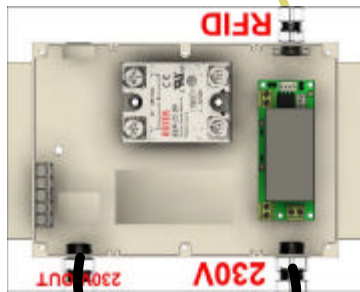
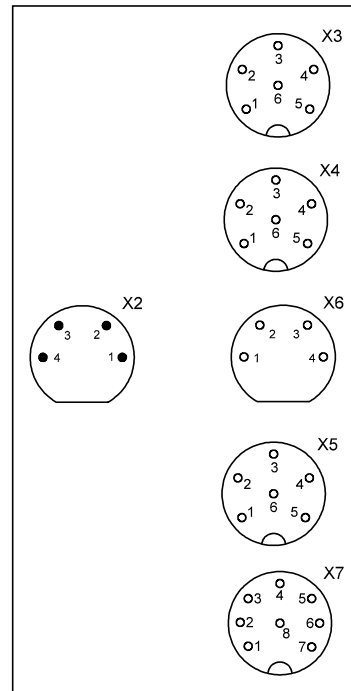


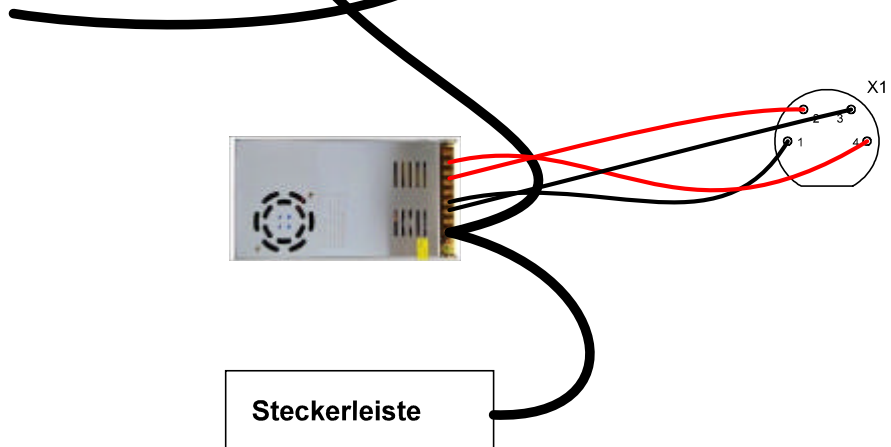
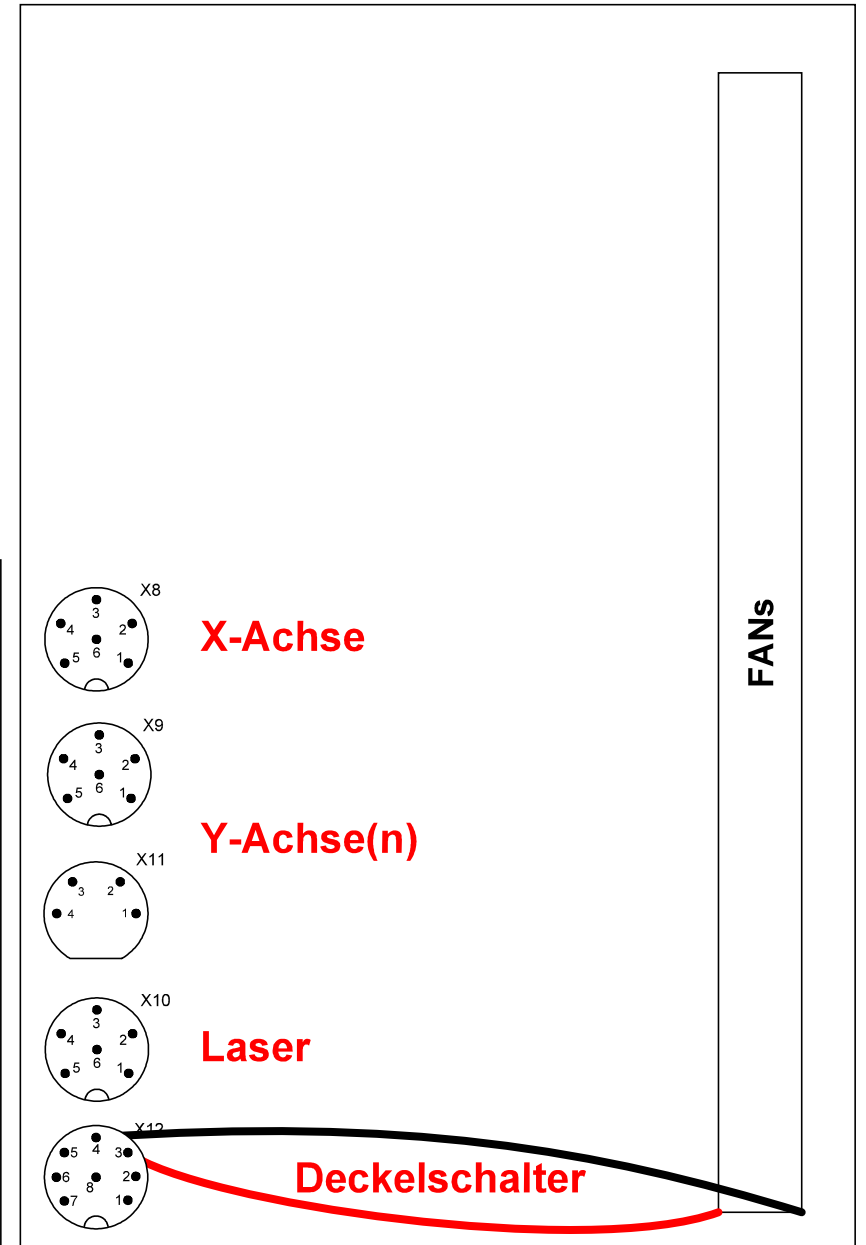
Deckelschalter



Controllerbox



Laserengraver



Steckerleiste

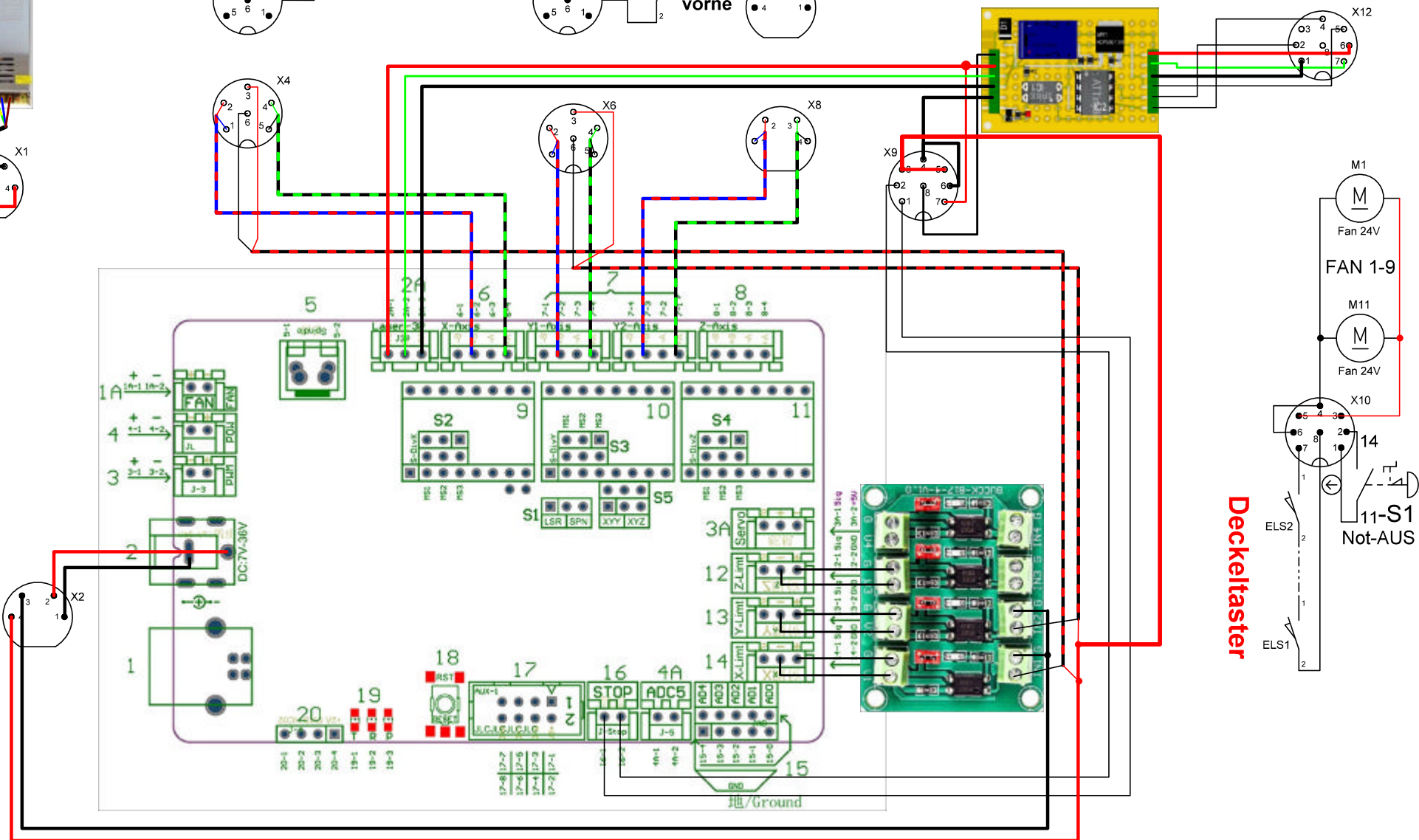
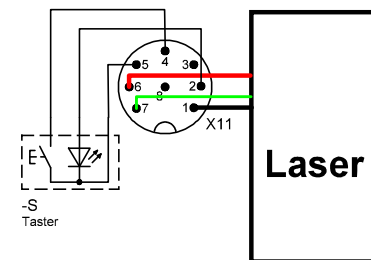
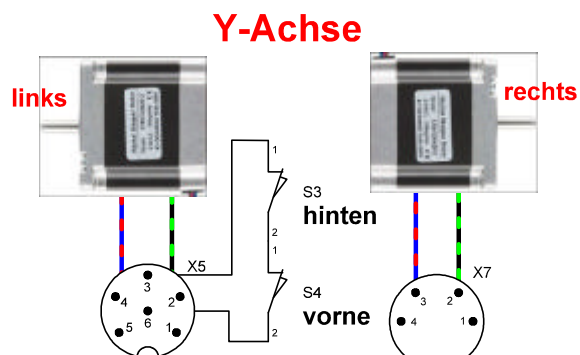
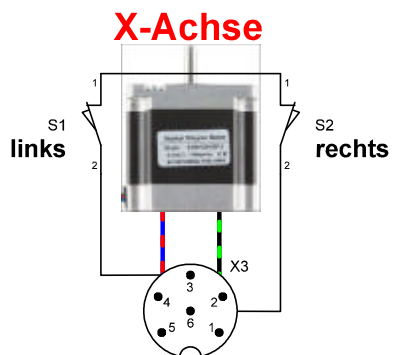
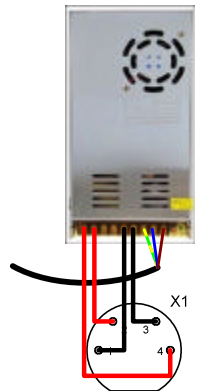
X-Achse

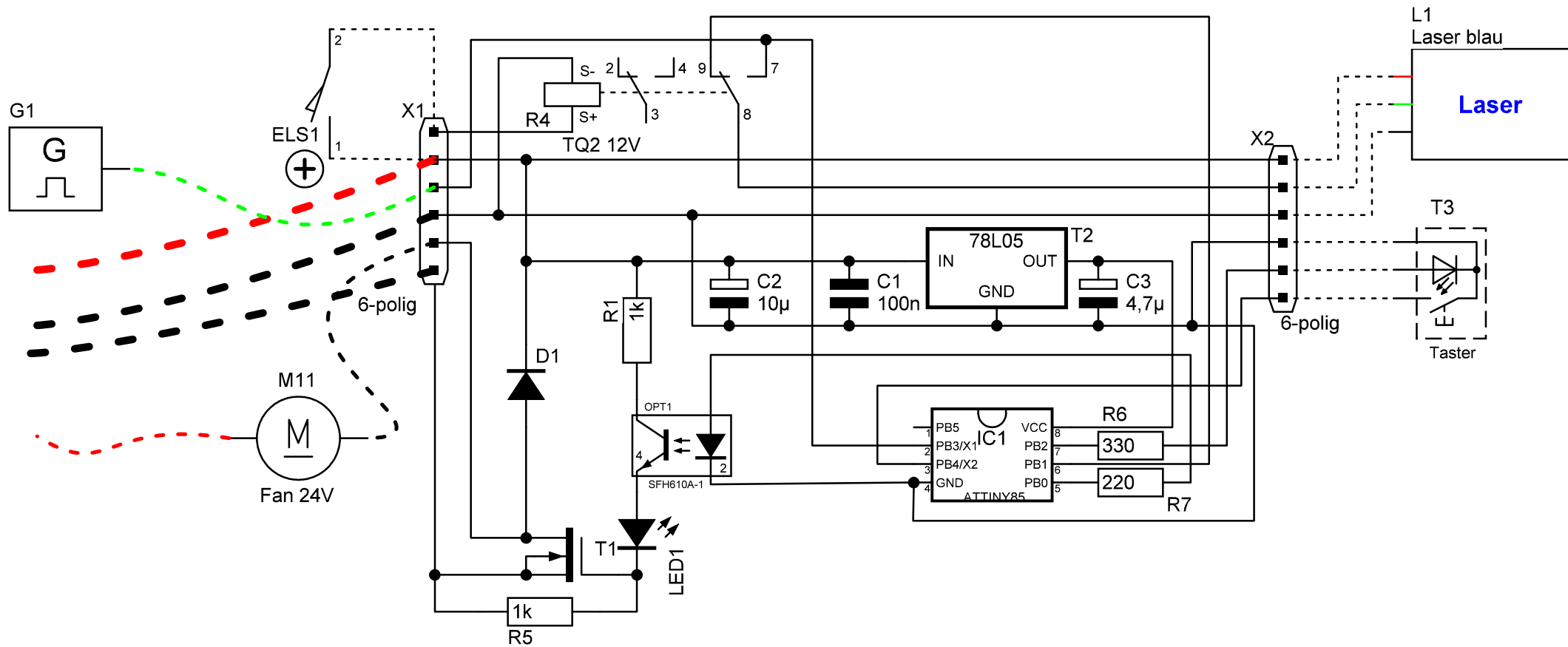
Y-Achse(n)

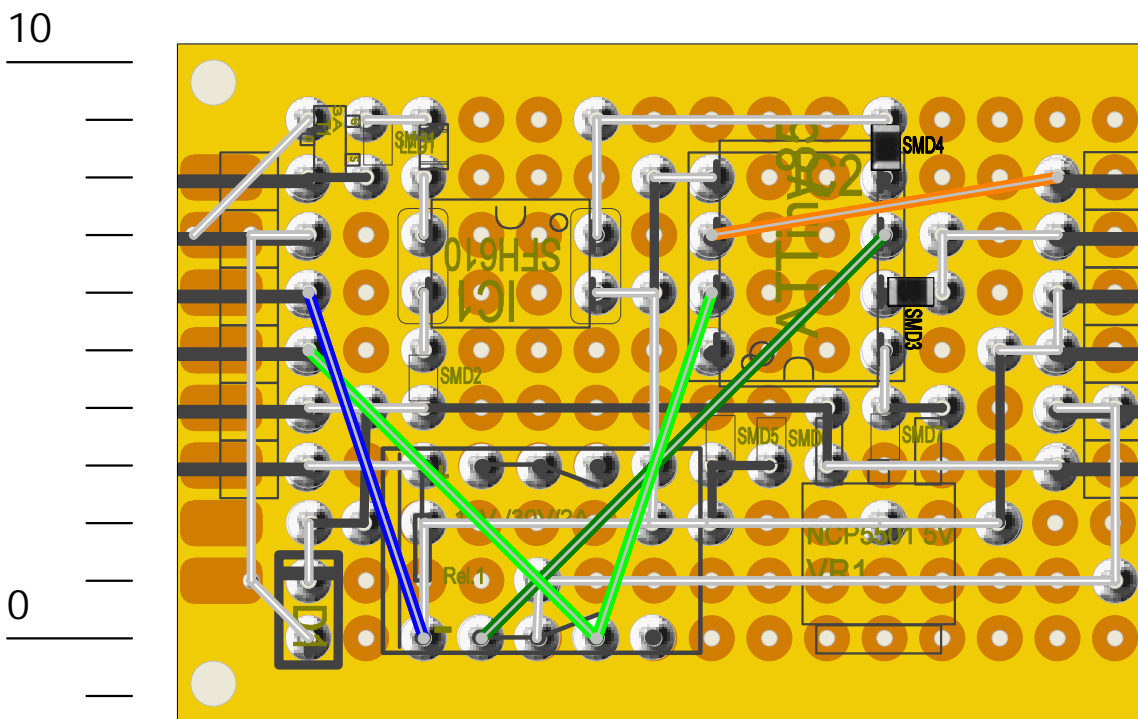
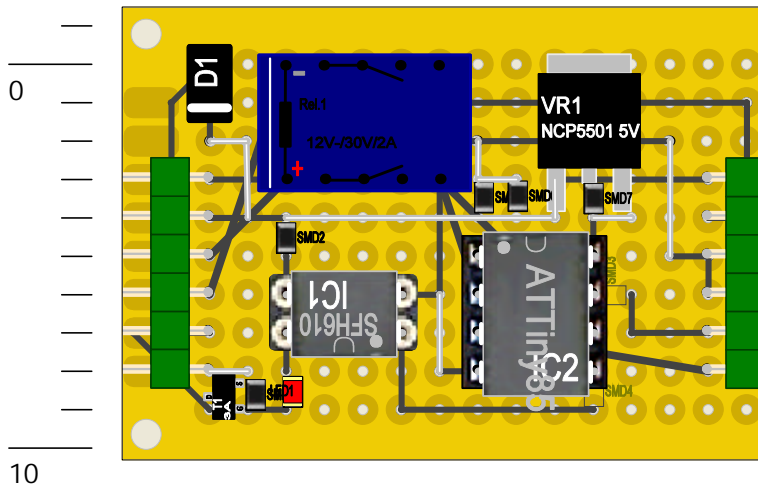
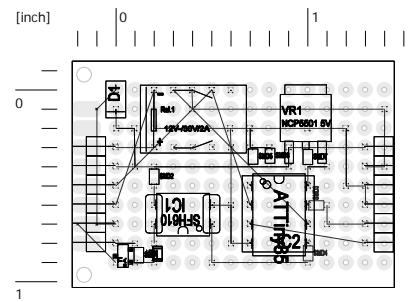
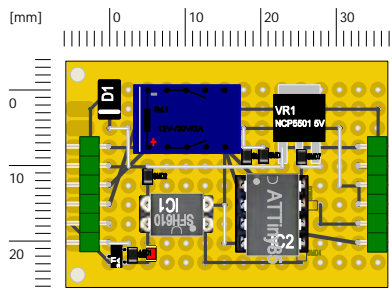
Laser

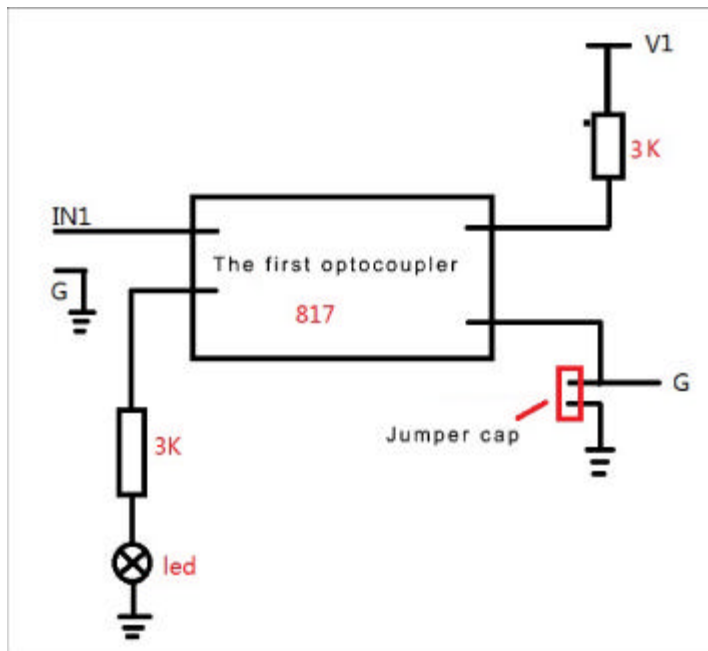
Deckelschalter

FANs

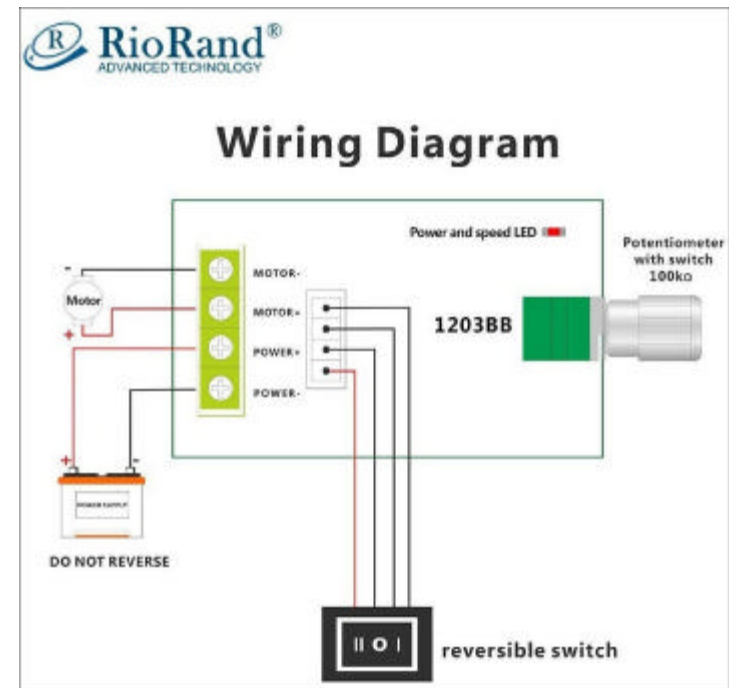




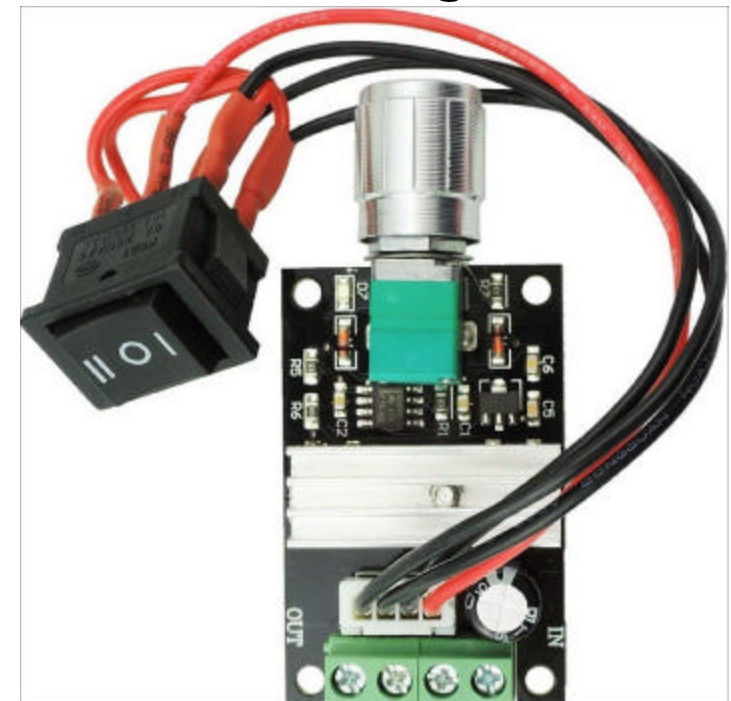
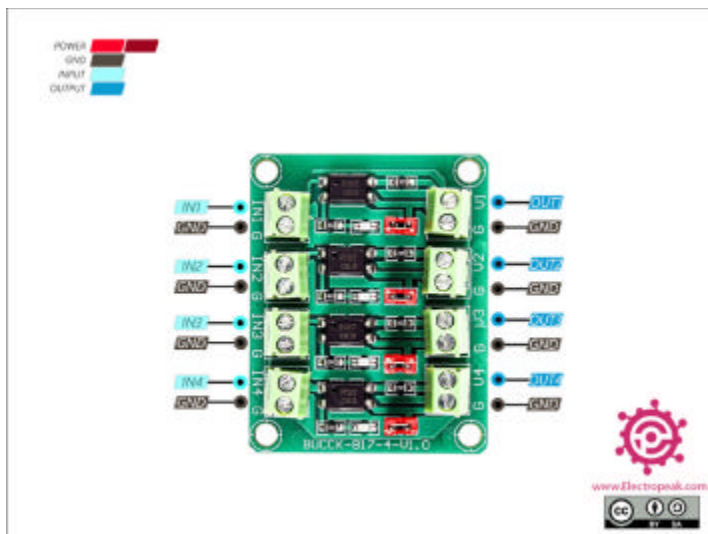




Optokoppler



PWM Regler



Stecker	Kontakt	Benennung		Farbe	Optokoppler		Bauteil	Farbe	Pin	Bauteil	Pin	Bauteil	Pin	Bauteil	Pin
X9 / X10	1	1													
		2	NotAus		weiss			SW9		3					
		3			rot					4					
		4	FAN+	PWR 4 12V	grau							Fans	+		
		5	Switch		grau								-		
		6	FAN+	PWR 4 12V	gelb							Fans	+		
		7	Switch		gelb								-		
		8	Deckeltaster	PWR 2 12V Relais	grau									SW7	1
				gelb									SW8	2	
X3 / X4	2	1	X links	gelb	out1a	in1a	SW1		2						
		2	X rechts	rosa	out1b	in1b	SW2		2						
		3	X-Achse	weiss											
		4	Motor	braun			Motor	grün							
		5		grau		blau									
		6		grün		violett									
				schwarz											
X5 / X6	3	1	Y hinten	gelb	out2a	in2a	SW3		2						
		2	Y vorne	rosa	out2b	in2b	SW4		2						
		3	Y-Achse links	weiss											
		4	Motor	braun			Motor	grün							
		5		grau		blau									
		6		grün		violett									
				schwarz											
X7 / X8	4	1	Y-Achse rechts	schwarz											
		2	Motor	braun			Motor	violett							
		3		grün/gelb		blau									
		4		grau		grün									
				grau				schwarz							
X11 / X12	5	1	Masse	sw 2				schwarz	2	Laser		<div>Ansicht von unten:</div> <div><div>vorne</div><div><div>1</div><div>2</div><div>3</div><div>4</div></div><div><div>Pwr</div><div>5</div></div><div>rechts</div></div>			
		2	LED Fix	sw 1				x	?	LEDA					
		3		-					-						
		4	Laser	Switch	sw 6		Laser	x	?	SW+					
		5			sw 5				?	LED K / SW -					
		6	Versorgungspg.	sw 4		rot		4							
		7	Steuersignal	sw 3		gelb		3	Laser						
		8			grün/gelb				-						
X1 / X2	PWR	1	Spannungsversorgung	GND	sw		Netzteil	GND		sw					
		2	Controller	12V	rt			+		rt					
		3	Spannungsversorgung	GND	sw		Netzteil	GND		sw					
		4	FAN	12V	rt			+		rt					