PICAsm

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COLLABORATORS

	TITLE : PICAsm		
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REVISION HISTORY

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Contents

Chapter 1

PICAsm

1.1 PICProgger84 Manual

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      PICProgger84 guide
                    Version 1.1b

             A Pic Cross Assembler
              for Amiga Computers

             by Joannis Petroglou

                  14.12.97
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PICProgger84 is an simple 16c84 programmer for Amiga parallel Port. The hardware ←
    allows
"in circuit" programming.

See SimpleProgger.pic for schematic.

if any shell parameter given, no GUI will appear.
PICProgger84 Shell parameters:

FN= or FILENAME= Set the path&name of the INH8M file to be loaded or written
A= or AREA=   Set device area to access (PROGRAM, DATA or BOTH)
NC or NOCONFIG   deactivates the automatic config writing done by any write (←
    PROGRAM or DATA) access

W,R,V or WRITEPIC,READPIC,VERIFYPIC
      Set the Action to do.

  W or WRITEPIC do this:
  ====================================
    - load the file given by FN in to RAM
    - read out the PIC configuration and checks for
      Codeprotection. If CP set, the progger deactived it.
      (WARNING!: The deactivation of the CP also cleares the PROGRAM & DATA area ←
          of the PIC !)

     – programming PIC (only Program area! Use AREA command to change this)
       the Programming uses a READ,PROGRAM,VERIFY method.
     – configuration programming (use NC option to write no config.)

  R or READPIC
  ====================================
     – read out PIC program area
       (use AREA option to change area)
     – write contents into hexfile, given by the FN option

  V or VERIFYPIC
  ====================================
     – load the file given by FN in to RAM
     – read out PIC program area and compares it with RAM contents.
       (use AREA option to change area)

Some examples:

1) Load the contens of the file ram:test.hex in to PIC Program area and set PIC ↩
   config.
   "PICRPROGGER84 fn=ram:test.hex W"

2) Program DATA & PROGRAM area but doesn't set PIC configuration
   "PICRPROGGER84 fn=ram:test.hex A=BOTH NC"

3) Read out PIC Data area and write it into file MYDATA.hex
   "PICPROGGER84 fn=MYDATA.hex A=DATA R"