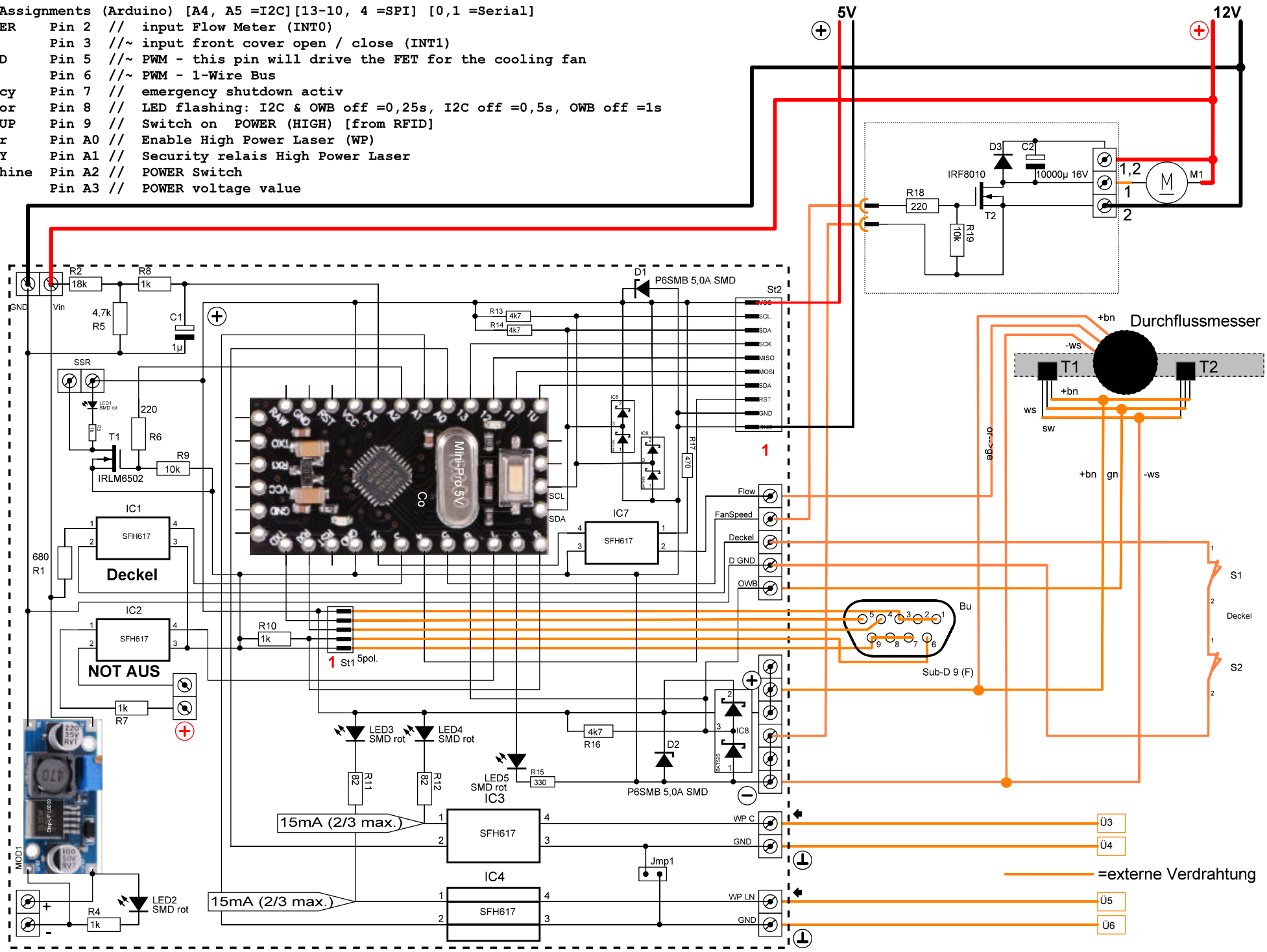
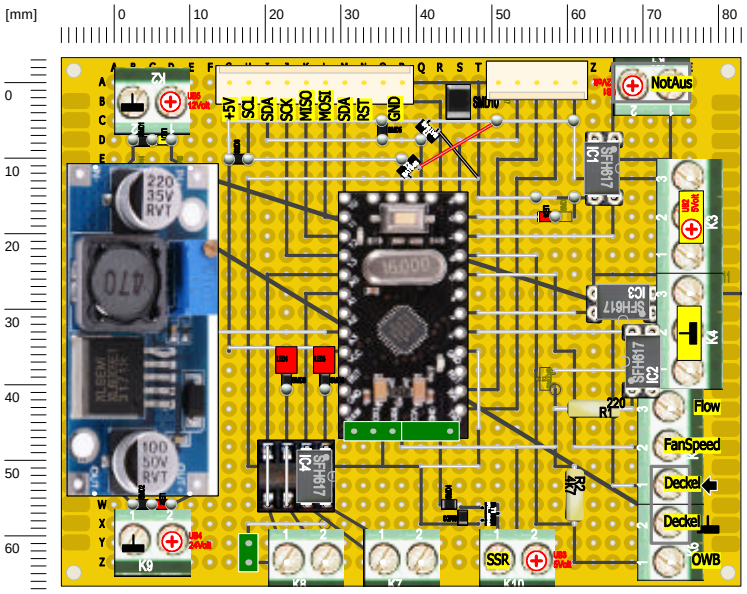
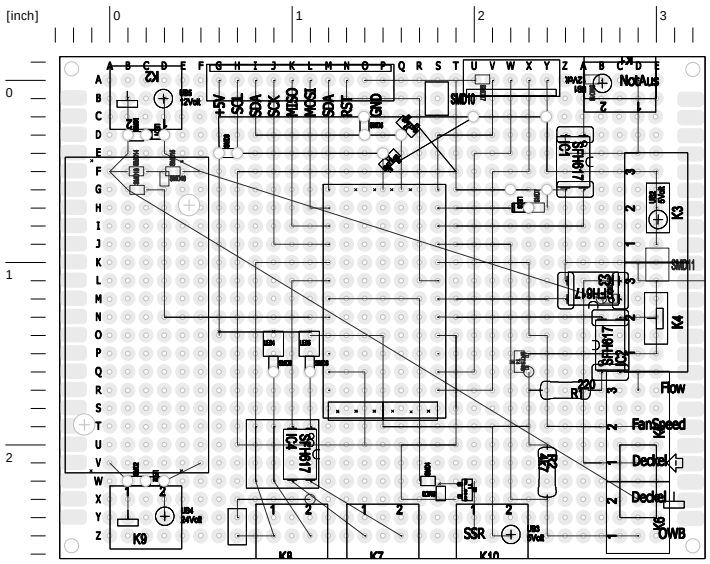
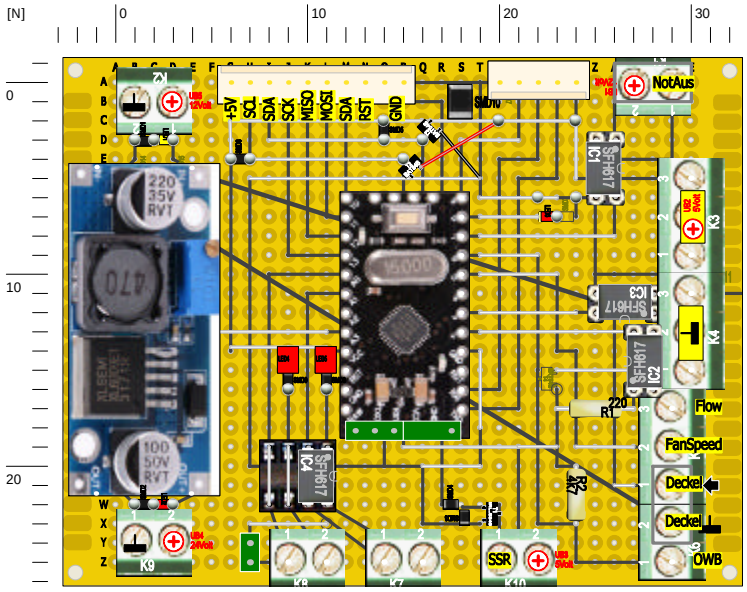
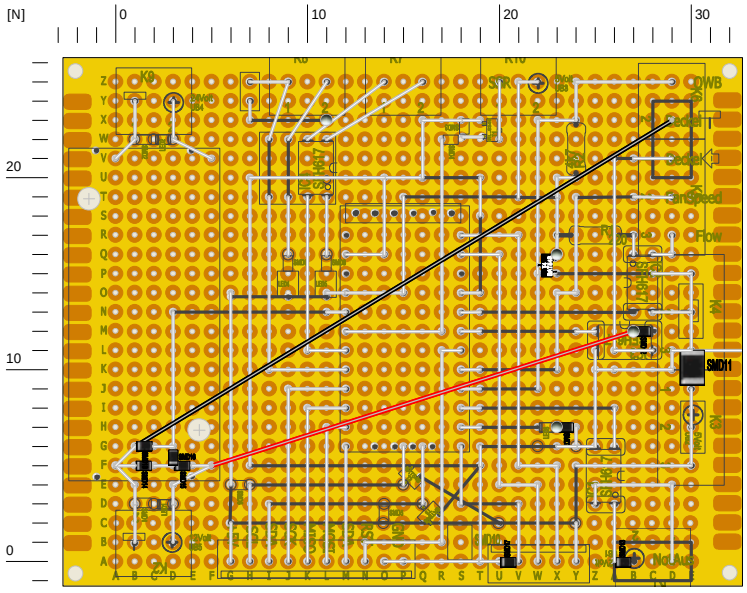
```
// Pin Assignments (Arduino) [A4, A5 =I2C][13-10, 4 =SPI] [0,1 =Serial]
FLOWMETER     Pin 2  //  input Flow Meter (INT0)
Cover         Pin 3  //~ input front cover open / close (INT1)
FANSPEED      Pin 5  //~ PWM - this pin will drive the FET for the cooling fan
OWB           Pin 6  //~ PWM - 1-Wire Bus
Emergency     Pin 7  //  emergency shutdown activ
BUS-Error     Pin 8  //  LED flashing: I2C & OWB off =0,25s, I2C off =0,5s, OWB off =1s
LCPOWERUP     Pin 9  //  Switch on  POWER (HIGH) [from RFID]
ENALaser      Pin A0 //  Enable High Power Laser (WP)
SECURITY      Pin A1 //  Security relais High Power Laser
SSR_Machine   Pin A2 //  POWER Switch
POWERV        Pin A3 //  POWER voltage value
```





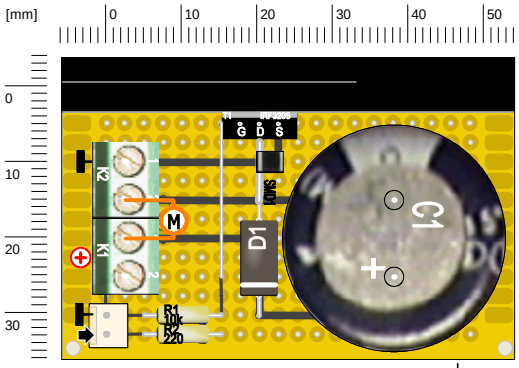


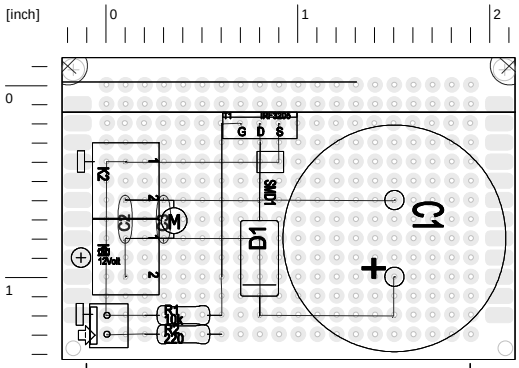


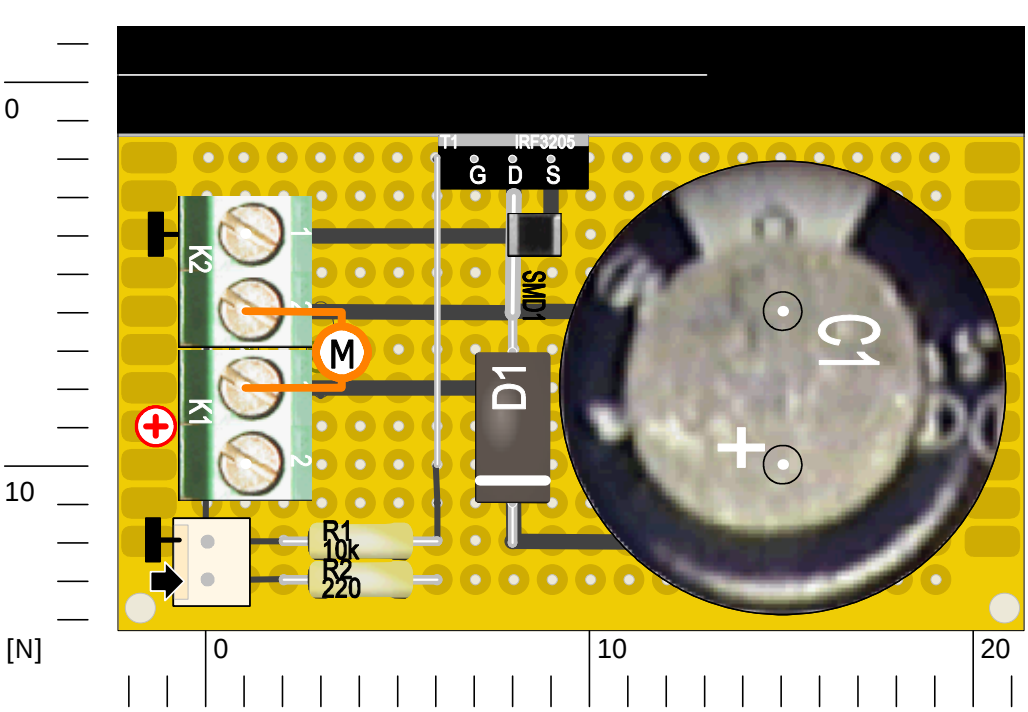


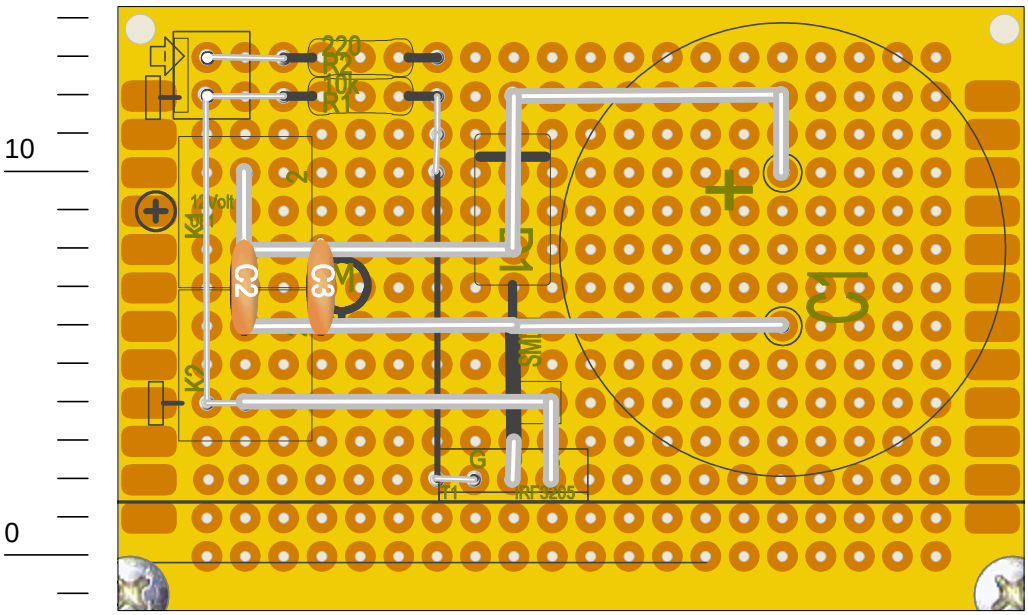
Projekt: lasercutterplatinenv7 [LasercutterController]
Abmessungen: 90,00 x 70,00 mm

30.06.2021
22:14:12
Blatt 1 / 1





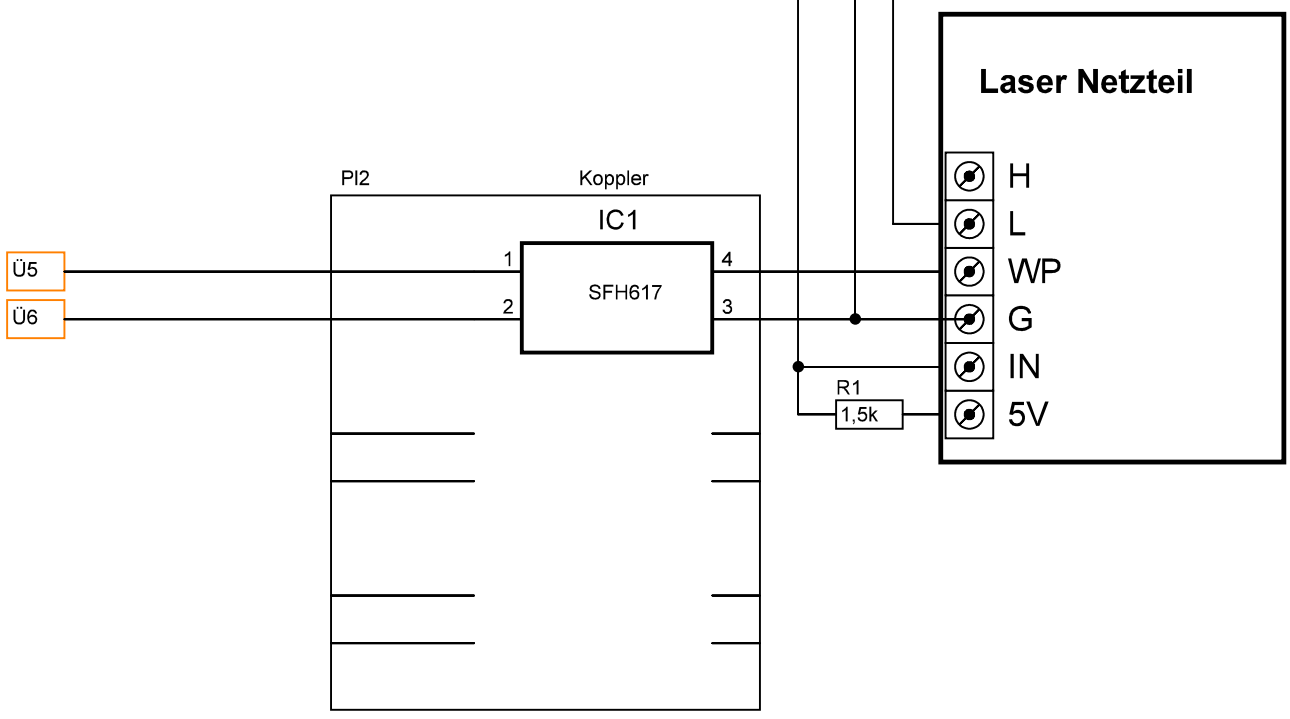




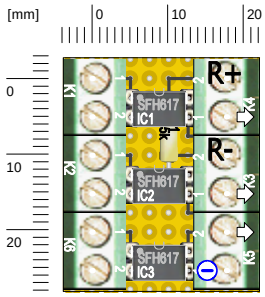
Projekt: lasercutterplatinenv7 [BreakOut FanSpeed]	30.06.2021
Abmessungen: 60,00 x 40,00 mm	22:14:25
	Blatt 1 / 1

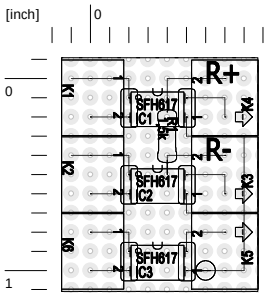

MEAN WELL
IRM-60-24ST
INPUT: 100-240VAC 1.8A
50/60Hz
OUTPUT: 24V 2.5A
AC/N
AC/L
+V
+V
-V
-V
LPS
WWW.VIKIWAT.COM
MEAN WELL ENTERPRISES CO.,LTD.
No. 28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan
Manual:www.meanwell.com/manual.html
S1904
MADE IN CHINA MW02

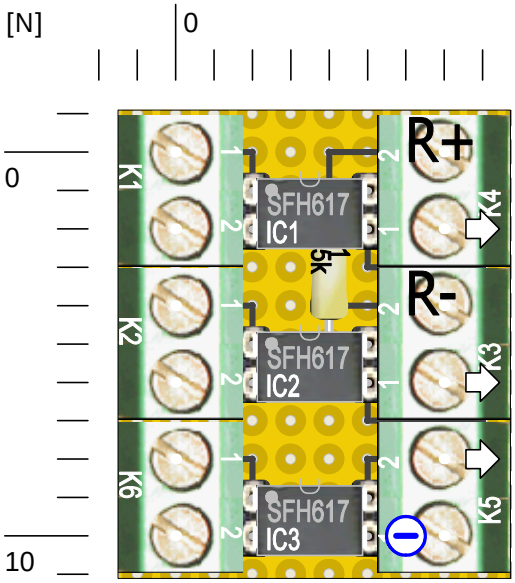
Controller
24V
GND
DC5V
WP
PWM
TTL
GND
Ü3
Ü4

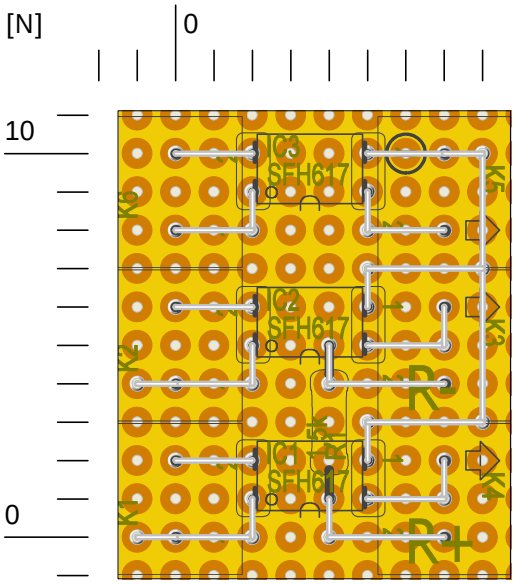

Laser Netzteil
H
L
WP
G
IN
5V
R1
1,5k

PI2
Koppler
IC1
SFH617
1
2
3
4
Ü5
Ü6



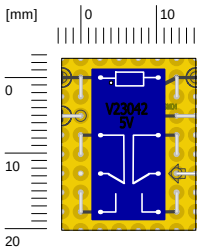


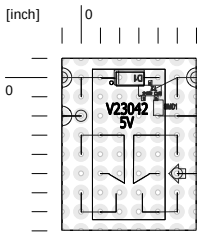


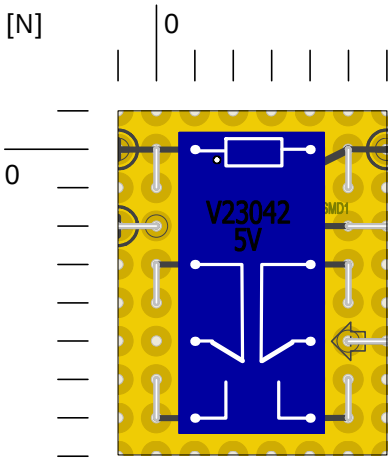


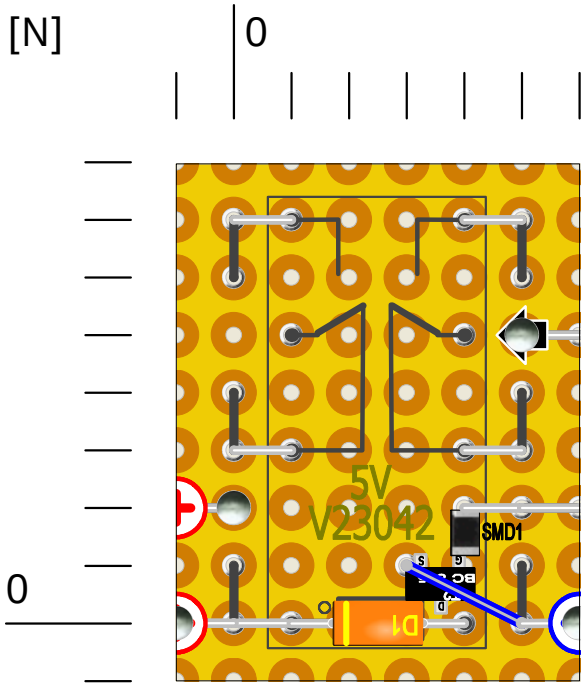
Projekt: lasercutterplatinenv7 [Koppler3R]
Abmessungen: 26,00 x 31,00 mm

30.06.2021
22:15:15
Blatt 1 / 1

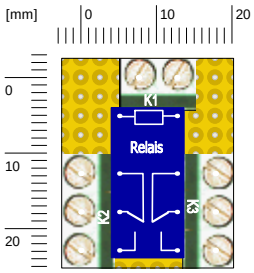


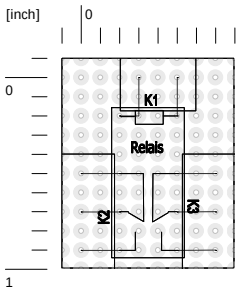


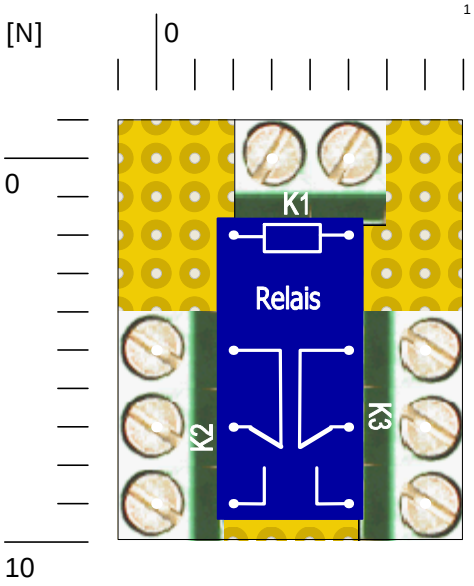


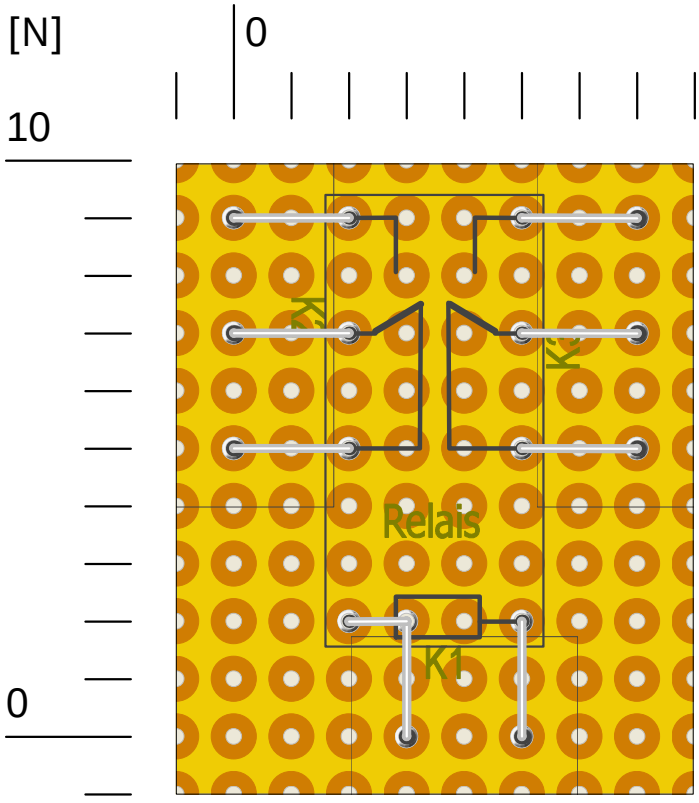


Projekt: lasercutterplatinenv7 [PowerOn Relais]	30.06.2021
Abmessungen: 17,80 x 22,80 mm	22:15:42
	Blatt 1 / 1



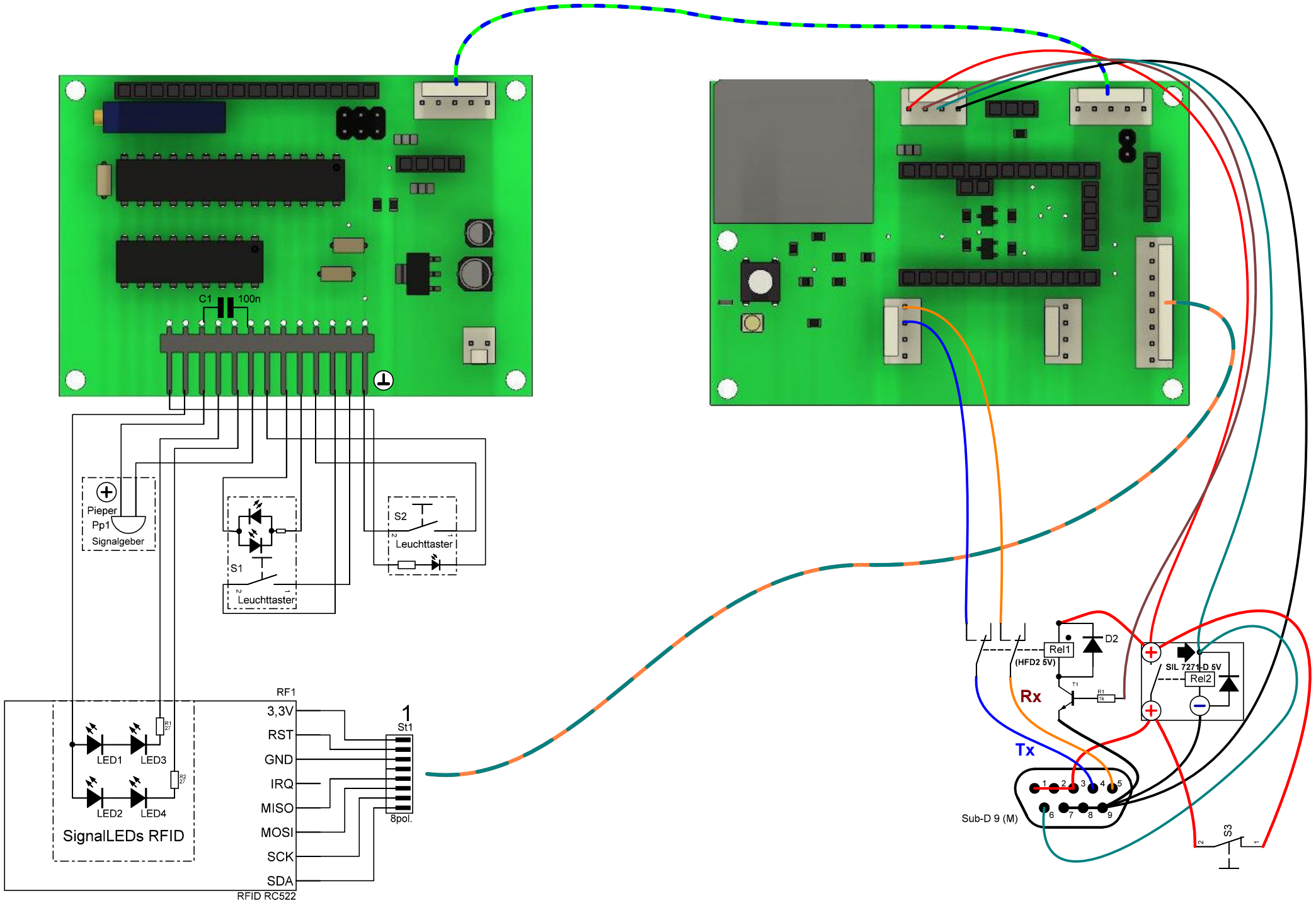


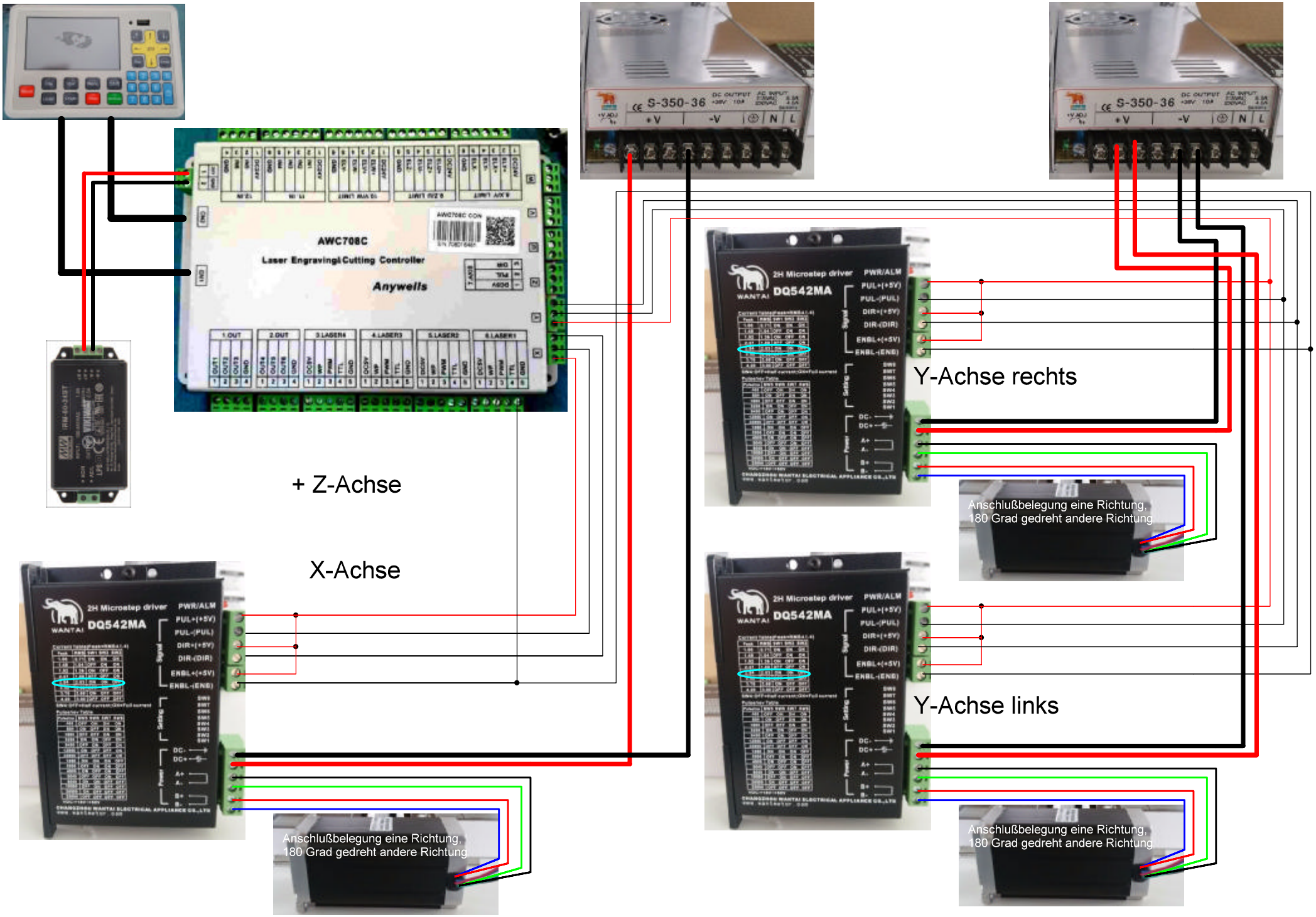


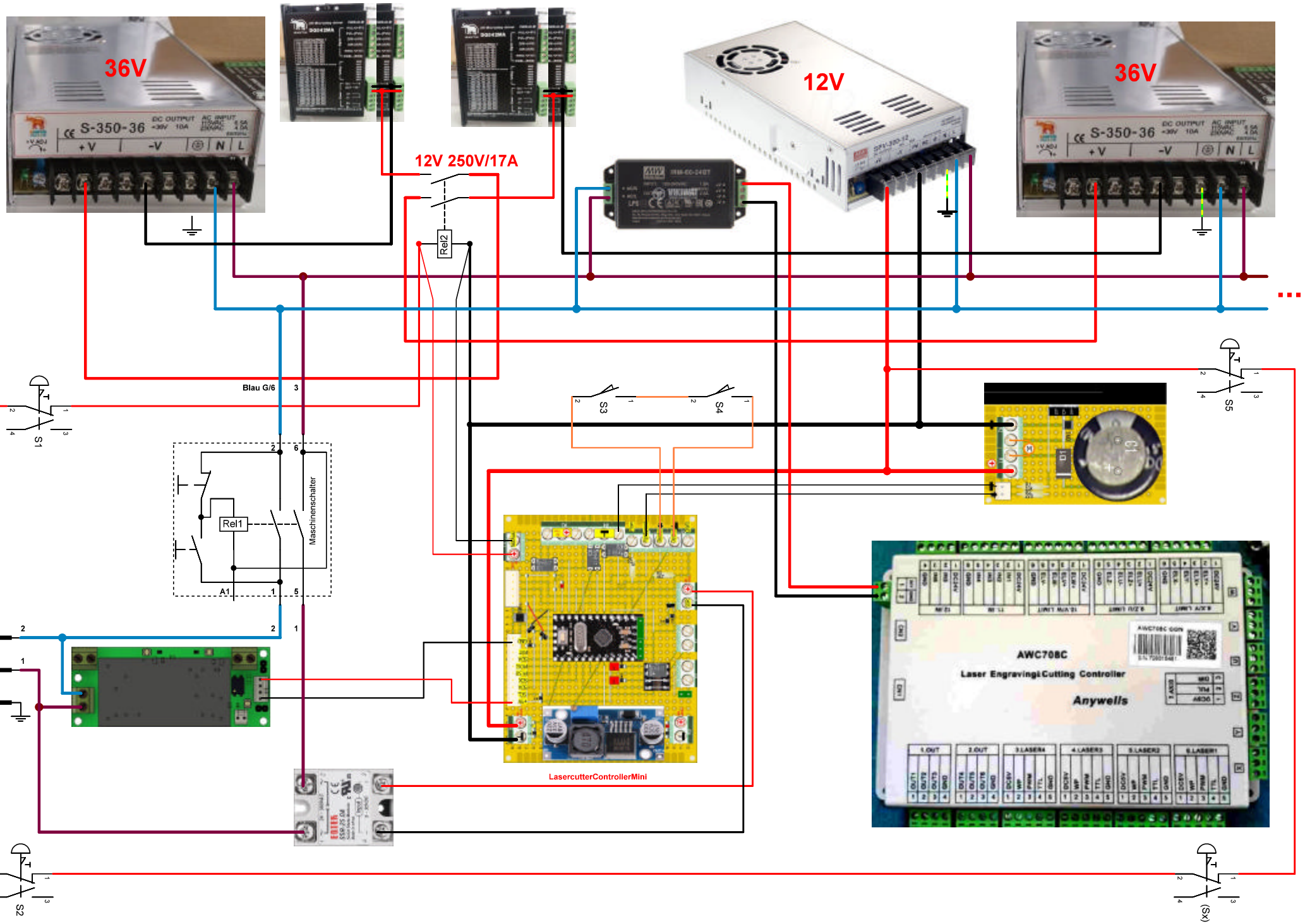


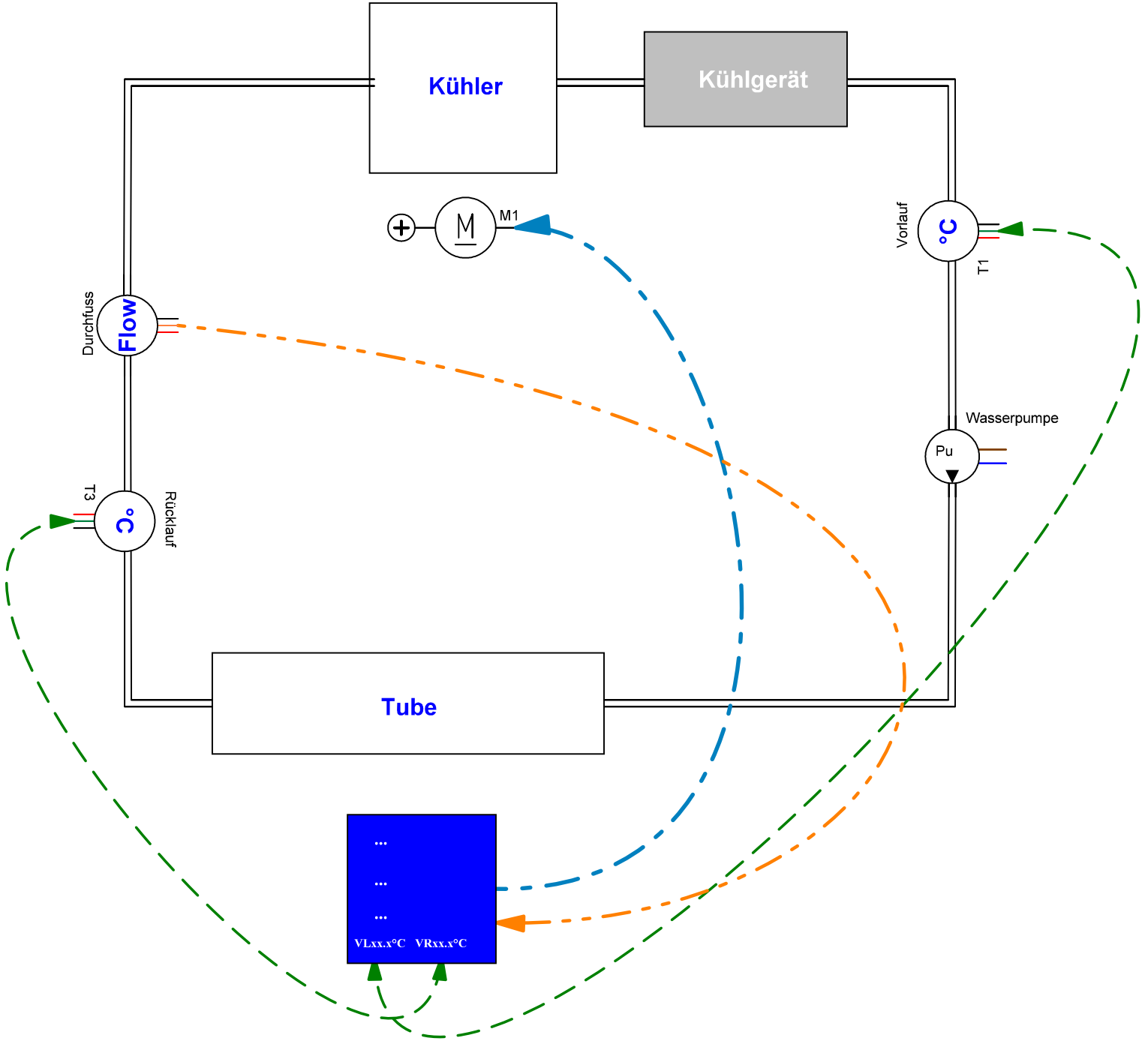
Projekt: lasercutterplatinenv7 [NOT AUS Relais]
Abmessungen: 22,80 x 27,80 mm

30.06.2021
22:15:46
Blatt 1 / 1


C1
100n
Pieper
Pp1
Signalgeber
S1
Leuchttaster
S2
Leuchttaster
LED1
LED3
LED2
LED4
SignalLEDs RFID
RF1
3,3V
RST
GND
IRQ
MISO
MOSI
SCK
SDA
RFID RC522
1
St1
8pol.
Rel1
(HFD2 5V)
D2
Rx
Tx
SIL 7271-D 5V
Rel2
Sub-D 9 (M)
S3


AWC708C
Laser Engraving&Cutting Controller
Anywells
S-350-36
+V
-V
N
L
2H Microstep driver
DQ542MA
WANTAI
PWR/ALM
PUL+(+5V)
PUL-(PUL)
DIR+(+5V)
DIR-(DIR)
ENBL+(+5V)
ENBL-(ENBL)
+ Z-Achse
X-Achse
Y-Achse rechts
Y-Achse links
Anschlußbelegung eine Richtung,
180 Grad gedreht andere Richtung
Anschlußbelegung eine Richtung,
180 Grad gedreht andere Richtung
Anschlußbelegung eine Richtung,
180 Grad gedreht andere Richtung


36V
S-350-36
+V
-V
N
L
12V
36V
12V 250V/17A
Rel2
Rel1
Maschinenschalter
A1
Blau G/6
S1
S2
S3
S4
S5
(Sx)
LasercutterControllerMini
AWC708C
Laser Engraving&Cutting Controller
Anywells


Kühler
Kühlgerät
M1
M
Vorlauf
°C
T1
Durchfluss
Flow
Wasserpumpe
Pu
T3
°C
Rücklauf
Tube
...
...
...
VLxx.x°C VRxx.x°C