

NAME

pal - PAL Assignment from Equations

SYNOPSIS

pal

DESCRIPTION

Pal helps a user to verify correctness of their PALASM file and also to communicate with a PAL programmer. Type help to print the general help message. Type ? to print a full list of commands.

All commands may be abbreviated to a single letter.

OPTIONS

There are no command line options to pal

COMMANDS

The following commands are available:

The following commands are available:

help	Print the general help message.
?	Print this list of commands.
read filename	Read filename.pal as the PALASM format input file.
program	Send current fuse data to programmer and program PAL.
map	Output fuse plot and equations to terminal.
map filename	Output fuse plot and equations to filename.map
jedec	Output JEDEC fuse plot to terminal.
jedec filename	Output JEDEC fuse plot to filename.jed
jedec -p	Sends JEDEC fuse plot to the programmer.
download filename	Sends filename.jed to programmer (does not burn PAL).
family	Set the family/pinout code.
burn	Program the PAL with the fuse data in the DATA I/O RAM.
verify	Verify the PAL with the fuse data in the DATA I/O RAM.
load	Load the PAL fuse data into the DATA I/O RAM.
upload filename	Get fuse data from the DATA I/O RAM and create a JEDEC file named filename.up
simulate	Output fuse plot with vectors to terminal.
simulate filename	Output fuse plot with vectors to filename.sim
simulate -p	Output fuse plot with vectors to programmer.
connect	Connect terminal to programmer (<RETURN><ESC> exits)
quit	Return to UNIX shell.

SEE ALSO

palasgn(1)

PAL(1)

PAL(1)

BUGS

Signals which are not needed are eliminated, even if they are assigned to pin numbers.

AUTHORS

Pal was originally written by Anthony Drogaris in 1984 as an undergraduate project. It has been modified and enhanced by Donald E. Troxel.

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