

# **FlashTools3 Script Interpreter**

**Version: preliminary**

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>

## **Connect**

### Syntax:

CONNECT Mode Module

Mode :     Master             (internal Flash Master Mode)  
          Slave             (internal Flash Slave Mode)  
          EXTERNSSST        (external SST-Flash)  
          EXTERNAMD         (external AMD-Flash)

Module:    Path to Module Ini File in „“. The path could be either absolute or relative.

e.g. the module directory is

C:\Programs\Phytec\FIashTools3\Target\miniMODUL\miniMODUL-167\MODE1

⇒ relative Path is

„miniMODUL\miniMODUL-167\MODE1“,

assuming that the Scriptinterpreter.exe is in directory

C:\Programs\Phytec\FIashTools3

⇒ absolute Path is

„C:\Programs\Phytec\FIashTools3\Target\miniMODUL\miniMODUL-167\MODE1“

The directory name is not case sensitive.

## Disconnect

DISCONNECT Mode Startaddress

Mode (optional) :	SWRESET	Disconnect and Software Rese
	HWRESET	Disconnect and Hardware Reset
	JUMP	Disconnect and jump to address

Modes SWRESET and HWRESET will only work with modules that support this feature.

Startaddress: Address to jump to after disconnect. This is only needed, when Mode = JUMP

To avoid errors, this command is necessary at the end of each scriptfile.

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>

## **LoadHex**

### LOADHEX Filename

Filename : Path and name of File to load. The path could be either absolute or relative.

e.g. the path is

C:\Programs\Phytec\FlashTools3\Download\test.h86

⇒ relative Path is

„Download\test.h86“, assuming that the  
Scriptinterpreter.exe is in directory  
C:\Programs\Phytec\FlashTools3

⇒ absolute Path is „C:\Programs\Phytec\FlashTools3\  
Download\test.h86“

This command will load a file in the internal DLL buffer. The type of the file will be determined by the filename extension. Hex files will be recognised by the extension .h86 and .hex. All other files will be treated as binary.

## EraseSector

ERASESECTOR StartSector EndSector

This command will erase all sectors between StartSector and EndSector (including Start and End).

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>

## **EraseChip**

### ERASECHIP

This command will erase the whole flash. This is only possible with flashes that have no software protected sector(s).

## Download

### DOWNLOAD Mode

Mode :     ERASECHIP     Erase chip before programming  
          ERASENEEDEDSECTORS     Erase all sectors needed  
                                  by the file before programming

This command will download a file into flash memory. The file had to be loaded before with the LoadHex command.

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>



## **SelectBank**

SLECTBANK bank

This command changes the bank settings. This will only effect the download command.

## Update

This command will update an existing firmware in Bank 0. This command removes the software protection of Bank 0, switches to this bank, erases it and programs the loaded hex file in Bank 0.

Please be very careful using this command because wrong usage might result in loss of the pre-programmed firmware in Bank 0, which makes the module unusable.

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>

## **Message**

MESSAGE Message

This will display the text “message” in a message box with an OK button.

## Enable

### ENABLE Mode

- Mode:
- VERBOSE: A dialog is shown for each operation. (default = enabled).
  - CANCEL: Enables the cancel button on the “Verbose” dialog (default = enabled). “Verbose” must be enabled to have any effect.

The “Enable” command can be used at any time in the script file for enabling output dialogs only for some special commands, or enabling the cancel button only for some commands.

**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>



**PHYTEC**

Published by

---

© PHYTEC Technologie Holding AG 2003

Europe: Support Hotline: +49 (6131) 9221-31 • <http://www.phytec.de>

North America: Support Hotline: + 1-800-278-9913 • <http://www.phytec.com>