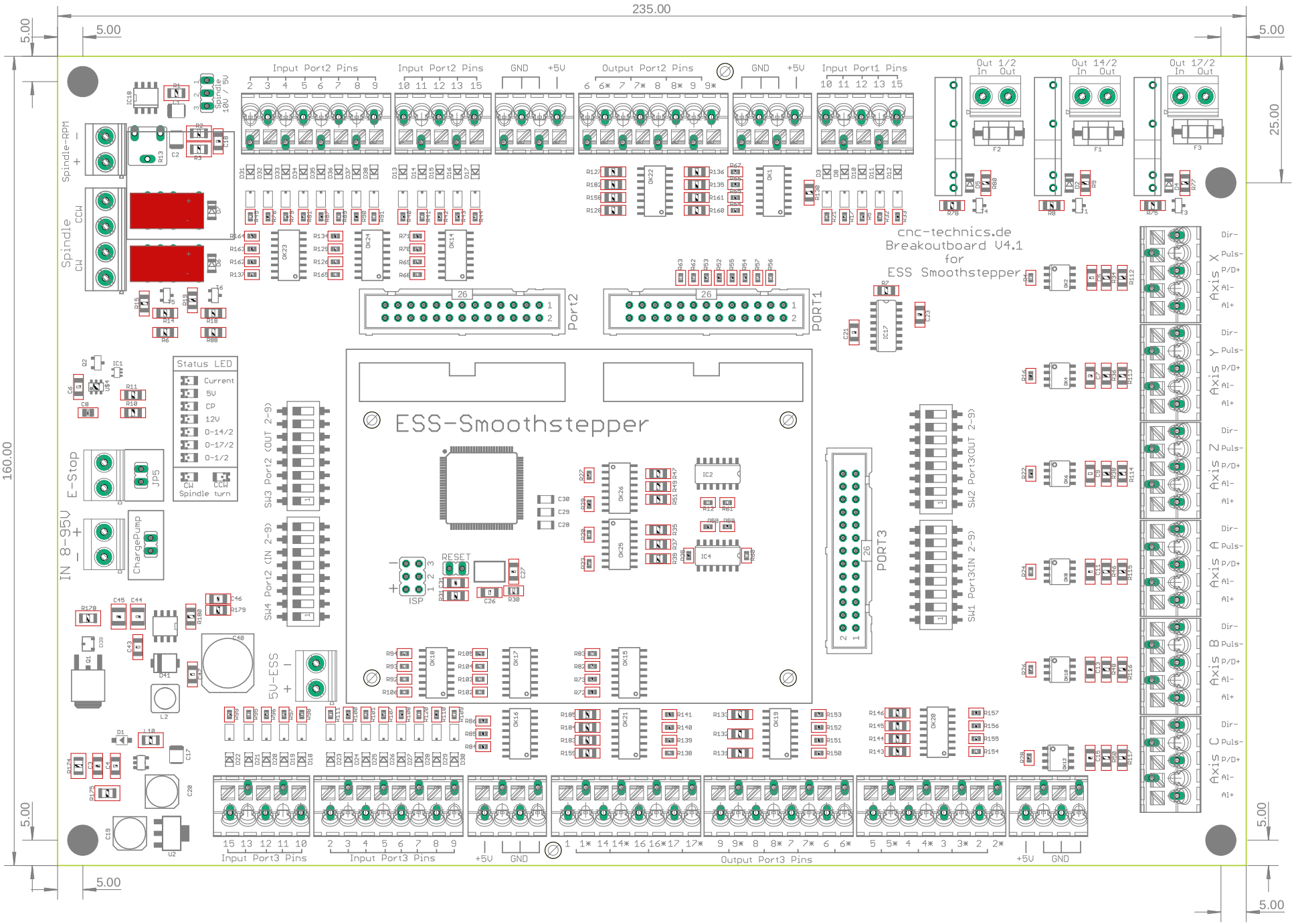
235.00
160.00
5.00
25.00
ESS-Smoothstepper
cnc-technics.de
Breakoutboard V4.1
for
ESS Smoothstepper
Input Port2 Pins
Input Port2 Pins
GND
+5V
Output Port2 Pins
GND
+5V
Input Port1 Pins
Out 1/2 In Out
Out 14/2 In Out
Out 17/2 In Out
Spindle-RPM
Spindle CCW
Spindle CW
Spindle 10V / 5V
Status LED
Current
5V
CP
12V
0-14/2
0-17/2
0-1/2
CW
CCW
Spindle turn
E-Stop
IN 8-95V
ChargePump
JP5
Port2
PORT1
PORT3
SW3 Port2 (OUT 2-9)
SW4 Port2 (IN 2-9)
SW2 Port3(OUT 2-9)
SW1 Port3(IN 2-9)
RESET
ISP
5V-ESS
Axis X
Axis Y
Axis Z
Axis A
Axis B
Axis C
Dir-
Puls-
P/D+
Al-
Al+
Input Port3 Pins
Input Port3 Pins
+5V
GND
Output Port3 Pins
+5V
GND