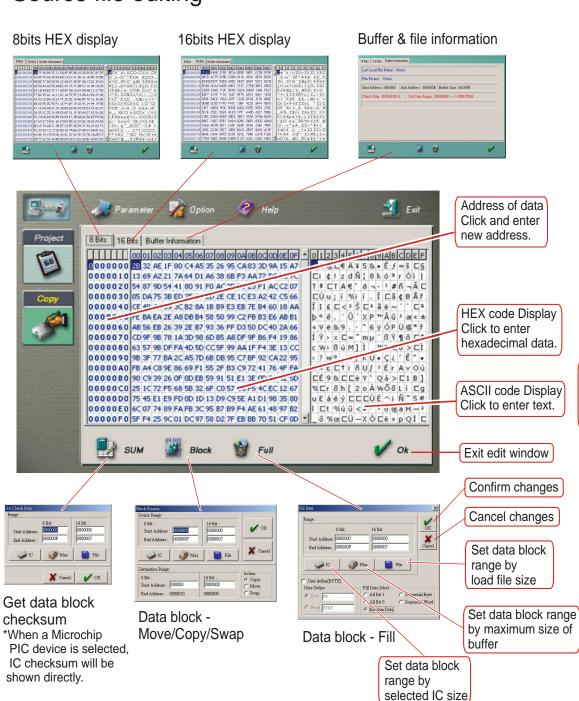
GND ON :- PASS

GND PIN : PASS

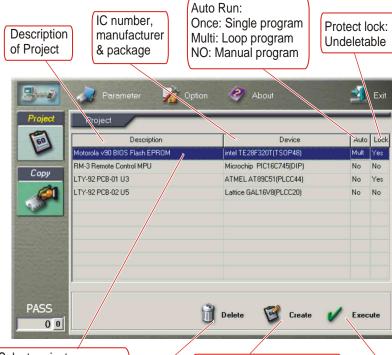
Vpp DFF : PASS-

Guide **Quick User**

Source file editing



Project



Select project

Double click to run the project.
Single click to select the project.
Click right button to display properties
of the project. Double click blank
row to create a new project.

Delete Create new project with pres

project

Create new project with present settings.
Only reserve for 10 records. Or the project keeper will delete the un-protect and former file (on the top row).

Execute

Project

Hot Key



Click [Space] bar in the main operation screen to pop Hot Key menu.



How to create a project —

Step 1 Create a Project 1.Click [Project] icon.

2.Click [Create] button to start up the project editing window./ Double click blank column to create a

new project. 3.Enter project description.

4.Select [Auto loop] parameter: Once/ Batch/Manual.

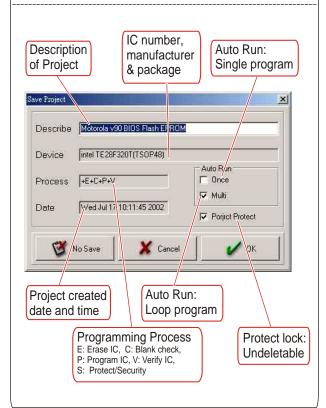
5.Select [Project Protect] to protect project.

6.Click [OK] to save the project or click [Cancel] to discard any changes.









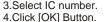
1 How to program an IC

Step 1 Select IC number

1.Click [Type] icon.

2. Select IC manufacturer.

3.Select IC number.







Step 2 Get source data

Mode 1: Load from file

1.Click [Load] icon.

2.Click [Browse] to load file. 3.Set file format.

4.Click [Load] button to read data.

Mode 2: Read from source IC 1.Place source IC.

2.Click [Read] icon.

Step 3

>Start to read and verify IC.

3. Check status and checksum

(3) WAIT PASS FAIL

Program IC



Mode 1:Program single IC 1.Select process options.

2.Place target IC. 3.Click [Run] icon.

>Process IC with selected options.

4. Check process status.

PASS FAIL

1 Process option

(4)

WAIT

Mode 2: Program batch of ICs

1. Select process option.

2.Place target IC.

3.Click [Auto Loop] icon.

>Process IC with selected options.

4. Check process status.

>Waiting for placement of the next target IC.

5. Repeat above steps for the next IC.

6.Click [Cancel] icon on Scan IC Window to stop process.



Place target IC





Check IC location

the IC check and process the next IC Click to stop

Click to ignore

Auto Loop

the batch programming

Step 1 Execute Project

1.Click [Project] icon.

a new project.

2. Dubble click to run project or click right button to check the properties of the project.

Double click blank column to create



T

(1)



Method1: One time auto-program

1.Place target IC.

>Process IC with project options.

2.Check process status.



Place target IC

Method 2: Loop auto-program

1.Place target IC.

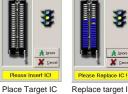
>Process IC with project options.

2.Check process status.

3. Repeat above steps for the next IC.

4.Click [Cancel] botton to stop programming.











the batchprogram

Method 3: Manual program

1.Place target IC

2.Click [Run] icon. >Process IC with project options.

3. Check process status.





