

Details about this can be found in the help function of the SET command, *Help/Editor commands/SET*.

The PRINT command can also be given directly on the command line, or can be run by a script file. Information about the selection of options is available on the help pages for PRINT.

6.11 Combining Small Circuit Boards on a Common Panel

In order to save costs, it may be worth supplying, for example, a smaller board to the board manufacturer in the form of a multiple board. So you can have several boards made in one step.

You can reproduce the layout or combine different layouts to create a multiple board with the GROUP, COPY and PASTE commands. Please note that this will change the board's silk screen, since elements receive new names, if a certain designator is already used in the board when pasting from the buffer. If you don't need the silkscreen this does not matter. Otherwise a User Language program can help. *Panelize.ulp* copies the texts written in the layers 25 and 26 (*t/bNames*) into two new layers 125 and 126. When combining the boards the names of the parts will change anyway, the copied texts in those new layers however will remain unchanged.

Tell the board manufacturer that they have to take layers 125 and 126 instead of the original layers 25 and 26 to generate the silkscreen from.

Procedure:

- ◆ Load the board file.
- ◆ Run *panelize.ulp* to copy name texts.
- ◆ DISPLAY all layers.
- ◆ Use GROUP to select all objects to be copied.
To select the whole layout you could also use GROUP ALL.
- ◆ Click the COPY icon in order to put the group into the clipboard
- ◆ Edit a new board file with *File/New* .
- ◆ Use PASTE and place the layout as often as wanted. If necessary, it is possible to specify an orientation for the group before fixing it.
- ◆ Please make sure that the new board has the same set of Design Rules as the original board file has. It is possible to export Design Rules into a file (*.dru) and then import it into another board file (*Edit/Design rules* menu, *File* tab).
- ◆ Save the new board file.
- ◆ Tell your board house that they have to use layers 125/126 instead of 25/26.