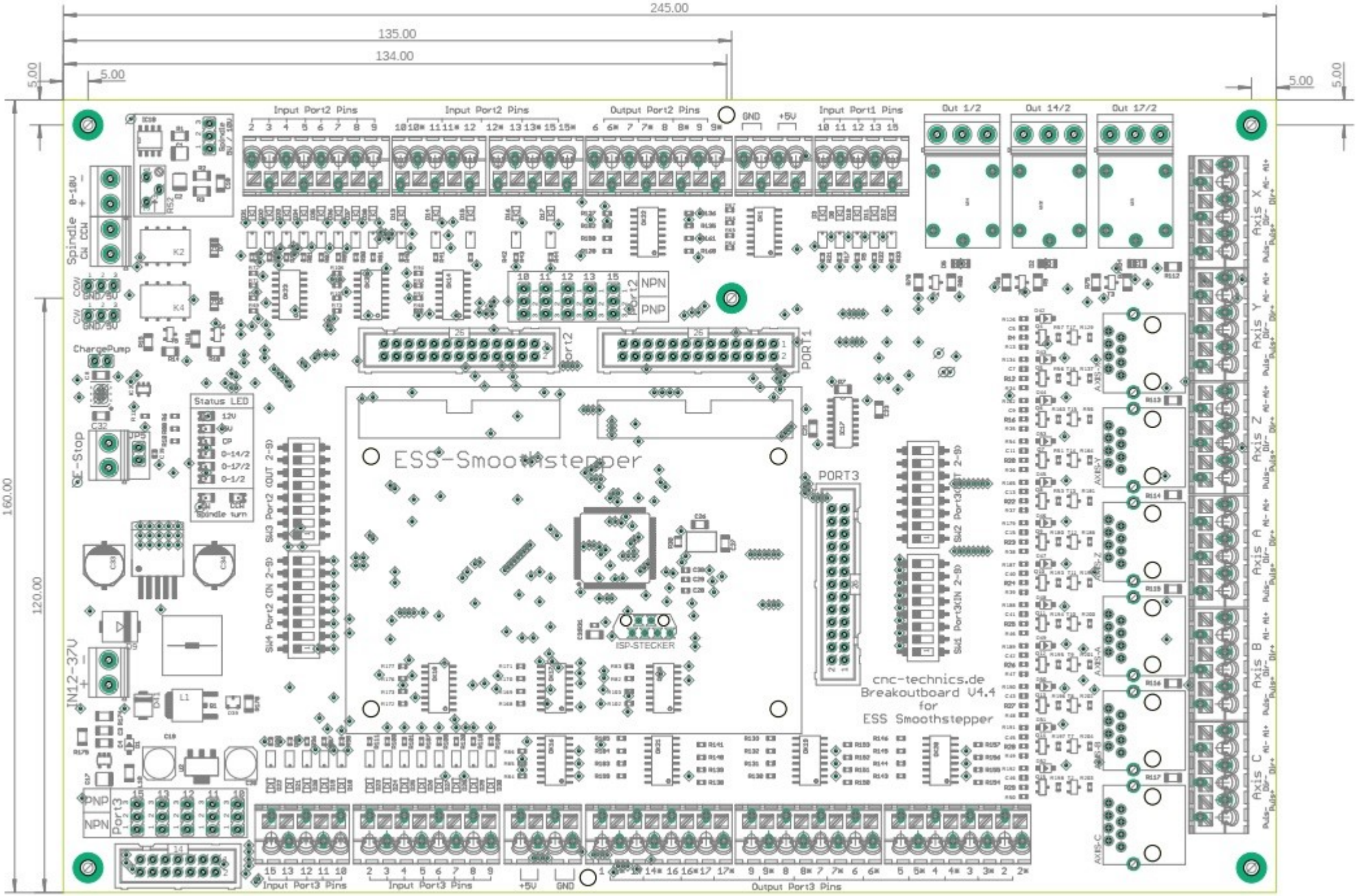
245.00
135.00
134.00
5.00
5.00
5.00
5.00
160.00
120.00
Input Port2 Pins
Input Port2 Pins
Output Port2 Pins
GND
+5V
Input Port1 Pins
Out 1/2
Out 14/2
Out 17/2
Spindle
0-10V
CW CCW
CCW
CW
GND/5V
ChargePump
Status LED
12V
5V
CP
0-14/2
0-17/2
0-1/2
Spindle turn
E-Stop
JN12-37V
Port2
PORT1
PORT3
NPN
PNP
ESS-Smoothstepper
ISP-STECKER
SW3 Port2 (OUT 2-8)
SW4 Port2 (IN 2-8)
SW2 Port3(OUT 2-8)
SW1 Port3(IN 2-8)
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Breakoutboard V4.4
for
ESS Smoothstepper
Axis X
Axis Y
Axis Z
Axis A
Axis B
Axis C
Pulse-
Dir-
Pulse+
Dir+
A1-
A1+
Input Port3 Pins
Input Port3 Pins
+5V
GND
Output Port3 Pins