

Eigenes Menü – Automatischer Start von Skripten und ULPs

Die Datei eagle.scr wird automatisch gestartet. Er liegt im Ordner \$EAGLE/scr

1. die Datei weg kopieren, damit sie beim nächsten Upgrade nicht verloren geht
2. einen Link auf das neue Ziel stellen
3. die Datei eagle.scr editieren; im Bereich brd wird ein Verweis auf das zu startende Skript eingefügt

```
BRD:
ASSIGN C+E ERRORS;
ASSIGN CS+D 'DRC;'; # Executes DRC without opening DRC dialog. For dialog sk
# ASSIGN CS+D DRC; # Opens DRC dialog.
ASSIGN CS+V VALUE;
ASSIGN C+R ROUTE;
ASSIGN CS+R RIPUP;
# ASSIGN A+R RATSNEST;
ASSIGN C+H HOLE;
ASSIGN CS+S SMASH;
ASSIGN A+S SIGNAL;
script /ho.../eagle/BoardMenue.scr;

#MENU '[designlink22.png] Search and order : Run designlink-order.ulp -general;\'
      '[pcb-service.png] PCB Service : Run pcb-service.ulp;\'

SCH:
Grid Default;
Change Width 0.006;
... usw ...
```

Boardmenü für Eagle Ver. 6.4

in der Version 5 heißt das ULP DRILLEGEND.ULP anstelle DRILLEGEND-STACK.ULP

```
DISPLAY = tprint    none top pads vias dimension  Document centerDrill; #print
oben
DISPLAY = bprint    none bottom pads vias dimension  Document centerDrill;
#print unten
MENU 'Grid {\
    1 mil : Grid line On; mil 1;|\
    10 mils : Grid mil 10; Grid alt mil 0.005; Grid line on;|\
    12.5 mils : Grid mil 12.5; Grid alt mil 6.25; Grid line on;|\
    25 mils : Grid mil 25; Grid alt mil 12.5;Grid line on;|\
    50 mils : Grid mil 50; Grid alt mil 25;Grid line on;|\
    100 mils : Grid mil 100;Grid alt mil 50;Grid line on; |\
    --- |\
    0.1 mm : Grid mm 0.1; Grid alt mm 0.05;Grid line On; |\
    1 mm : Grid mm 1; Grid alt mm 0.1;Grid line on; |\
    --- |\
    On : Grid line On; | \
    Off : Grid Off;|\
}' \
'Display {\
    Top : Display None tNames Top Pads Vias Dimension Unrouted
tKeepout 23 24; |\
    Bottom : Display None bNames Bottom Pads Vias Dimension Unrouted
bKeepout 23 24; |\
    ALL : Display None Top  tNames bNames Bottom Pads Vias tKeepout
bKeepout Dimension Unrouted 23 24 ; |\
    --- |\
```

```

Bestückungsplan TOP: Display none 17 18 20 21 25 27 45 51 100 23
24; |\
Bestückungsplan Bottom: Display none 17 18 20 22 26 45 52 100 23
24; |\
Place Top : Display None Top Pads Vias tOrigins tPlace -tValues
tKeepout Dimension Unrouted; |\
Place Bottom : Display None Bottom Pads Vias bOrigins bPlace
-bValues bKeepout Dimension Unrouted; |\
Place BOTH : Display None Top Bottom Pads Vias tOrigins bOrigins
tPlace -tValues bPlace -bValues tKeepout bKeepout Dimension Unrouted; |\
No Origins : Display -tOrigins -bOrigins; |\
--- |\
Silkscreen {\
Top ALL : Display None Top Pads Vias tPlace
Dimension Unrouted; |\
Bottom ALL : Display None Bottom Pads Vias bPlace
Dimension Unrouted; |\
Top Assembly : Display None Pads tPlace Dimension
-tValues -tOrigins; |\
Bottom Assembly : Display None Pads bPlace Dimension
-bValues -bOrigins; |\
Show Top Silk : Display None Pads Vias tPlace
Dimension -tValues -tDocu -tOrigins; |\
Show Bottom silk : Display None Pads Vias bPlace
Dimension -bValues -bDocu -bOrigins; |\
Edit Top Silk : Display None Pads Vias tPlace
Dimension tStop -tValues -tDocu -tOrigins; |\
Edit Bottom silk : Display None Pads Vias bPlace
Dimension bStop -bValues -bDocu -bOrigins; \
} |\
--- |\
Bohrplan: run drillegend-stack.ulp; Display None 20 144 145 ; |\
Layer 144 löschen: display none 144 145; group all; delete (> 1
1); delete DRILEGEND; |\
--- |\
Solder Mask {\
tStop On : Display tStop; |\
tStop Off : Display -tStop; |\
bStop On : Display bStop; |\
bStop Off : Display -bStop; \
} |\
Keepout {\
On : Display tKeepout bKeepout; |\
Off : Display -tKeepout -bKeepout; \
}\
}' \
'---'\
'Fit : Window Fit;'\
'Dis for Routing: DISPLAY none 1 16 17 18 20 21 23 51;' \
'Print T: display none top pads vias dimension Document centerDrill; ratsnest;
print 1 MIRROR BLACK SOLID FILE top.pdf;' \
'Print B: display none bottom pads vias dimension Document centerDrill;
ratsnest; print 1 -MIRROR BLACK SOLID FILE bottom.ps;';

GRID MIL;
SET WIDTH_MENU 0 10 12 16 20 24 40 80
#SET DRILL_MENU 0.012 0.016 0.02 0.028 0.032 0.036 0.040 0.048 0.052 0.06 0.072
0.1 0.125;

```