

## UTILITY 28FxxxJx.exe

Version 02.07.2007 – initial release

Version 18.11.2010 – detect EZoFlash4v5 HW version

Download: <http://www.ezoflash.com/downloads/software/28FxxxJx.exe>

Functionality – unlock protected blocks

Supported programmers – EZoFlash4v4, EZoFlash4v5 (Jp97mode)

Supported chips –

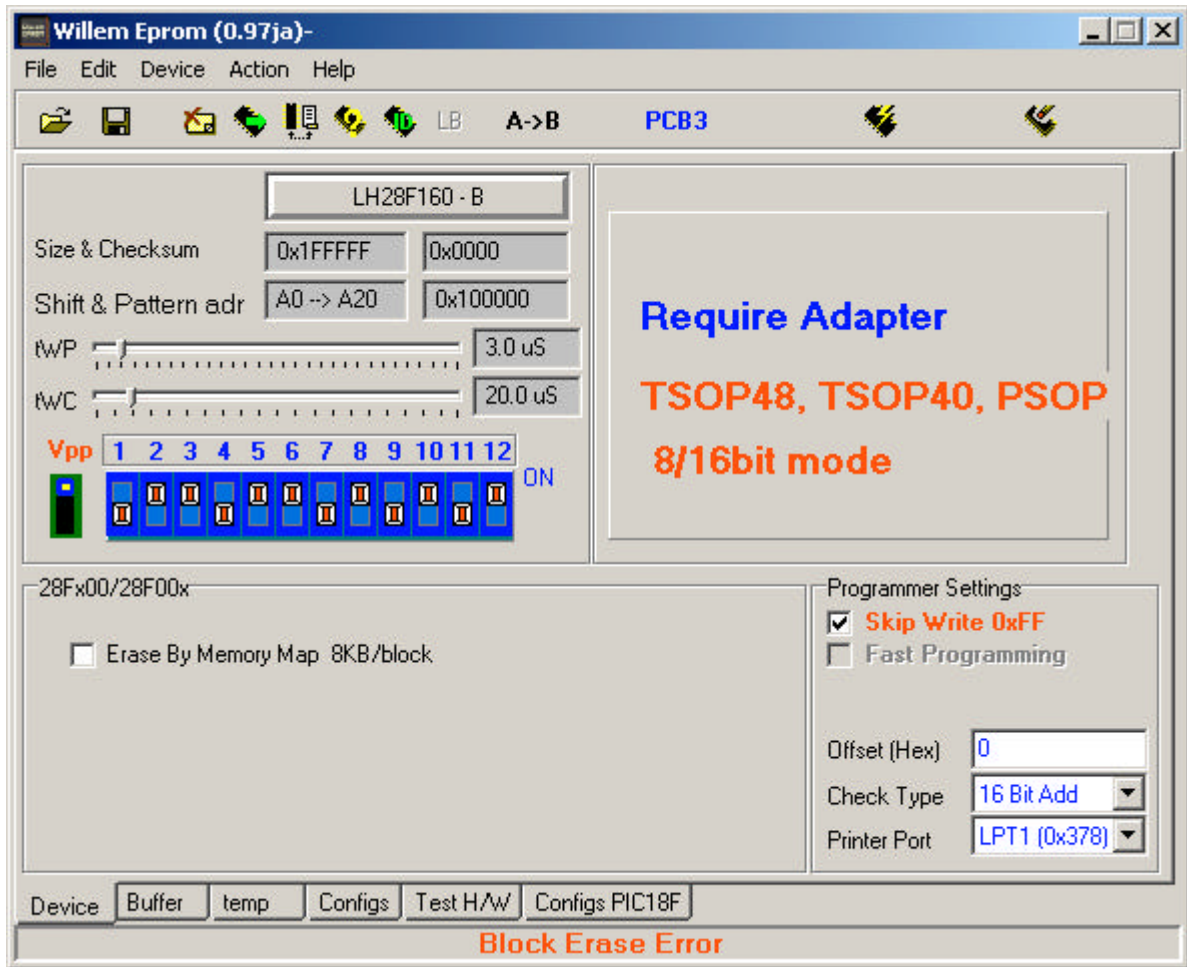
Intel 28F320J5, 28F640J5, 28F320J3, 28F640J3, 28F128J3,

ST Micro M58LW032D, M58LW064D

Adapters – TSOP-56\_A1, SSOP-56\_A3

Problem – Willem software can't erase protected block.

Action Erase return *Block Erase Error*



Set programmer and adapter jumpers. Select first 16Mb block, set jumpers Jp9,Jp10,(Jp11)

Run utility 28FxxxJx.exe

Enter “c ” to clear all memory Block Lock Bits .

Other functionality:

1. Detect programmer
2. Return Manufacturer and Device ID , memory type.
3. Read first 1kb chip content within 16Mb block according adapter jumpers Jp9/10/11 settings .
4. Read CFI Query. Refer to memory chip datasheet, CFI Query Mode.
5. Read Block Query within 16Mb block according adapter jumpers Jp9/10/11 settings .  
Query block adress result 00 – block unlocked, 01 – block locked.  
Change jumpers to get block query results for other 16Mb parts of memory chip.
6. Enter “ b ” to lock first block within 16Mb block according adapter jumpers Jp9/10/11 settings.
7. Exit, enter “ x ”

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D:\My_project\Project_OK3\28FxxxJx\bin\28FxxxJx.exe
EZoFlash4v5 detected !

Device ID
8/16bit [00]=0x89; [01]=0x15 Intel 28F640J5

Read Array Mode <first 1kb>
0x00: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x10: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x20: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x30: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x40: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x50: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x60: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x70: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

CFI Query Mode
0x00: 89 15 00 00 00 00 00 00 00 00 00 00 00 00 00
0x10: 51 52 59 01 00 31 00 00 00 00 00 45 55 00 07
0x20: 07 0A 00 04 04 04 00 17 02 00 05 00 01 3F 00
0x30: 02 50 52 49 31 31 0A 00 00 00 01 01 00 50 00
0x40: 89 15 00 00 00 00 00 00 00 00 00 00 00 00 00

Block Query within 16Mb <01-block locked>
[1] 0x00: 00
[2] 0x20000: 00
[3] 0x40000: 00
[4] 0x60000: 00
[5] 0x80000: 00
[6] 0xA0000: 00
[7] 0xC0000: 00
[8] 0xE0000: 00
[9] 0x100000: 00
[10] 0x120000: 00
[11] 0x140000: 00
[12] 0x160000: 00
[13] 0x180000: 00
[14] 0x1A0000: 00
[15] 0x1C0000: 00
[16] 0x1E0000: 00

Clear Block Lock Bits - enter 'c'
Set 1.Block Lock Bit - enter 'b'
Exit - enter 'x'

-
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D:\My_project\Project_OK3\28FxxxJx\bin\28FxxxJx.exe
Clear Block Lock Bits - enter 'c'
Set 1.Block Lock Bit - enter 'b'
Exit - enter 'x'

b

Set Block Lock Bit. Please wait...

Block Query within 16Mb <01-block locked>
[1] 0x00: 01
[2] 0x20000: 00
[3] 0x40000: 00
[4] 0x60000: 00
[5] 0x80000: 00
[6] 0xA0000: 00
[7] 0xC0000: 00
[8] 0xE0000: 00
[9] 0x100000: 00
[10] 0x120000: 00
[11] 0x140000: 00
[12] 0x160000: 00
[13] 0x180000: 00
[14] 0x1A0000: 00
[15] 0x1C0000: 00
[16] 0x1E0000: 00

Clear Block Lock Bits - enter 'c'
Set 1.Block Lock Bit - enter 'b'
Exit - enter 'x'

c

Clear All Block Lock Bits. Please wait...

Block Query within 16Mb <01-block locked>
[1] 0x00: 00
[2] 0x20000: 00
[3] 0x40000: 00
[4] 0x60000: 00
[5] 0x80000: 00
[6] 0xA0000: 00
[7] 0xC0000: 00
[8] 0xE0000: 00
[9] 0x100000: 00
[10] 0x120000: 00
[11] 0x140000: 00
[12] 0x160000: 00
[13] 0x180000: 00
[14] 0x1A0000: 00
[15] 0x1C0000: 00
[16] 0x1E0000: 00

Press any key to continue . . . _
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