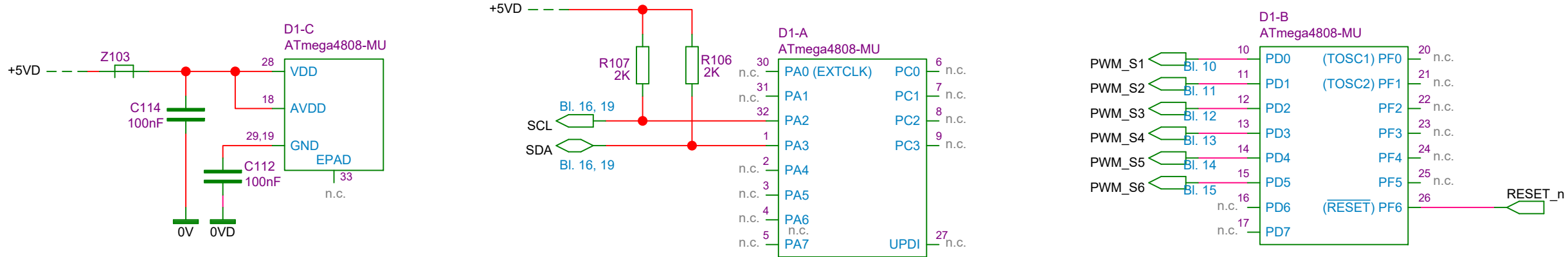
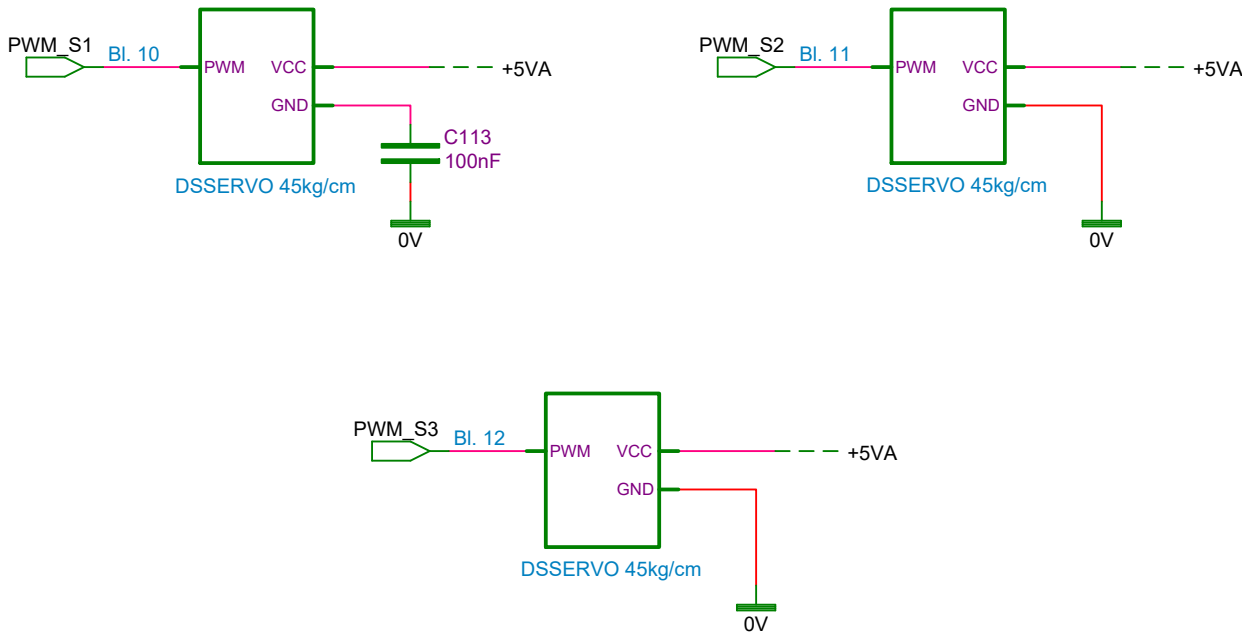


Abblock Kondensator -> C112; C114  
-> PWM Signale auf längere Leitungsstrecken  
-> Problematik davor: Aussetzen von Arduinos bei der Ansteuerung von Servomotoren aufgrund von vielen Pegelwechseln

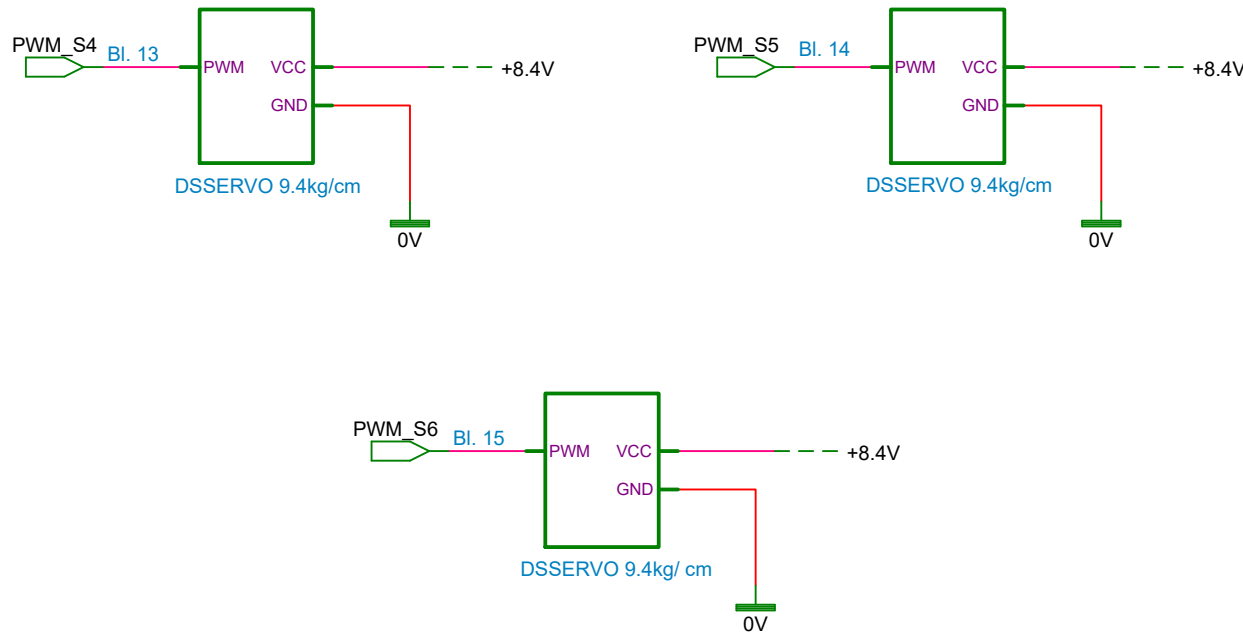
## Robot-unit



## 45 kg/cm Servomotoren



## 9.4 kg/cm Servomotoren



Aus Datenblatt: I\_max = 3.5A; V\_in = 6V  
P\_max = 3.5A \* 6V = 21W

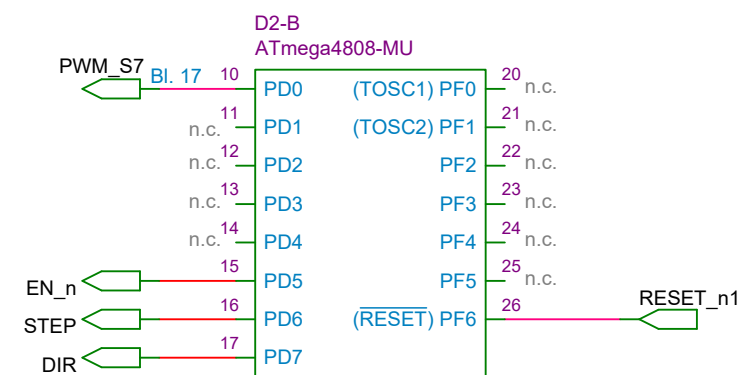
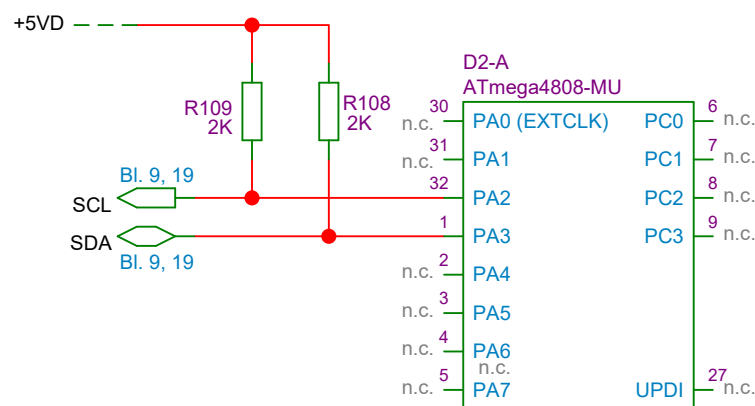
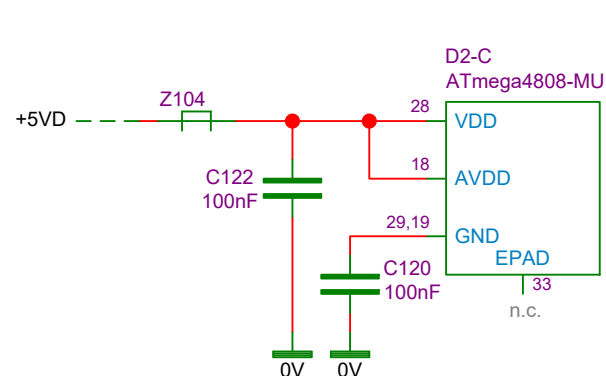
Aus Datenblatt: I\_max = 2A; V\_in = 8.4V  
P\_max = 2A \* 8.4V = 16.8W

For components see electrical  
bill of material  
Adress-Nr.: DailyM8-main

Drawn	11.06.2025	Marvin Bullinger	Changed	.	.	Description DAILY-M8 - Projektgruppenarbeit		Labor./Off. K60	Type of supplementary document Schematic	Authorization Group				Size A3
Change number		First issue	Checked	.	.									
ZEISS	Safety relevant No	Techn.	.	.	Material number		Project class, Component (level / counter / character)		Document no.		Doc. type	Doc. part	Version	Sh.
		P60 600 013		G / . / E					001	01	9			
		PC base									of 24			

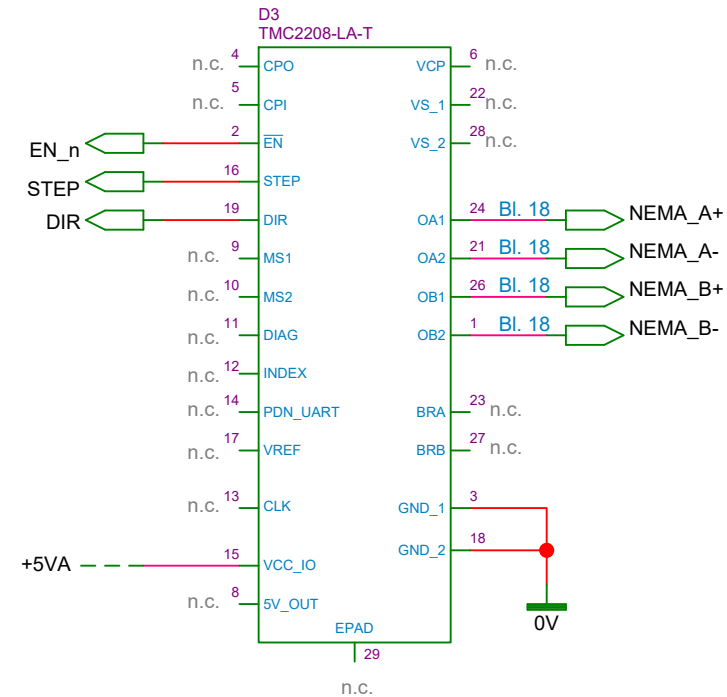
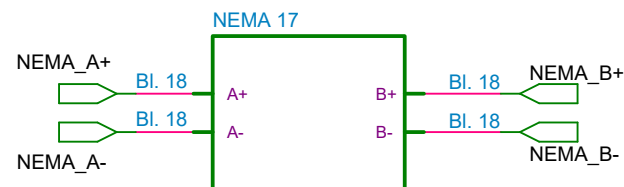
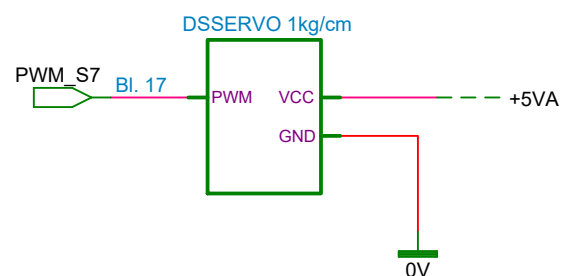
Abblock Kondensator -> C122; C120  
-> PWM Signale auf längere Leitungsstrecken  
-> Problematik davor: Aussetzen von Arduinos bei der Ansteuerung von Servomotoren aufgrund von vielen Pegelwechseln

## Turntable-unit



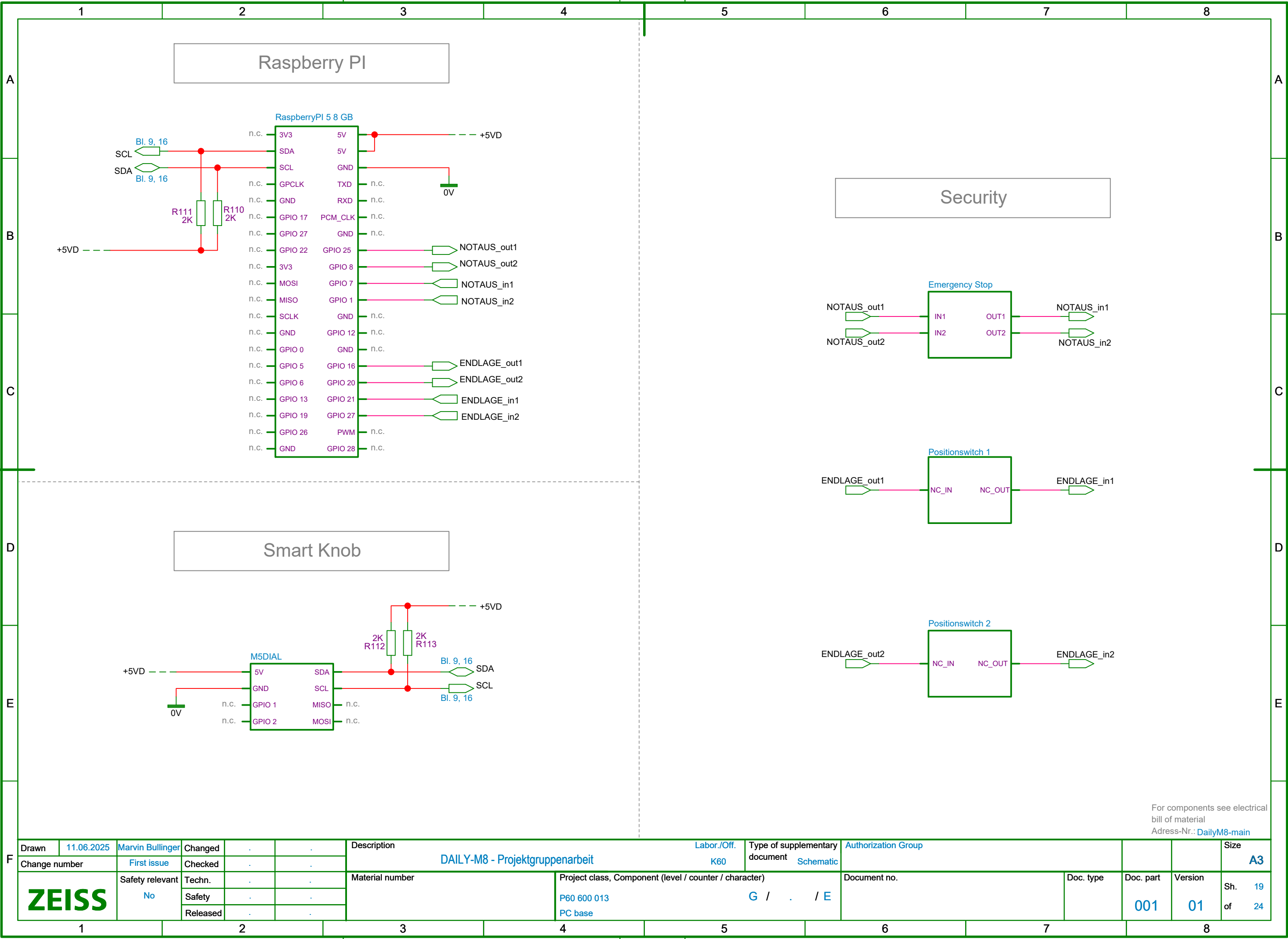
## Stepper & Treiber

## 45 kg/cm Servomotor



For components see electrical bill of material  
Adress-Nr.: DailyM8-main

Drawn	11.06.2025	Marvin Bullinger	Changed	.	.	Description		Labor./Off.	Type of supplementary document	Authorization Group					Size	
Change number		First issue	Checked	.	.	DAILY-M8 - Projektgruppenarbeit		K60	Schematic						A3	
ZEISS		Safety relevant No	Techn.	.	.	Material number		Project class, Component (level / counter / character)  P60 600 013 PC base			Document no.	Doc. type	Doc. part  001	Version  01	Sh. of	16 24
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For components see electrical bill of material  
Adress-Nr.: DailyM8-main

F	Drawn	11.06.2025	Marvin Bullinger	Changed	.	.	Description		Labor./Off.	Type of supplementary document	Authorization Group				Size			
	Change number		First issue	Checked	.	.	DAILY-M8 - Projektgruppenarbeit		K60	Schematic					A3			
	ZEISS		Safety relevant No	Techn.	.	.	Material number		Project class, Component (level / counter / character)  P60 600 013 PC base			Document no.		Doc. type	Doc. part	Version	Sh. of	19 24
				Safety	.	.												
				Released	.	.												