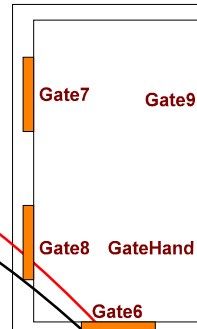


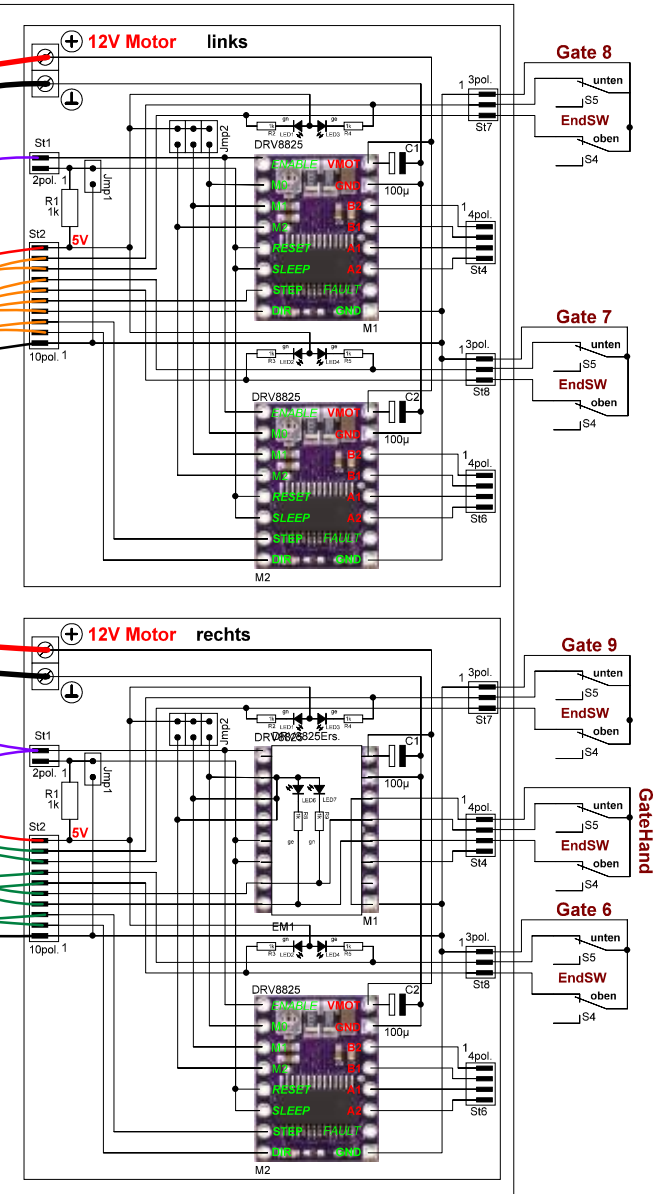
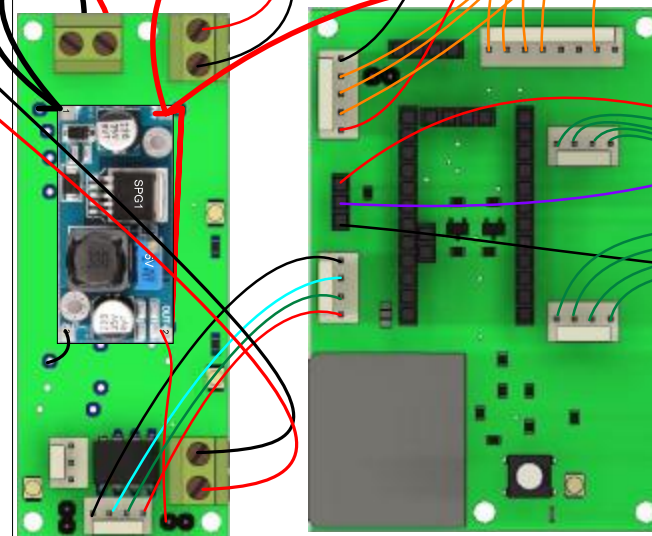
Triac-Opto + Widerstand
(für 5V) ...

Alarm

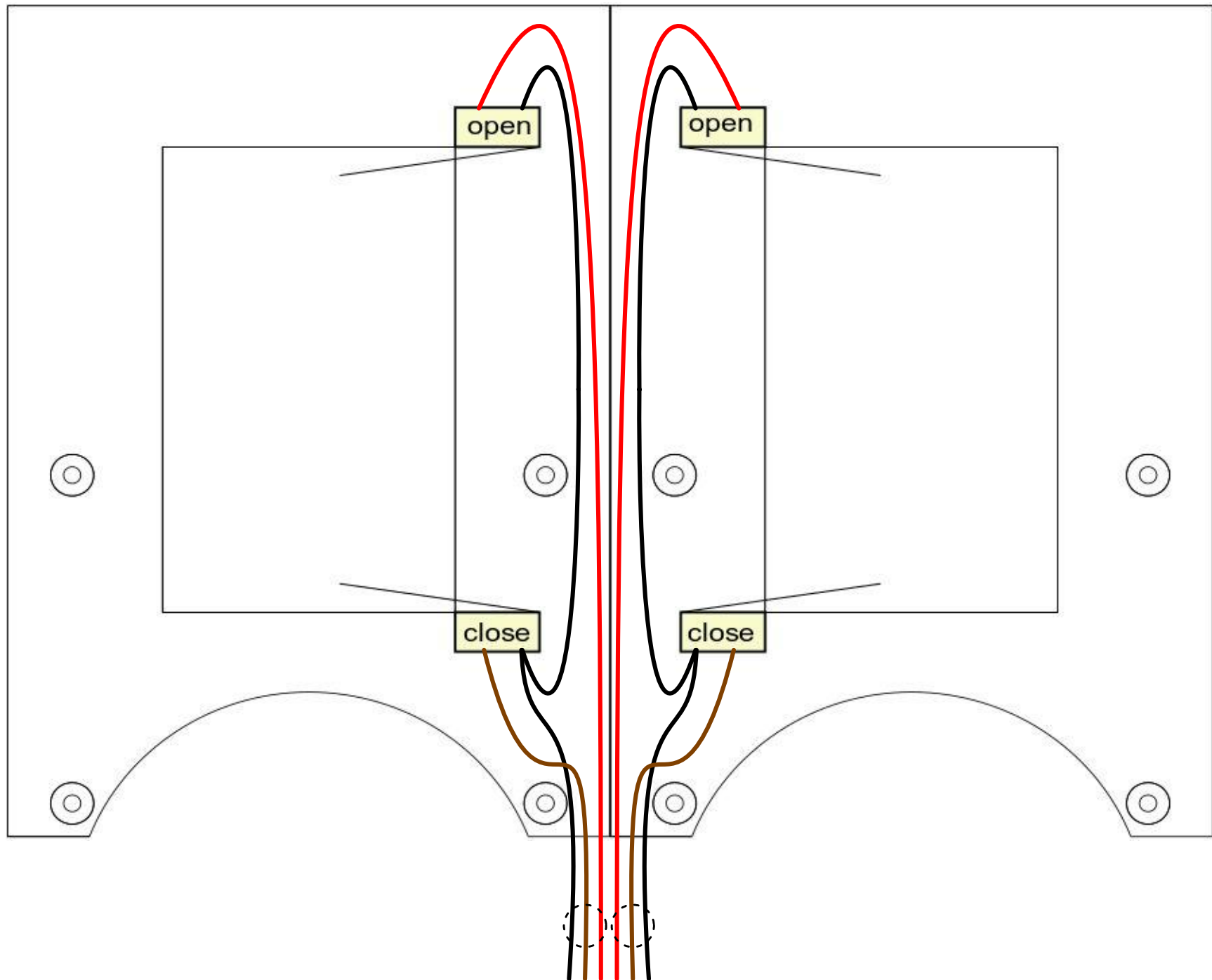


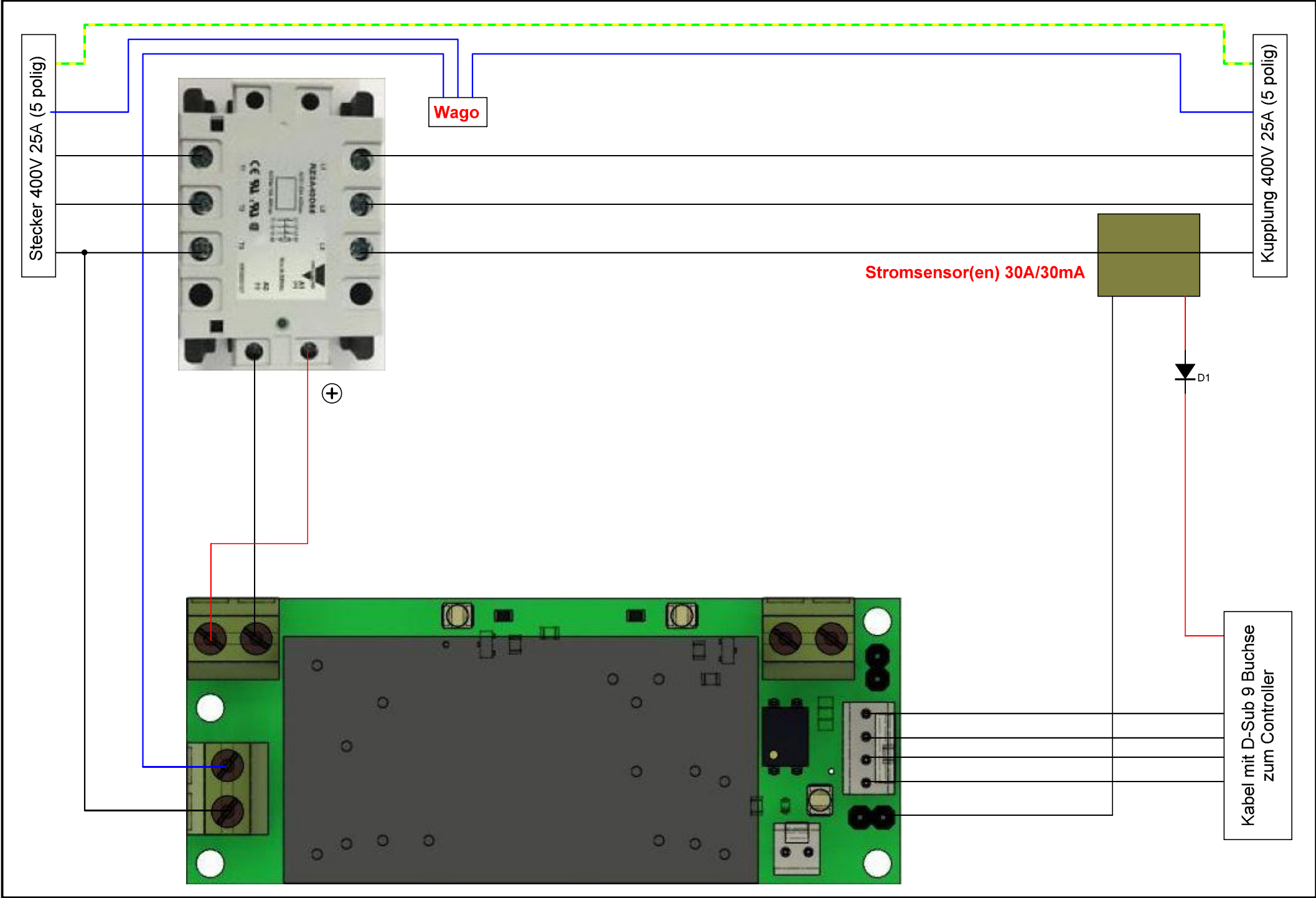
Blast Gates:

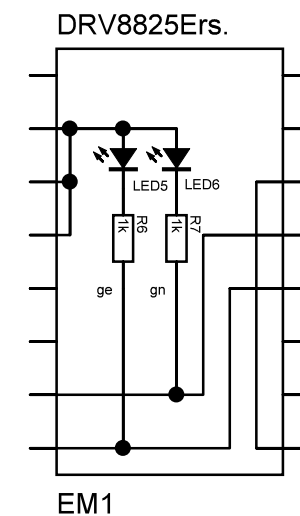
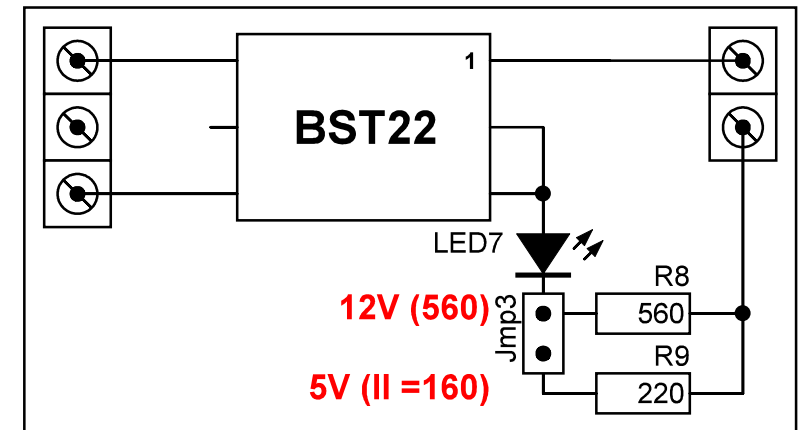
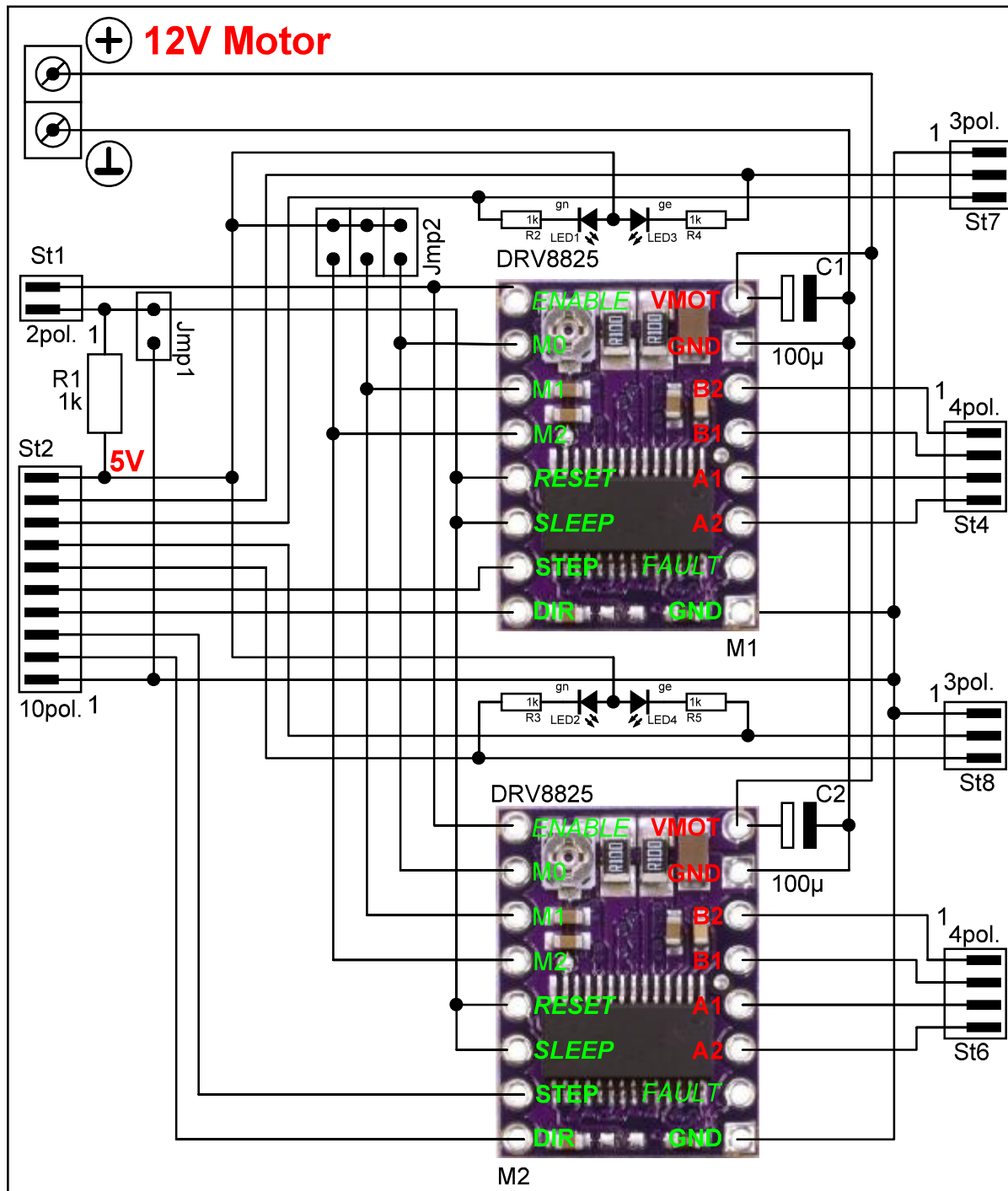
- 1x Absaugung: -----
- 6x Mix: 1x Hand (Staubsauger [50mm])
- +1x I2C (2xAD)
- 4x Motor (Maschinen [100mm])
- 8x Mono: 8x Hand (50mm + 100mm Mix)



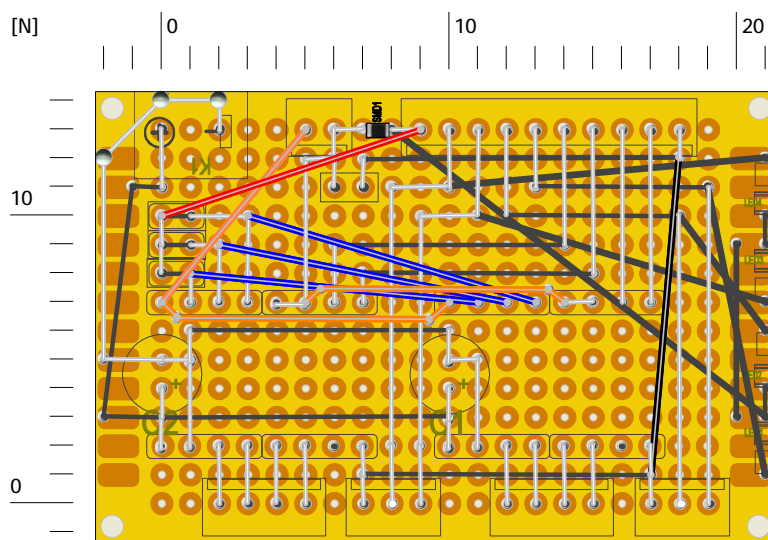
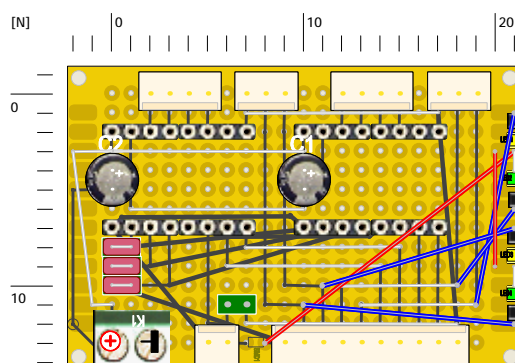
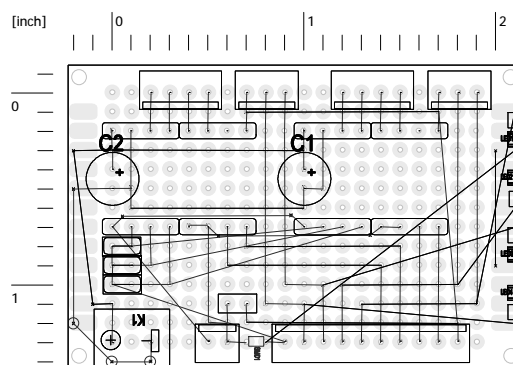
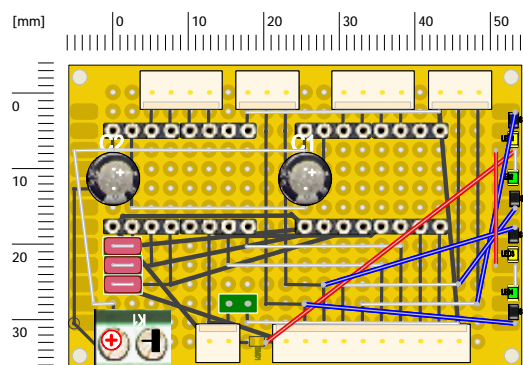
Einmal rechts, einmal links und Hand die Häfte.

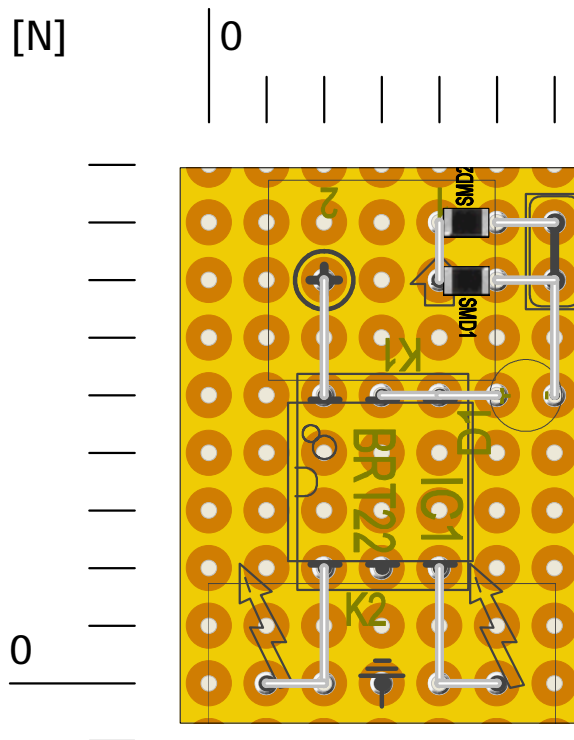
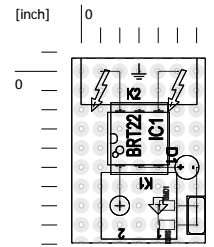
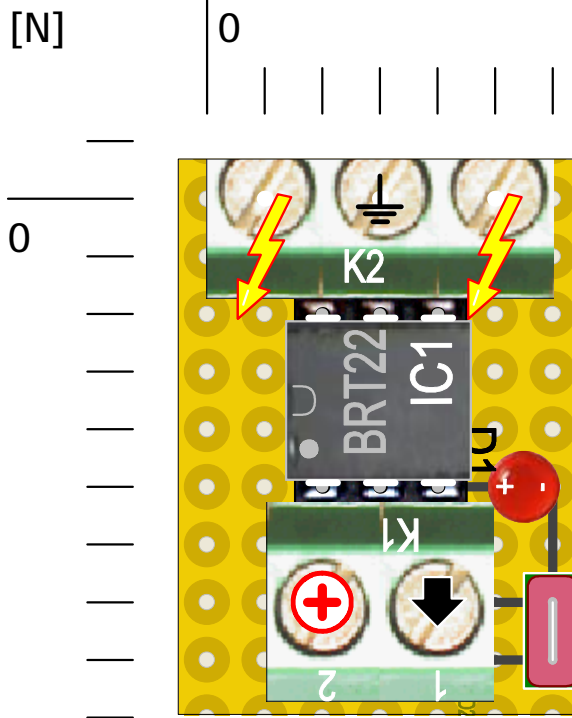
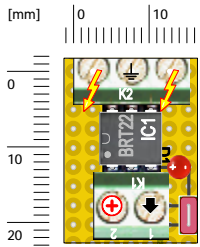


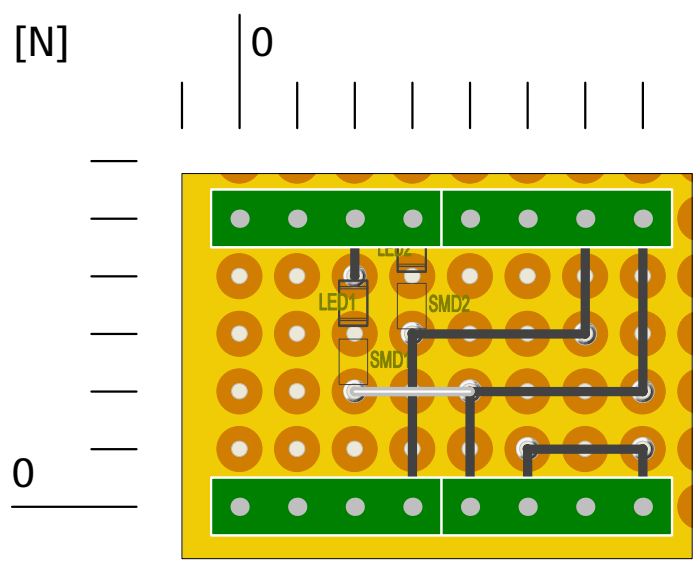
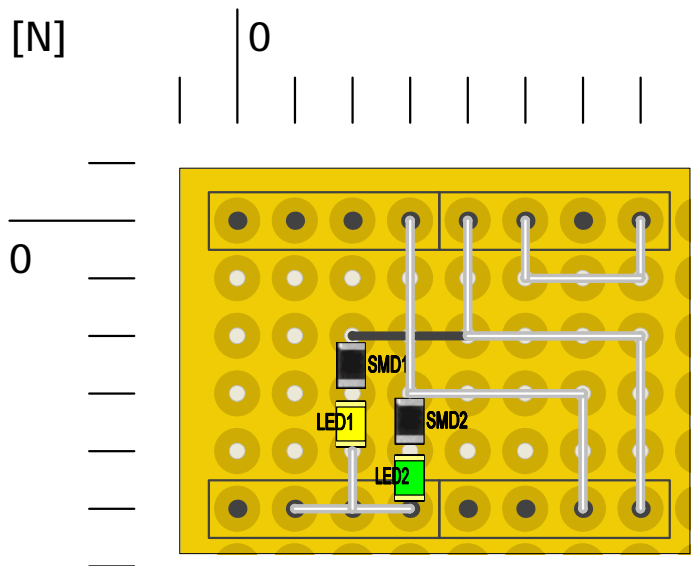
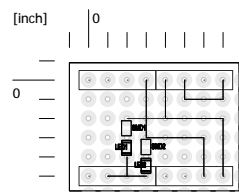
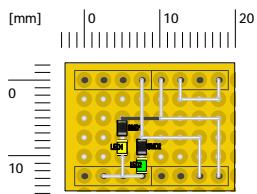




(GateSpez)







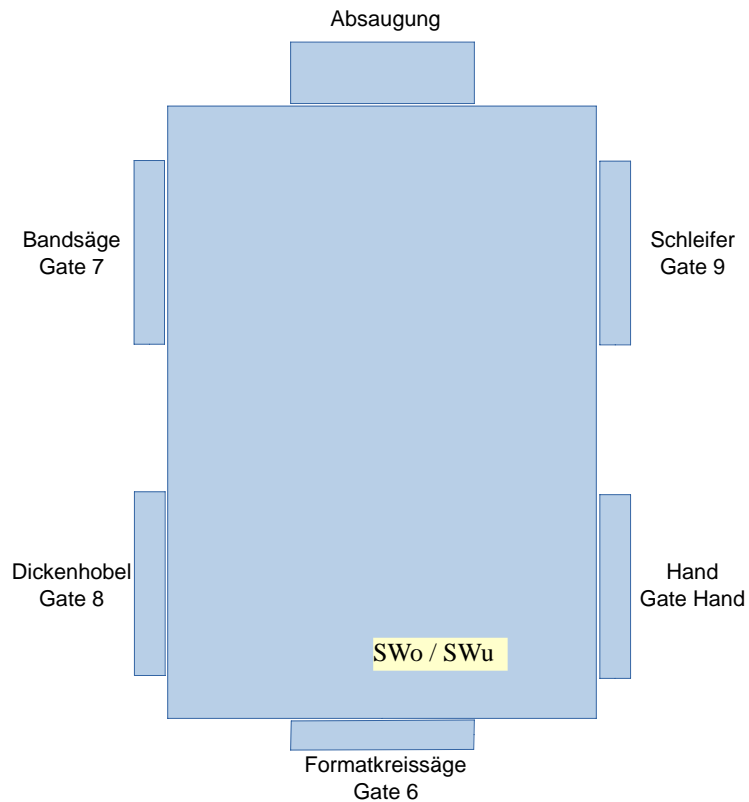
GeräteVerdrahtung

Benennung K2 4polig		Strommessung		D-Sub	D-Sub	Buchse Kabel
5V	4	Buchse / Stecker	rot	1	bn	sw
				2	rt	bn
				3	or	rt
A3	3		orange	4	ge	or
A2	2		braun	5	gn	ge
Strom +		rt		6	bl	gn
			rot	7	li	rs
GND	1	sw	schwarz	8	gr	li
			sw	9	sw	ws

Benennung	K1 5polig	K3 8polig	(Farbe)	D-Sub	
5V	5		rot	1	
SCL	4		orange	2	
SDA	3		gelb	3	
SCK		7	blau	4	
MISO		5	gelb	5	
MOSI		6	grün	6	
SDA		8	violet	7	
RST		2	braun	8	
GND	1		schwarz	9	

PinNr.	Netzteil	Pin Out	Controller	Ardu Pin	Pin In	SM-Platine Li	Pin Out		Pin In	SM-Platine Re	Pin Out	PinNr.	EndPos
K1P1	L ~220V;12V												
K1P2	N ~220V;12V												
K2P1	SSR1 24V 4A												
K2P2	Vcc 5V – (24V)												
K3P1	SSR2 24V 4A												
K3P2	Vcc 5V – (24V)												
		K1P1	Digital (INT)	2					St2P7	Gate 6 closed	St5P2	St5P2	
		K1P2	Digital (PWM)	5					St2P6	Gate 6 open	St5P3	St5P3	
		K1P3	Digital	7					St2P2	Dir			
		K1P4	Digital (PWM)	9					St2P3	Step	Gate 6 SM St6	St6P1-4	B1;B2;A1;A2
K5P1	GND	K2P1	GND									St3&4&5P1	GND
K5P2	SSR1	K2P2	OptSSR (AD2)	A2									
K5P3	SSR2	K2P3	Alarm (AD3)	A3									
K5P4	Vcc 5V (DC/DC)	K2P4	Vcc						St2P1	GND			
		K4P1	GND						St1P2	Enable SM			
		K4P2	Digital (PWM)	6	St1P2	Enable SM			St2P10	VCC			
		K4P3	Vcc						St2P9	Gate 9 closed	St3P2	St3P2	
		K5P1	Analog	A0					St2P8	Gate 9 open	St3P3	St3P3	
		K5P2	Analog	A1					St2P5	(Step)	Gate 9 SM St4	St4P3	Gate H open
		K5P3	Analog	A6					St2P4	(Dir)		St4P2	Gate H closed
		K5P4	Analog	A7									
		K7P1	GND		St2P1	GND						St3&5P1	GND
		K7P2	Digital (INT, PWM)	3	St2P9	Gate 8 closed	St3P2					St3P2	
		K7P3	SDA (AD4)	A4	St2P8	Gate 8 open	St3P3					St3P3	
		K7P4	SCL (AD5)	A5	St2P6	Gate 7 open	St5P3					St5P3	
		K7P5	Vcc		St2P10	Vcc							
		K9P1	Vcc										
		K9P2	Digital	4	St2P7	Gate 7 closed	St5P2					St5P2	
		K9P3	GND										
		K9P4	-	-									
		K9P5	Digital	12	St2P4	Dir	Gate 8 SM St4					St4P1-4	B1;B2;A1;A2
		K9P6	Digital (PWM)	11	St2P5	Step						St4P1-4	B1;B2;A1;A2
		K9P7	Digital	13	St2P2	Dir	Gate 7 SM St6					St4P1-4	B1;B2;A1;A2
		K9P8	Digital (PWM)	10	St2P3	Step							

Nur Analoge
Eingänge



BlasgatePosition

Mini		Blast Gate Hand alles manuell			
6	K4P2	Li / St1	2	Enable	
	K7P1		1	GND	1 GND
3	K7P2		9	← Li / St3	2 EndPos
A4	K7P3		8	←	3 EndPos
	K7P5		10	5V	
					1 B2
					2 B4
11	K9P6		5	Step Li / St4	3 A4
12	K9P5		4	Dir	4 A2
		Li / St2			
					1 GND
4	K9P2		7	← Li / St5	2 EndPos
A5	K7P4		6	←	3 EndPos
					1 B2
					2 B4
10	K9P8		3	Step Li / St6	3 A4
13	K9P7		2	Dir	4 A2
6	K4P2	Re / St1	2	Enable	
	K4P1		1	GND	1 GND
A0	K5P1		9	← Re / St3	2 EndPos
A1	K5P2		8	←	3 EndPos
	K4P3		10	5V	
					1 B2
					2 B1
A6	K5P3		5	Step Re / St4	3 A2
A7	K5P4		4	Dir	4 A4
		Re / St2			
					1 GND
2	K1P1		7	← Re / St5	2 EndPos
5	K1P2		6	←	3 EndPos
					1 B2
					2 B4
9	K1P4		3	Step Re / St6	3 A2
7	K1P3		2	Dir	4 A4

Mini		Blast Gate Schrittmotor automatisch + Hand			
6	K4P2	Li / St1	2	Enable	
	K7P1		1	GND	1 GND
3	K7P2		9	← Li / St3	2 EndPos
A4	K7P3		8	←	3
	K7P5		10	5V	
					1 B2
					2 B1
11	K9P6		5	Step Li / St4	3 A1
12	K9P5		4	Dir	4 A2
		Li / St2			
					1 GND
4	K9P2		7	← Li / St5	2 EndPos
A5	K7P4		6	←	3
					1 B2
					2 B1
10	K9P8		3	Step Li / St6	3 A1
13	K9P7		2	Dir	4 A2
6	K4P2	Re / St1	2	Enable	
	K4P1		1	GND	1 GND
A0	K5P1		9	← Re / St3	2 EndPos
A6	K5P3		8	←	3
	K4P3		10	5V	
					1 B2
					2 B1
5	K1P2		5	Step Re / St4	3 A2
2	K1P1		4	Dir	4 A1
		Re / St2			
					1 GND
A1	K5P2		7	← Re / St5	2 EndPos
A7	K5P4		6	←	3
					1 B2
					2 B1
9	K1P4		3	Step Re / St6	3 A2
7	K1P3		2	Dir	4 A1

EndPos. = Endstellung unten oder oben (bei Schrittmotor mit Drehrichtung)