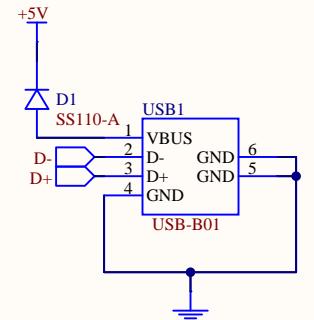
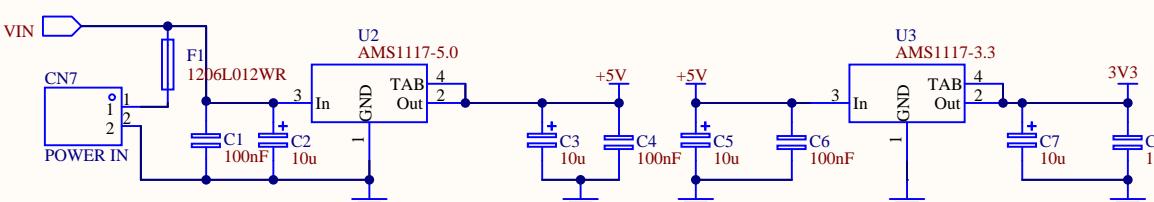


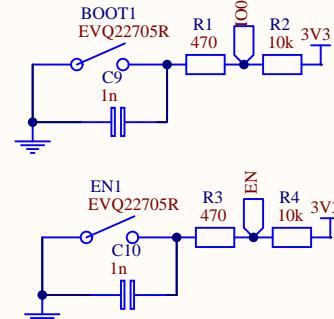
USB



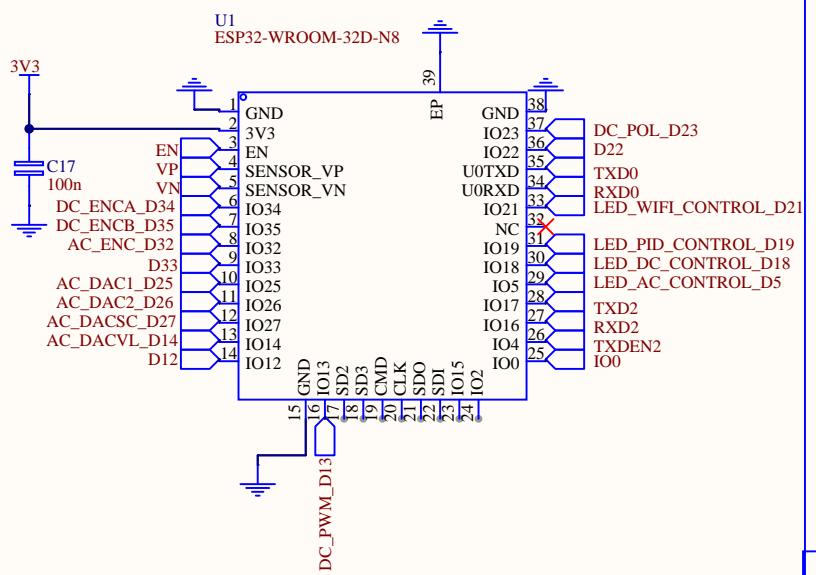
VOLTAGE REGULATOR



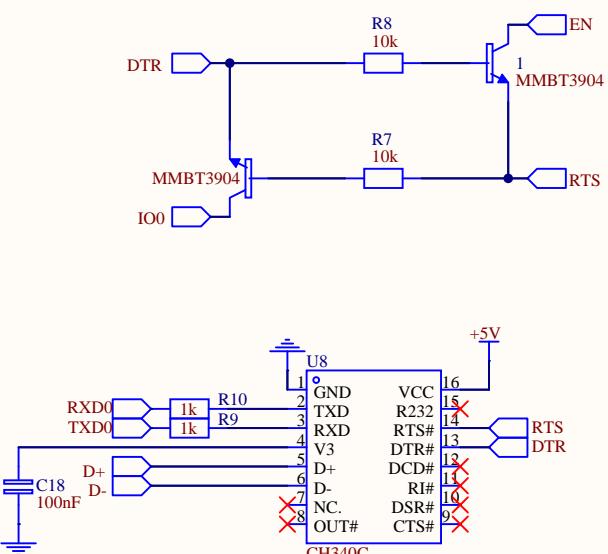
BOOT & ENABLE



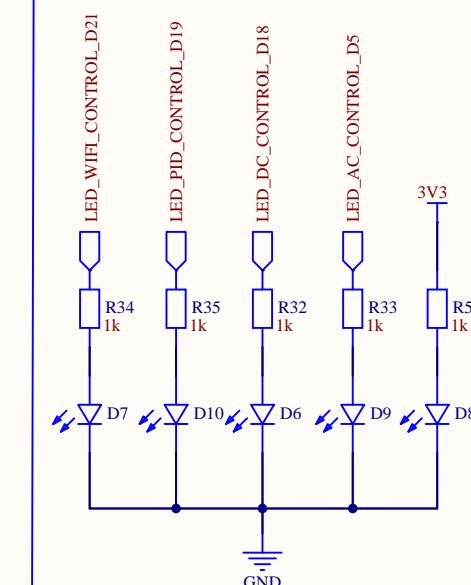
MCU



DOWNLOADER

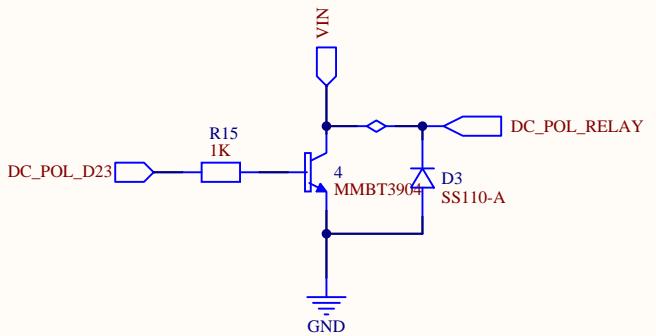


INDICATOR

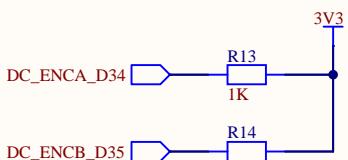


Schematic	Board Plant_1			Create at	2025-10-20
Board	ESP32_V2_Plant Board_Abed_Double Sided			Update at	2025-12-04
Drawn				Page	Minsys
Reviewed					
				Pjbl3_2025-2026	
			Version	Size	Page 1 Total 4
			V1.0	A4	EasyEDA.com

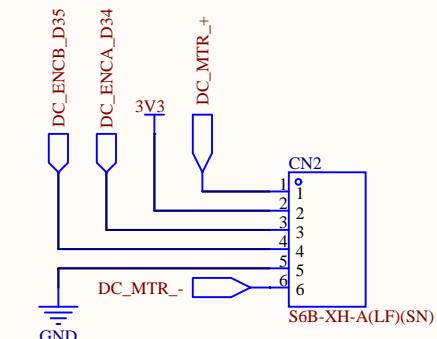
Relay Driver



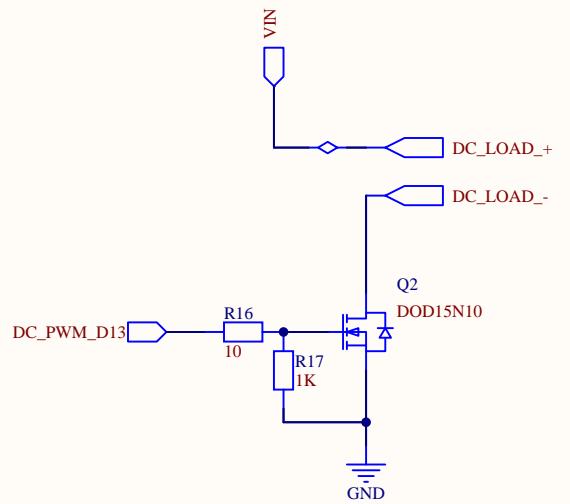
Encoder Pull Up



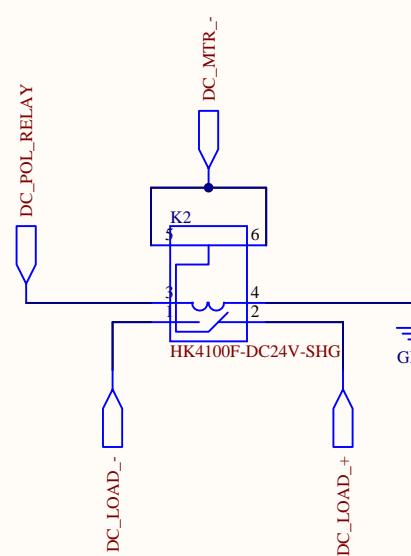
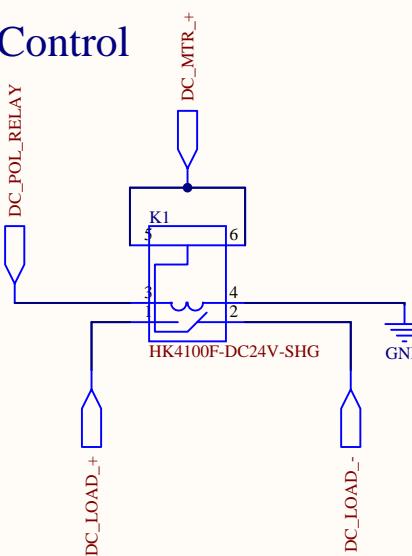
DC Motor Conector



PWM Driver

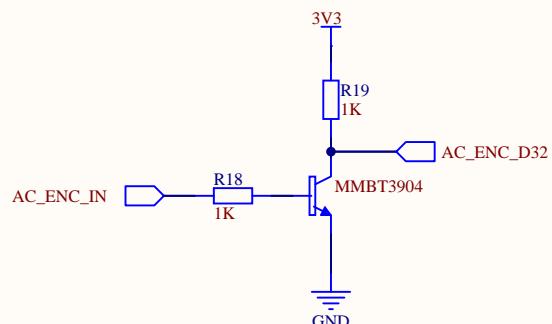


Direction Control

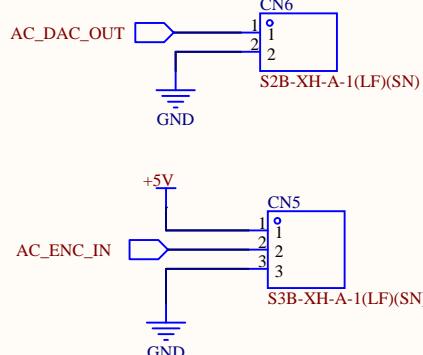


Schematic	Board Plant_1			Create at	2025-10-20		
Board	ESP32_V2_Plant Board_Abed_Double Sided			Update at	2025-12-04		
Drawn	Pjbl 3-8			Page	DC Motor Control		
Reviewed				Pjbl3_2025-2026			
	Version	Size	Page 2 Total 4				
	V1.0	A4	Pjbl-3 2025/2026				

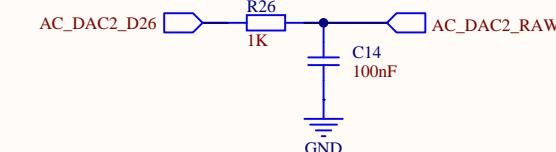
5V to 3.3V Level Converter



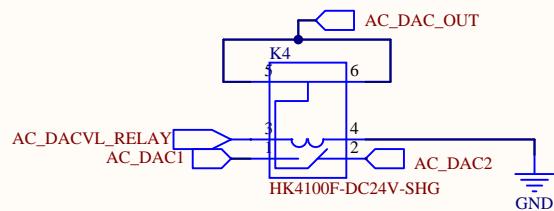
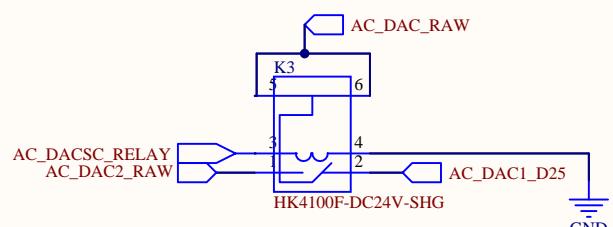
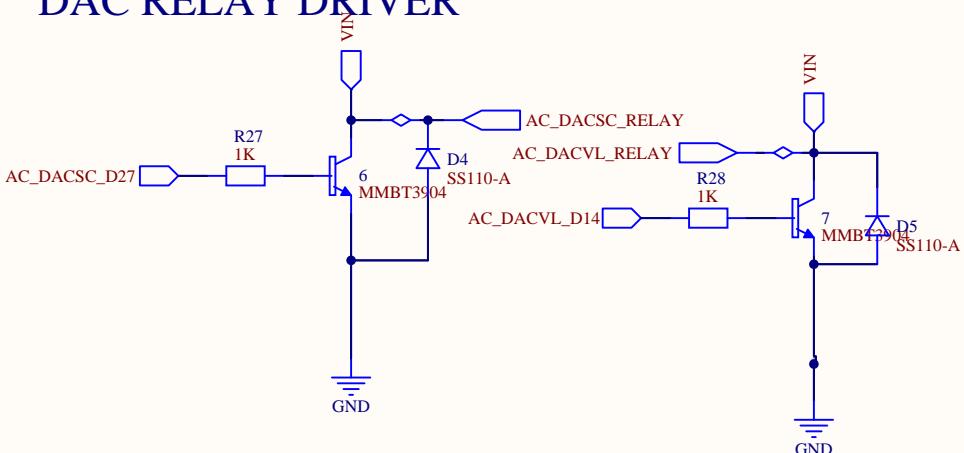
AC Motor Encoder & DAC Connector



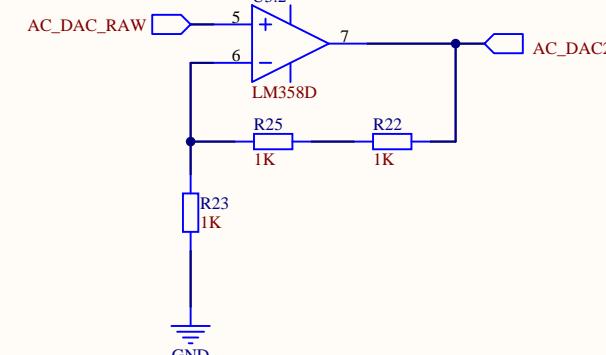
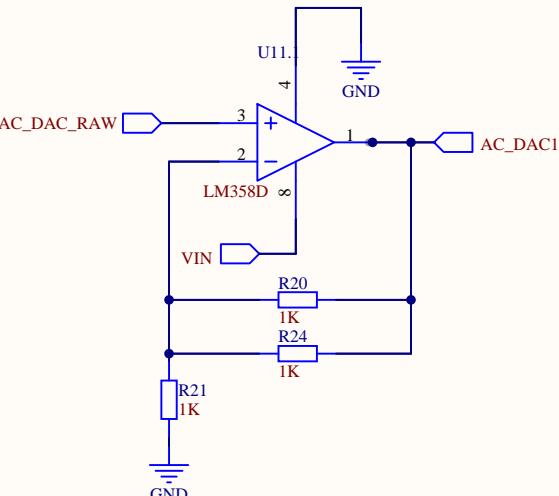
PWM TO ANALOG



DAC RELAY DRIVER

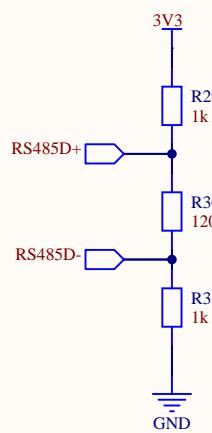
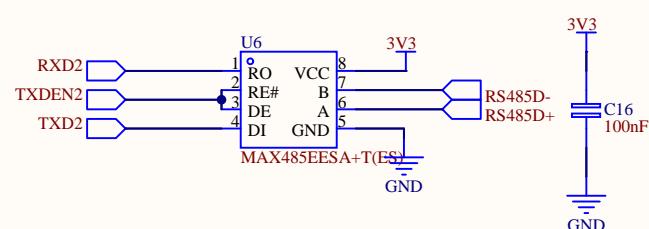


3.3V to 5V & 10 V DAC Converter

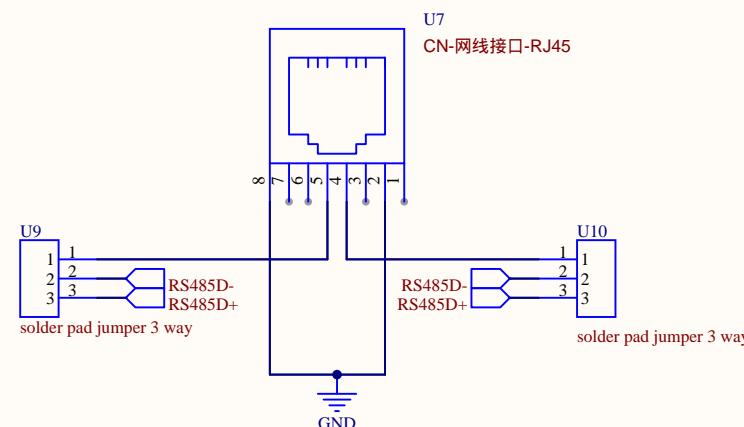


Schematic	Board Plant_1		Create at	2025-10-20
Board	ESP32_V2_Plant Board_Abed_Double Sided		Update at	2025-12-04
Drawn			Page	AC Motor Control
Reviewed				
	Version	Size	Page 3 Total 4	
	V1.0	A4		EasyEDA.com

TTL to RS485



Ethernet connector



Schematic	Board Plant_1		Create at	2025-10-20
			Update at	2025-10-21
Board	ESP32_V2_Plant Board_Abed_Double Sided		Page	AC Motor Contro RS485
Drawn				

Reviewed	Pjbl3_2025-2026		
	Version	Size	Page 4 Total 4