

[24V IN] [Protection] [Power Tree]

[ESP32 DEV KIT]

- | I2C
- | SPI
- | GPIO
- | UART

[CARD EDGE]

[PCB-B]
Motors
Sensors
Relays

Setting	Value
Layers	4
Thickness	1.6mm
Copper	2oz outer / 1oz inner
Finish	ENIG

SCREW1



SCREW2



SCREW3



SCREW4




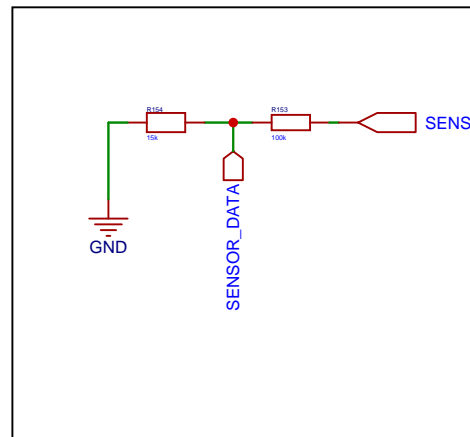
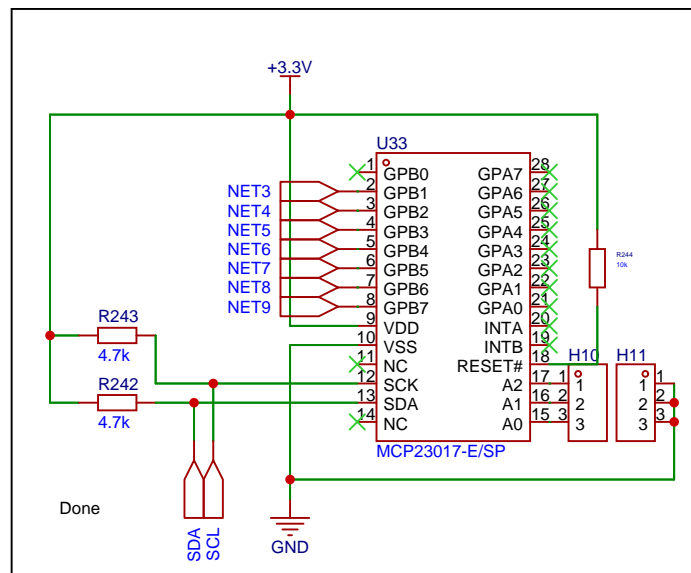
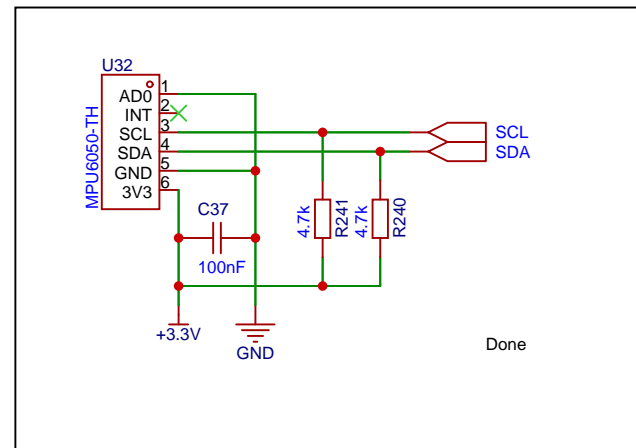
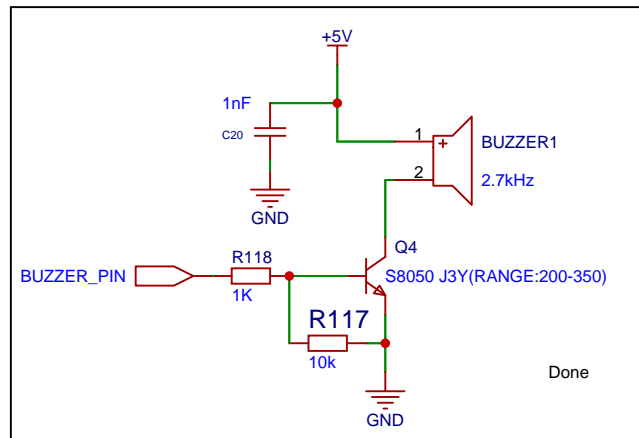
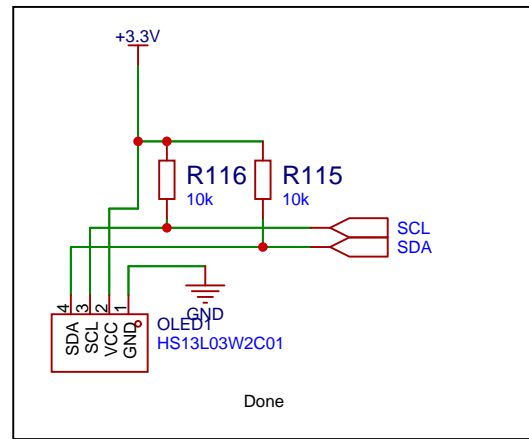
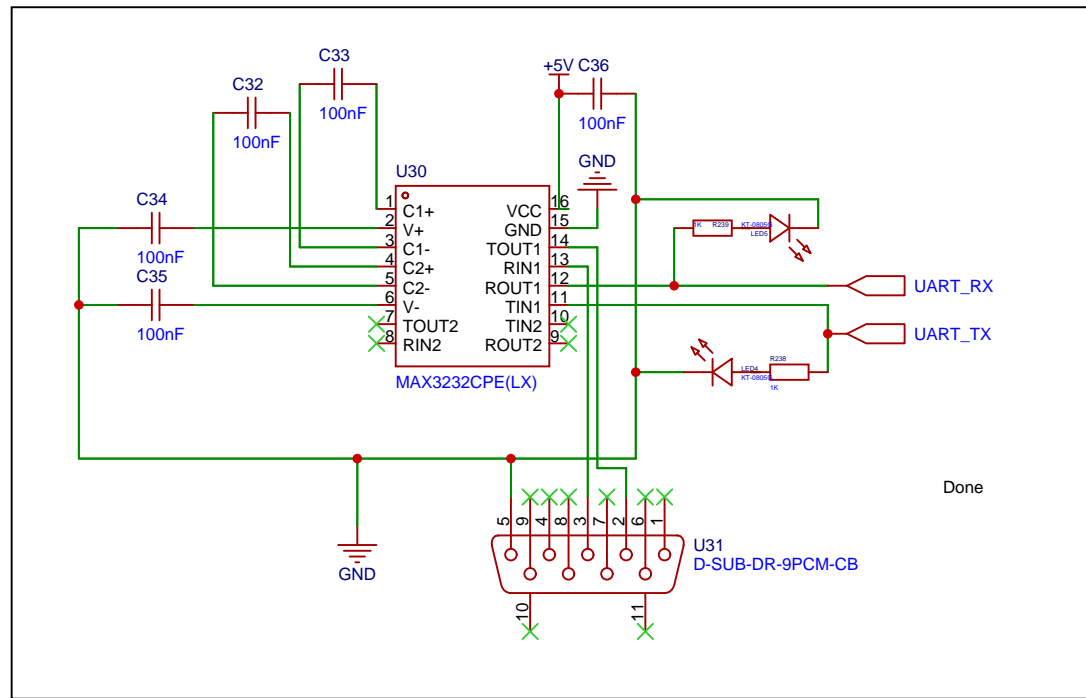
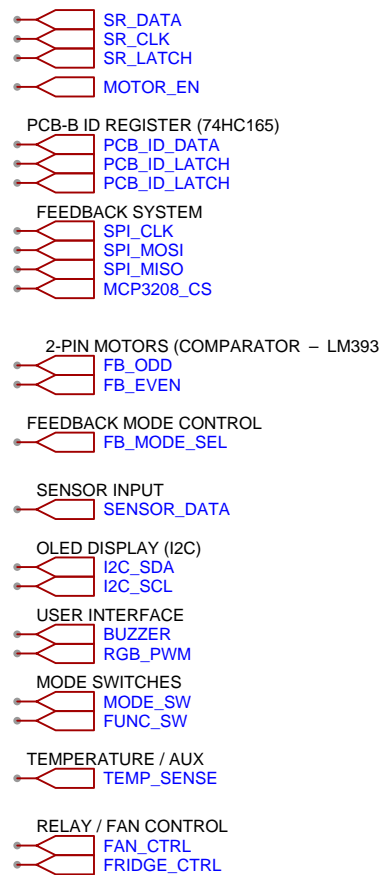
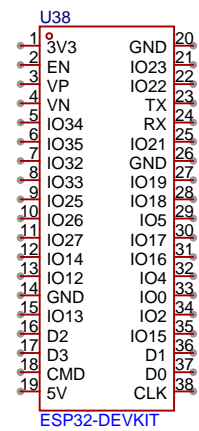
SCREW5



SCREW6




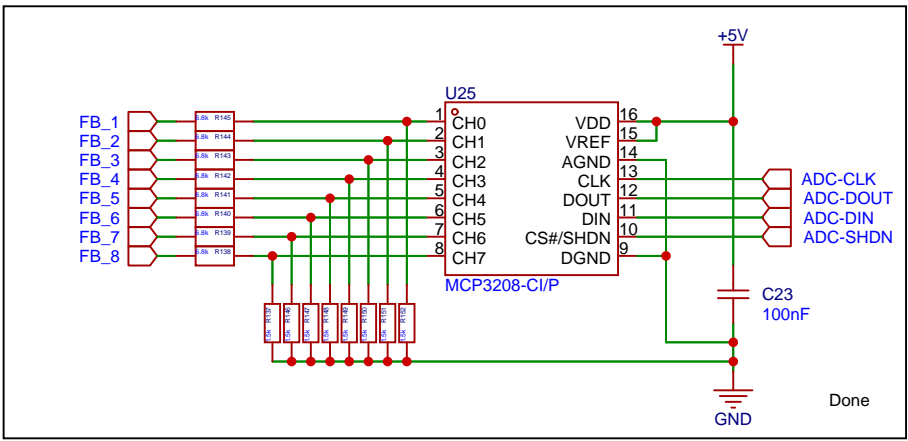
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				Update at	2026-01-23
Board	Board1			Page	SYSTEM OVERVIEW
Drawn		MV2			
Reviewed					
		Version	Size	Page 1 Total 7	
		V1.0	A4	EasyEDA.com	



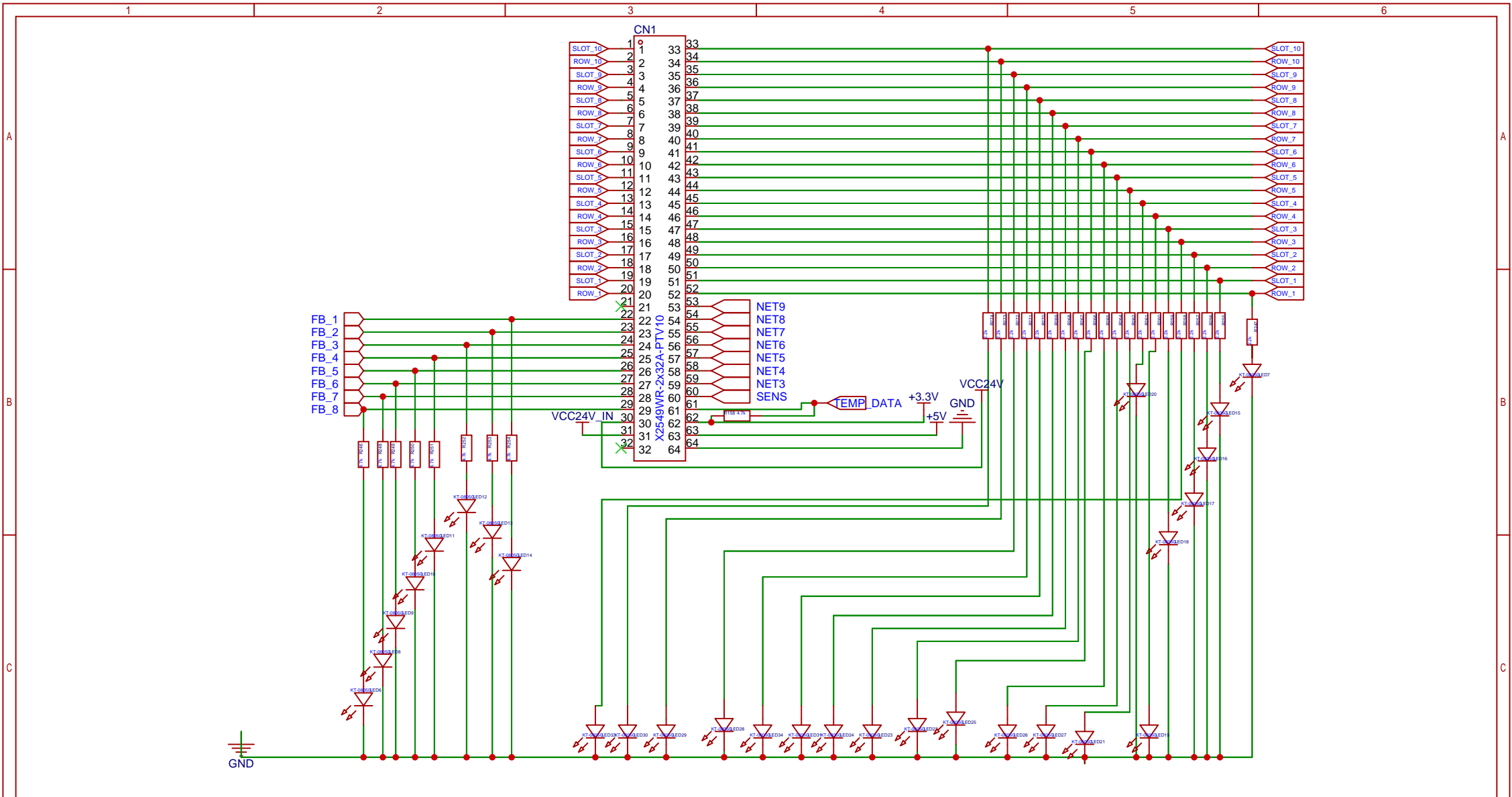
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Board	Board1			Update at	2026-01-27
Drawn				Page	ESP32 DEV KIT
Reviewed					INTERFACE
			MV2		
			Version	Size	Page 3 Total 7
			V1.0	A4	EasyEDA.com

1	2	3	4	5	6
A					A
B					B
C					C
D					D
1	2	3	4	5	6

Schematic	Schematic1			Create at	2026-01-20
Board	Board1			Update at	2026-01-21
Drawn		MV2			
Reviewed					
		Version	Size	Page 4 Total 7	
		V1.0	A4	EasyEDA.com	



Schematic	Schematic1			Create at	2026-01-21
Board	Board1			Update at	2026-01-27
Drawn		MV2			
Reviewed					
		Version	Size	Page 6 Total 7	
EasyEDA		V1.0	A4	EasyEDA.com	



Done

Schematic	Schematic1			Create at	2026-01-21
Board	Board1			Update at	2026-01-27
Drawn	MV2			Page	CARD EDGE CONNECTOR
Reviewed					
		Version	Size	Page 7 Total 7	
		V1.0	A4	EasyEDA.com	