**Allgemeines**

**Angezeigtes Raster**

Anzeigen: GRID *option1* *option2*...

mm inch mil mic

on off

dots lines

alt (alternative Einstellung)

Definieren: GRID = *name* [*option1 option2* ...]

Löschen: GRID = *name***;**

Beispiel: grid = schaltplan\_mm inch 0.1 4 mm lines alt inch 0.05 mm;  
grid = layout\_zoll inch 0.05 5 lines alt inch 0.025;

**Tastenkürzel zuweisen**

Anzeigen: ASSIGN

Definieren: ASSIGN [*modifier+*]*key* ‘*befehl*’

*modifier*: S(Shift); C(Strg); A(Alt)

Löschen: ASSIGN [*modifier+*]*key***;**

Beispiel: assign F7 'grid schaltplan\_zoll;';  
assign F8 'grid layout\_mm;';

**Angezeigte Layer**

Anzeigen: DISPLAY [-]*layer/name1* [-]*layer/name2* ...

All None

Nummer oder Name des Layers

Definieren: DISPLAY = *name* [*layer1 layer2* ...]

Löschen: DISPLAY = *name***;**

Beispiel: display = schaltplan\_alles None 91 92 94 95 96;

**Farbe der Layer**

Ändern: SET COLOR\_LAYER *layer* *color*

*layer*: siehe „Angezeigte Layer“

*color*: 0(==Black); 1(==Blue); 2(==Green);  
 3(==Cyan); 4(==Red) 5(==Magenta);  
 6(==Brown); 7(==LGray);  
 8..15 entspricht der Farbe 0-7 nur aufgehellt

**Schaltplan**

**Angezeigte Layer**

All None

91==Nets; 92==Busses;

94==Symbols; 95==Names; 96==Values;

**Alle Befehle**

grid = schaltplan\_mm inch 0.1 4 mm lines  
alt inch 0.05 mm;

grid = schaltplan\_zoll inch 0.1 4 lines  
alt inch 0.05;

grid = schaltplan\_zoll\_fein inch 0.05 4 lines  
alt inch 0.05;

grid = schaltplan\_on on;

grid = schaltplan\_off off;

display = schaltplan\_alles None 91 92 94 95 96;

display = schaltplan\_name None 91 92 94 95;

display = schaltplan\_symbole None 91 92 94;

assign F2 'window fit;';

assign A+F2 'window;';

assign F3 'window 2;';

assign F4 'window 0.5;';

assign F5 'grid schaltplan\_mm;';

assign F6 'grid;';

assign F7 'grid schaltplan\_zoll;';

assign F8 'grid schaltplan\_zoll\_fein;';

assign F9 'set palette white;  
set palette 7 0xB4808080;  
display schaltplan\_alles;';

assign F10 'set palette white;  
set palette 7 0xB4808080;  
display schaltplan\_name;';

assign F11 'set palette white;  
set palette 7 0xB4808080;  
display schaltplan\_symbole;';

**Layout**

**Angezeigte Layer**

All None

1==Top; 2==Route2; …; 16==Bottom;

17==Pads; 18==Vias; 19==Unrouted;

20==Dimension; 47==Measures;

21==tPlace; …; 23==tOrigin; …; 25==tNames; …;

27==tValues; …; *37==tTest; …;* 51==tDocu; …;

**Alle Befehle**

grid = layout\_mm mm 1 5 lines alt mm 0.1;

grid = layout\_zoll inch 0.025 8 lines   
alt inch 0.0125;

grid = layout\_zoll\_fein inch 0.0125 8 lines   
alt inch 0.0125;

grid = layout\_on on;

grid = layout\_off off;

display = layout\_alles None 17 18 19 20  
1 21 23 25 37 51 16 22 24 26 38 52 ?? 2 4;

display = layout\_top None 17 18 19 20  
1 21 23 25 37 51;

display = layout\_bottom None 17 18 19 20  
16 22 24 26 38 52;

display = layout\_print\_top None 17 18 20 1;

display = layout\_print\_bottom None 17 18 20 16;

display = layout\_print\_parts\_top None 17 18 20 47  
21 25 51;

display = layout\_print\_parts\_bottom None 17 18 20 47  
22 26 52;

assign F2 'window fit;';

assign A+F2 'window;';

assign F3 'window 2;';

assign F4 'window 0.5;';

assign F5 'grid layout\_mm;';

assign F6 'grid;';

assign F7 'grid layout\_zoll;';

assign F8 'grid layout\_zoll\_fein;';

assign F9 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_alles;';

assign F10 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_alles;';

assign F11 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_top;';

assign F12 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_bottom;';

assign C+F9 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_parts\_top;';

assign C+F10 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_parts\_bottom;';

assign C+F11 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_top;';

assign C+F12 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_bottom;';

**Bibliothek**

**Angezeigte Layer**

Siehe [Schaltplan](#TM_Schaltplan_Layer) bzw. [Layout](#TM_Layout_Layer)

**Alle Befehle**

grid = schaltplan\_editor inch 0.1 1 lines  
alt inch 0.05;

grid = layout\_mm mm 1 5 lines alt mm 0.1;

grid = layout\_zoll inch 0.025 8 lines  
alt inch 0.0125;

grid = layout\_zoll\_fein inch 0.0125 8 lines  
alt inch 0.0125;

grid = editor\_on on;

grid = editor\_off off;

display = schaltplan\_alles None 91 92 94 95 96;

display = layout\_alles None 17 18 19 20  
1 21 23 25 37 51 16 22 24 26 38 52 ?? 2 4;

display = layout\_top None 17 18 19 20  
1 21 23 25 37 51;

display = layout\_bottom None 17 18 19 20  
16 22 24 26 38 52;

display = layout\_print\_top None 17 18 20 1;

display = layout\_print\_bottom None 17 18 20 16;

display = layout\_print\_parts\_top None 17 18 20 47  
21 25 51;

display = layout\_print\_parts\_bottom None 17 18 20 47  
22 26 52;

assign F2 'window fit;';

assign A+F2 'window;';

assign F3 'window 2;';

assign F4 'window 0.5;';

assign F6 'grid;';

assign F7 'grid layout\_zoll;';

assign F8 'grid layout\_zoll\_fein;';

assign F5 'grid schaltplan\_editor;  
grid on;  
set palette white;  
set palette 7 0xB4808080;  
display schaltplan\_alles;';

assign F9 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_alles;';

assign F10 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_alles;';

assign F11 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_top;';

assign F12 'set palette black;  
set palette 7 0xB4C8C8C8;  
display layout\_bottom;';

assign C+F9 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_parts\_top;';

assign C+F10 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_parts\_bottom;';

assign C+F11 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_top;';

assign C+F12 'set palette white;  
set palette 7 0xFF000000;  
display layout\_print\_bottom;';