

Command Line Usage

All command line options may begin with + or -. Windows users may use / to start an option and Linux users may use \. The leading char is optional if a = appears in the option. In any case the choice of leading char has no effect on the operation.

The following options specify operational settings that may be used in all modes the software runs in:

@filename	Reads additional command line directives from the indicated file
filename	Sets the current working filename
AREAS=pcdc AREAS=ALL	Specifies the areas to write, read or erase. Any combination of P,D and C may be used for Program, Data and Configuration. For example; AREAS=PC
DEBUGLOG	Starts a diagnostic debug log file to help solve problems.
DEVICE=name	Sets the current working device name (target)
DIR=name	Sets the working directory. Filenames will be relative to this directory and this is the directory used in the production window.
? Help Help = Browser	Brings up the Help File. In Linux the Mozilla Browser is used to another browser specify the name here.
MODE=BULK_ERASE MODE=MIN_ERASE	Either erase the entire area or only what is needed for write operations.
MODE=CHECKSUM_CONFIG MODE=NO_CHECKSUM_CONFIG	When enabled the checksum shown on the screen will include the configuration memory. This is done using the Microchip algorithm where certain bits are not included in the checksum.
MODE=ERASE_ON_ERROR MODE=NO_ERASE_ON_ERROR	When enabled the chip is erased after programming fails. This takes more time however the protect configuration fuse is not written.
MODE=SOUND	

When running the CCSLOAD program the following command options will prevent the normal user interface from coming up and instead a pop-up window will appear showing progress and results. Commands are executed in order and settings may change between commands. These commands are all valid in the CCSLOADER programs as well.

The following command are provided for compatibility with previous software versions:

1	POWER=ICSP
2	POWER=TARGET
S	PORT=COM*
SX	PORT=COMx
U	PORT=USB*
Uxxxx	PORT=USBxxxx
RAfilename	AREAS=PDC READ=filename
RDfilename	AREAS=D READ=filename
Tfilename	WRITE=filename +RUN
WS	WINDOW=PRODUCTION
WC	WINDOW=DEVICE
+ICSP	POWER=TARGET
+ICSP_VDD	POWER=ICSP
+ZIF	POWER=ZIF

Windows Exit Codes:

- 0 - All is good
- 1 - Did not connect to device programmer
- 4 - Operation Failed

Examples:

```
CCSLOAD DIR="c:\picprojects\" Window=Production
```

```
CCSLOAD AREAS=PDC WRITE="c:\picprojects\myfile.hex" +RUN
```