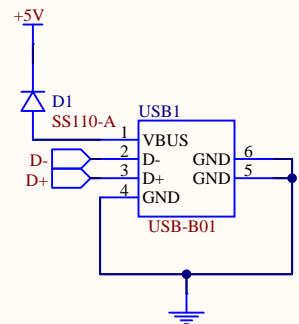
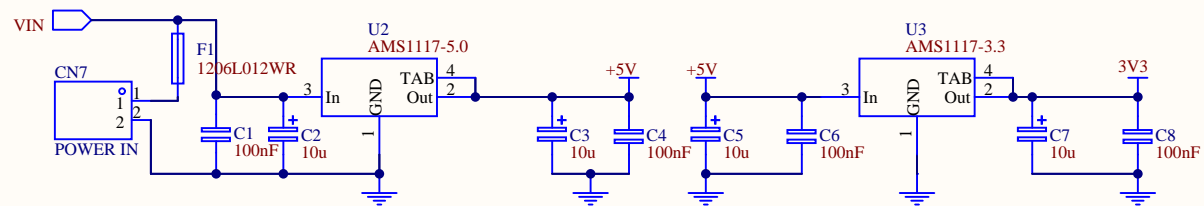


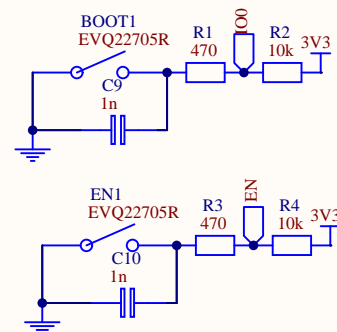
USB



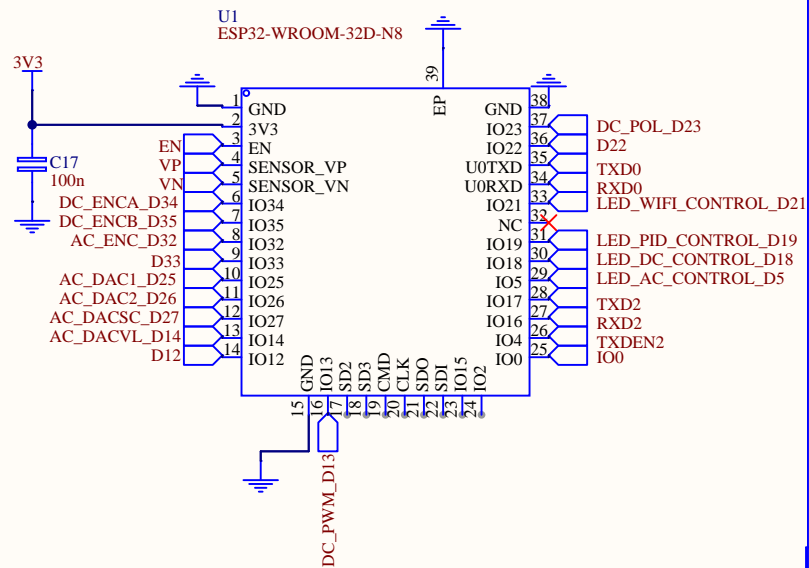
VOLTAGE REGULATOR



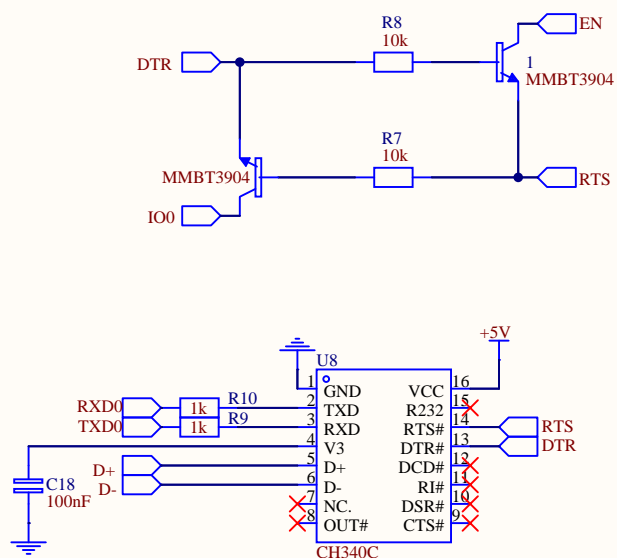
BOOT & ENABLE



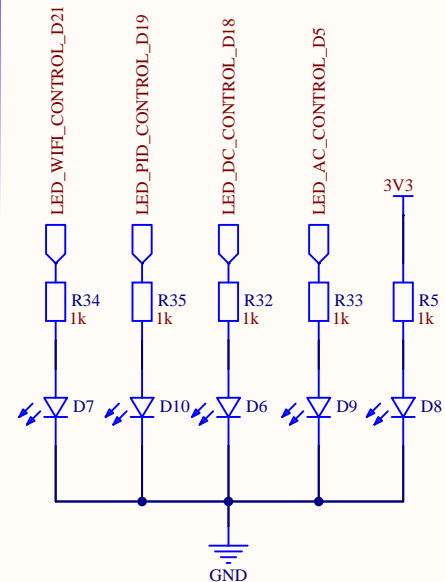
MCU



DOWNLOADER



INDICATOR



Schematic

Board Plant_1

Create at 2025-10-20

Update at 2025-12-04

Board

ESP32_V2_Plant Board_Abed_Double Sided

Page

Minsys

Drawn

Reviewed

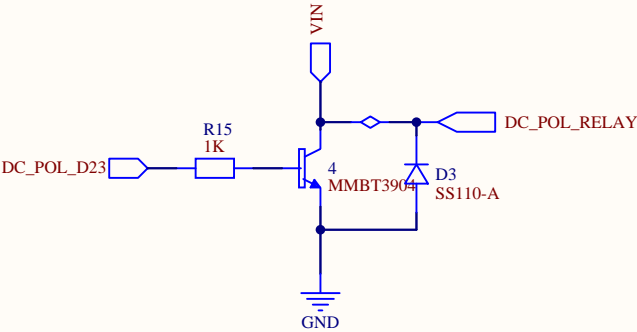
Pjb13_2025-2026

Version

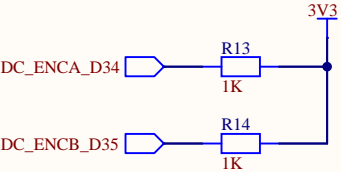
Size

Page 1 Total 4

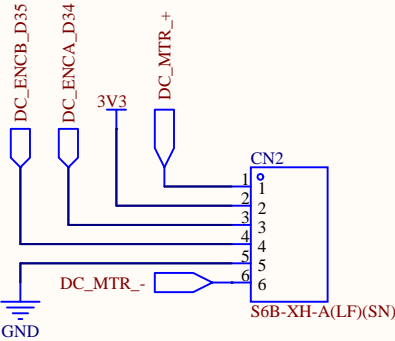
Relay Driver



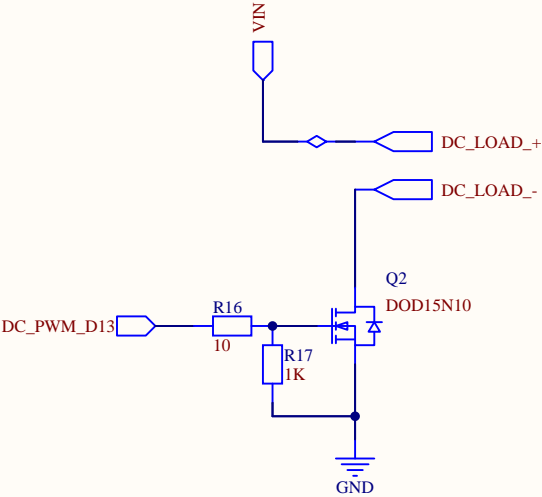
Encoder Pull Up



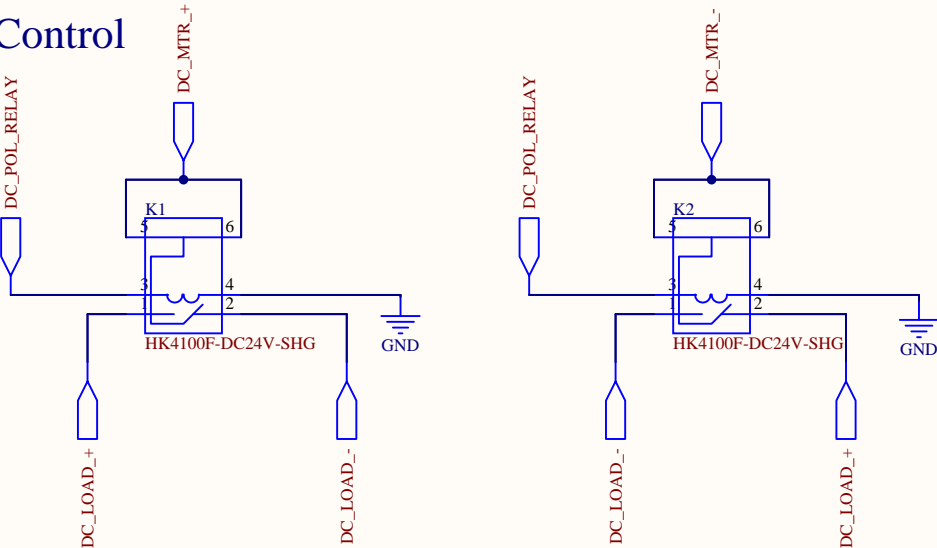
DC Motor Conector



PWM Driver

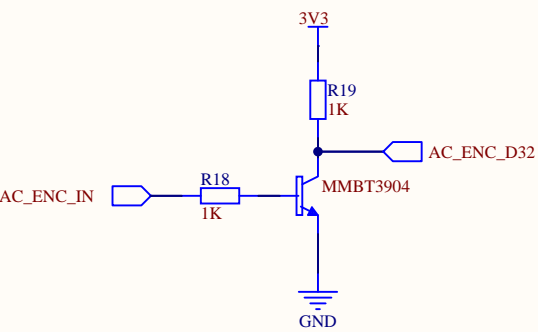


Direction Control

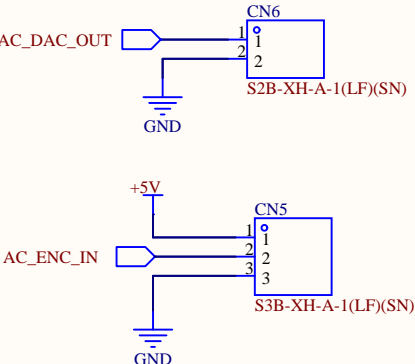


Schematic	Board Plant_1			Create at	2025-10-20
Board	ESP32_V2_Plant Board_Abed_Double Sided			Update at	2025-12-04
Drawn	Pjbl 3-8	Pjbl3_2025-2026			
Reviewed					
		Version	Size	Page 2 Total 4	
		V1.0	A4	Pjbl-3 2025/2026	

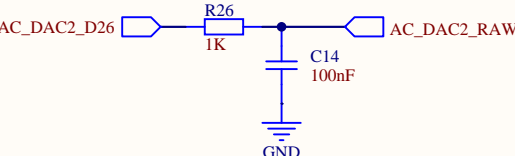
5V to 3.3V Level Converter



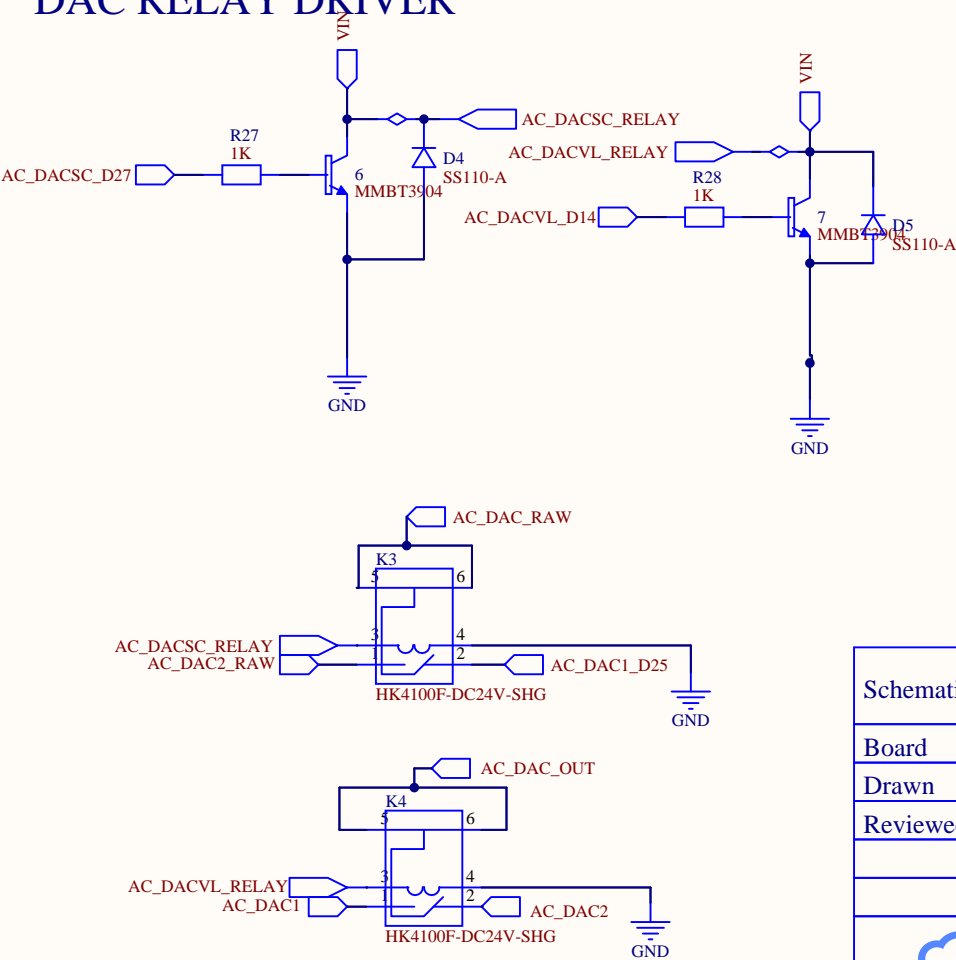
AC Motor Encoder & DAC Connector



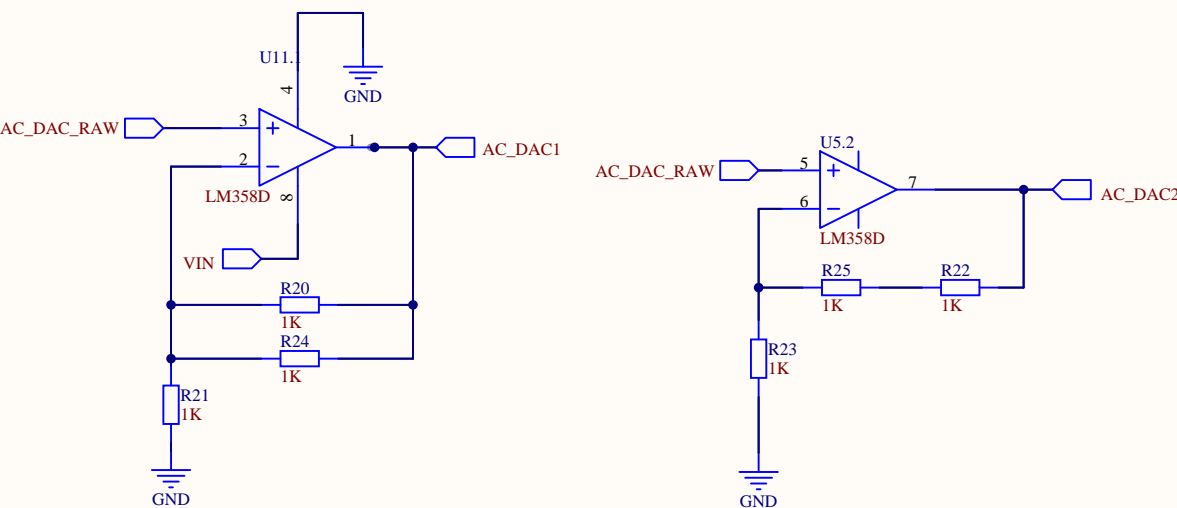
PWM TO ANALOG



DAC RELAY DRIVER

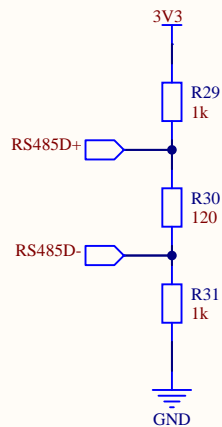
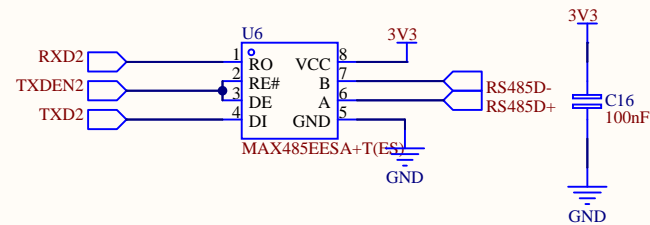


3.3V to 5V & 10 V DAC Converter

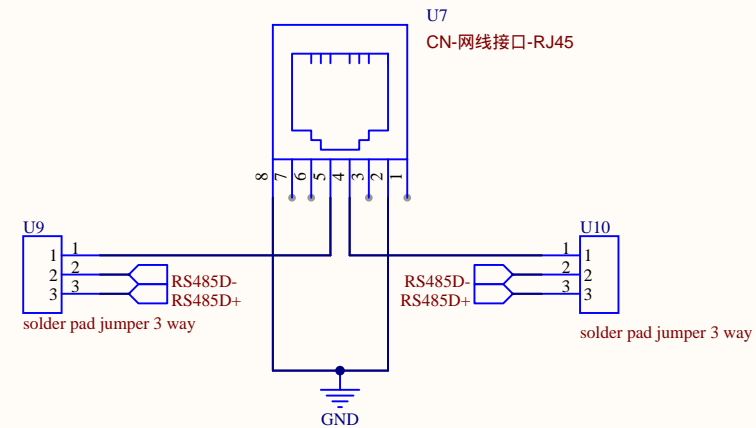



Schematic	Board Plant_1			Create at	2025-10-20
				Update at	2025-12-04
Board	ESP32_V2_Plant Board_Abed_Double Sided			Page	AC Motor Control
Drawn	Pjbl3_2025-2026				
Reviewed					
		Version	Size	Page 3 Total 4	
		V1.0	A4	EasyEDA.com	

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		Pjbl3_2025-2026			
Reviewed					
		Version	Size	Page 4 Total 4	
		V1.0	A4	EasyEDA.com	