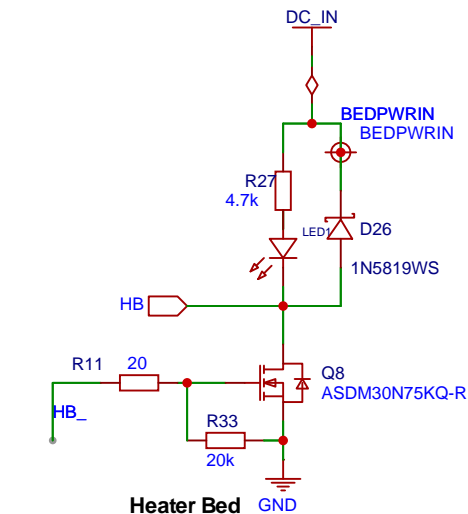
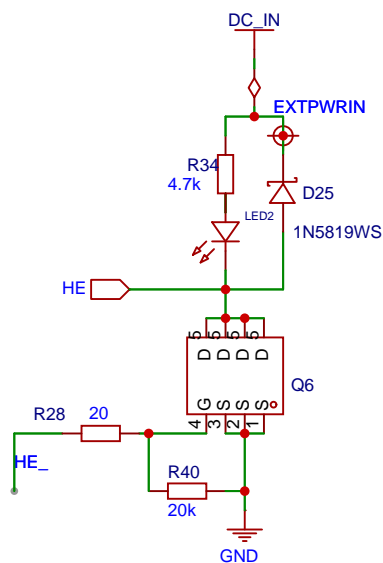


Schematic	Schematics			Update Date	2024-06-04
Page	Power			Create Date	2024-03-20
Drawn	H Keni	Amken_Revelop			
Reviewed	EasyEDA				
		VER	SIZE	PAGE	1 OF 8
EasyEDA		V0.1	A4	Amken LLC	

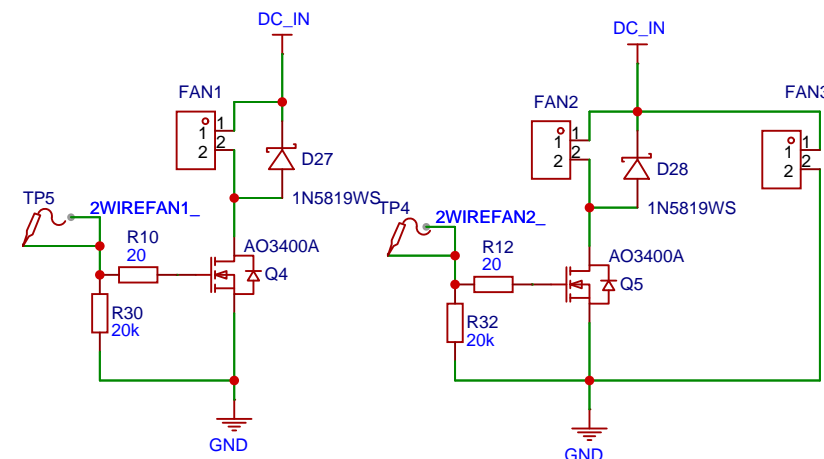




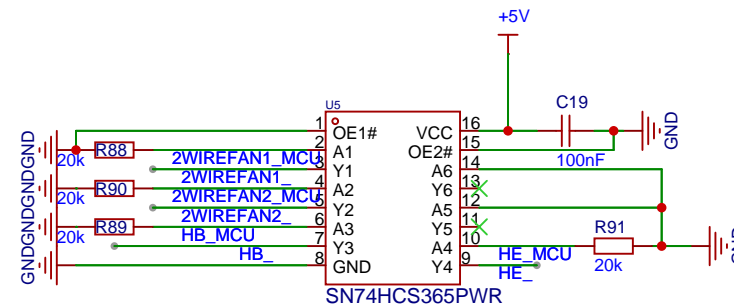
Heater Bed



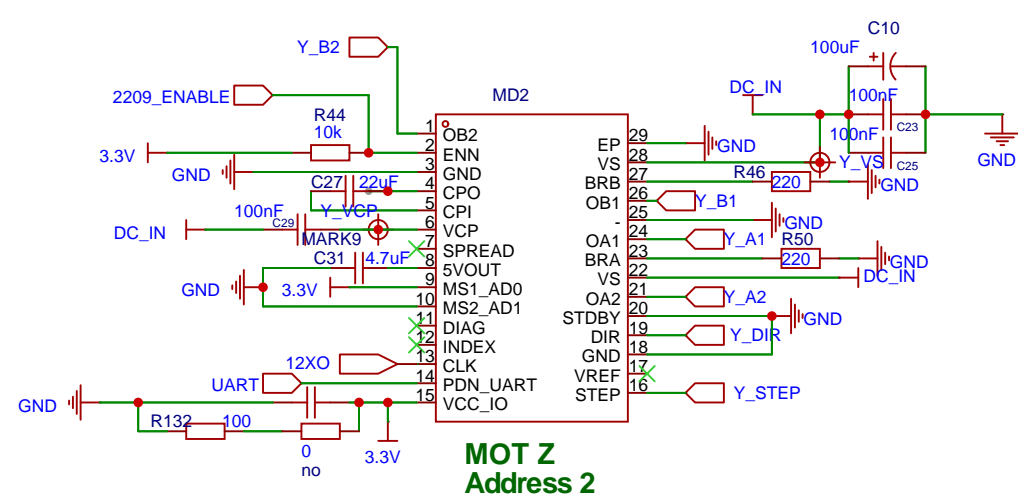
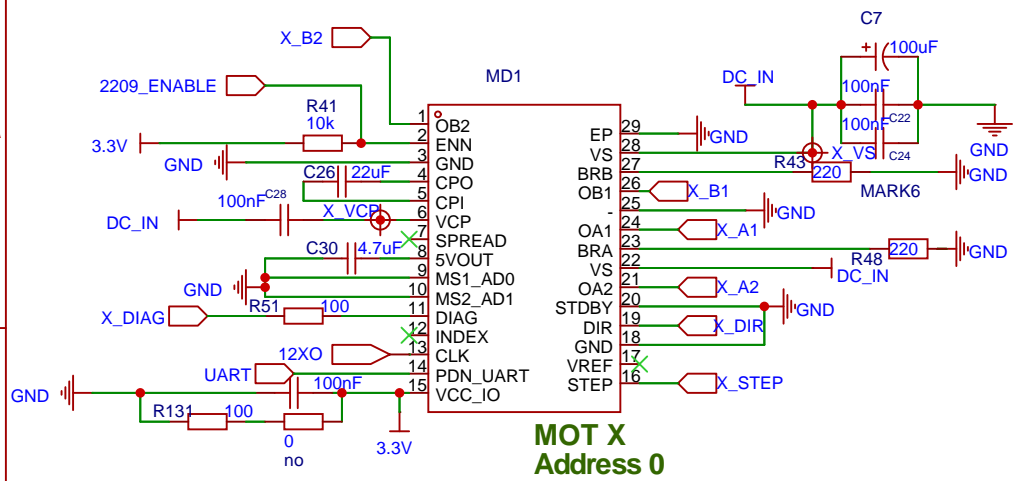
Heater Extruder



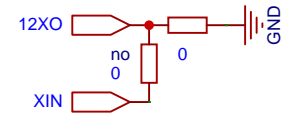
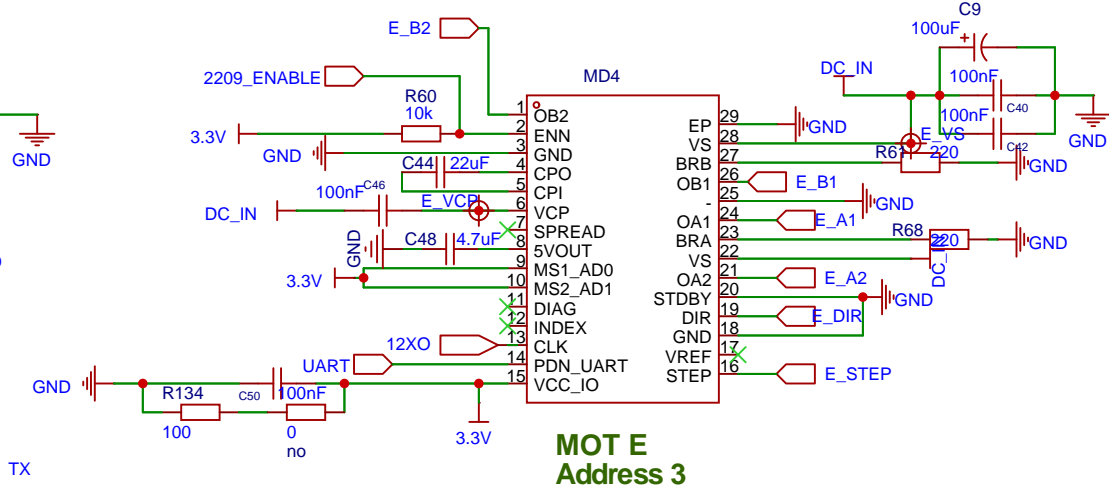
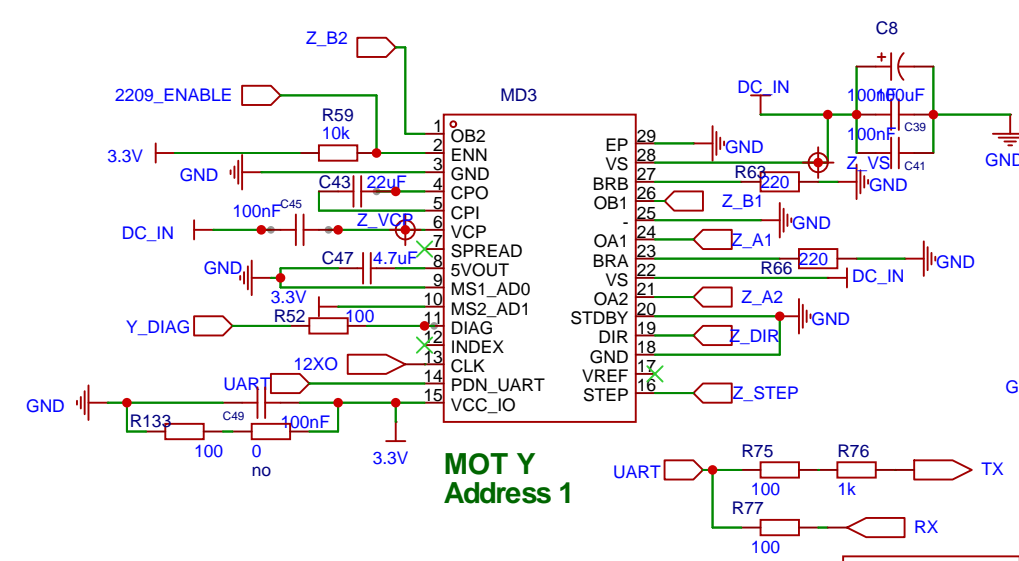
2 Wire 24V PWM Fans



Schematic	Schematics			Update Date	2024-06-04
Page	Outputs			Create Date	2024-03-20
Drawn	H Keni	Amken_Revelop			
Reviewed					
		VER	SIZE	PAGE	3 OF 8
EasyEDA		V1	A4	Amken LLC	

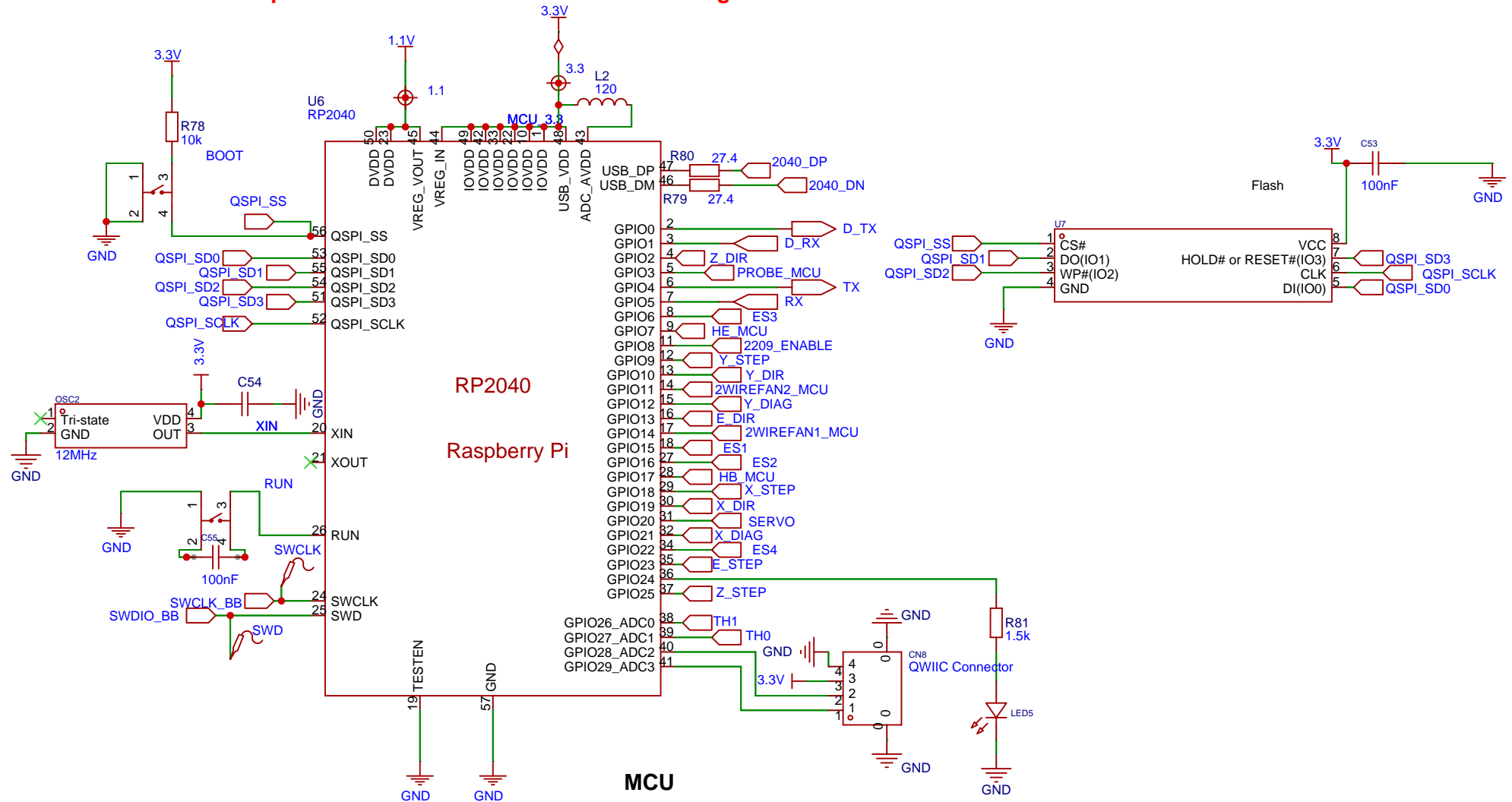


The schematic prefixes of Moter Y and Motor Z are interchanged

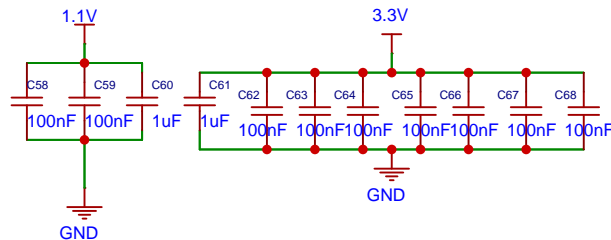


Schematic	Schematics		Update Date	2024-06-04
			Create Date	2024-03-20
Page	Motors		Part Number	AR001
Drawn	H Keni	Amken_Revelop		
Reviewed				
		VER	SIZE	PAGE 4 OF 8
EasyEDA		V1	A4	Amken LLC

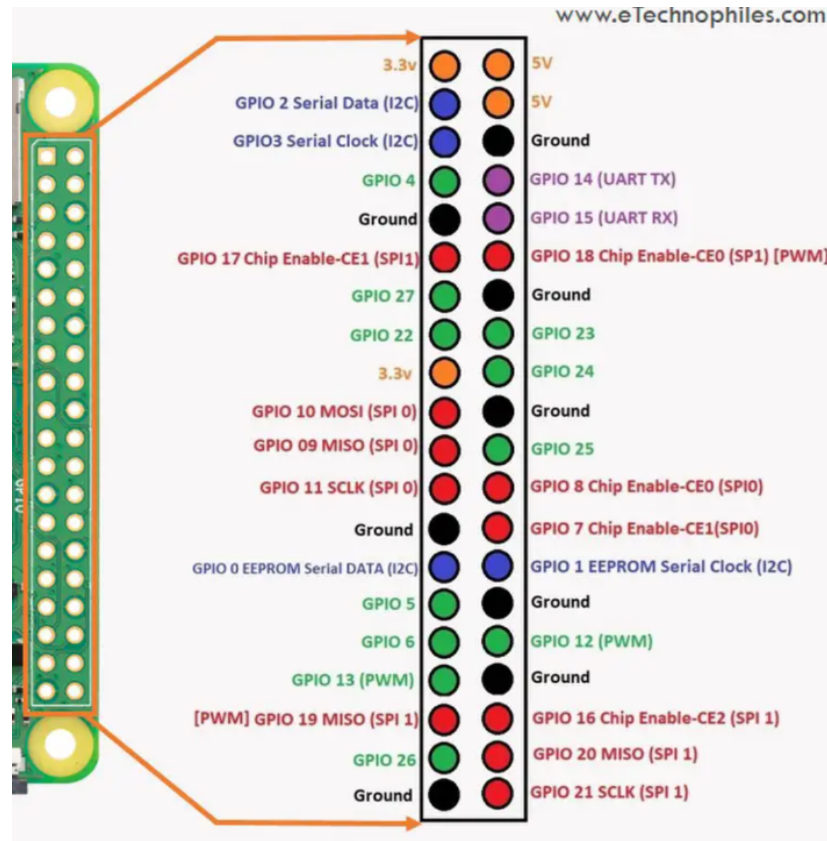
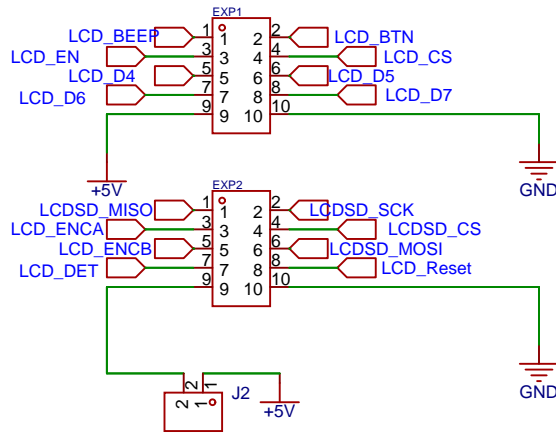
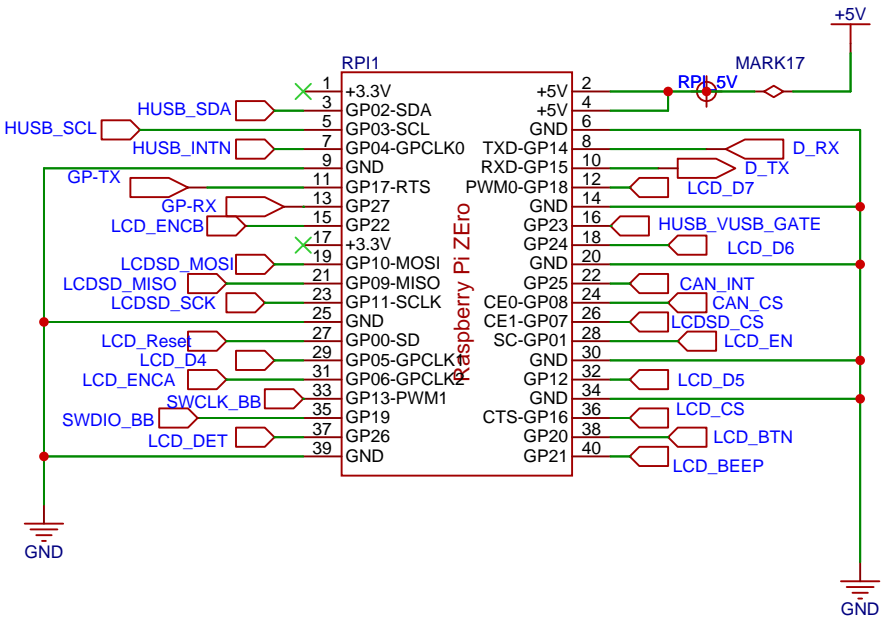
The schematic prefixes of Motor Y and Motor Z are interchanged



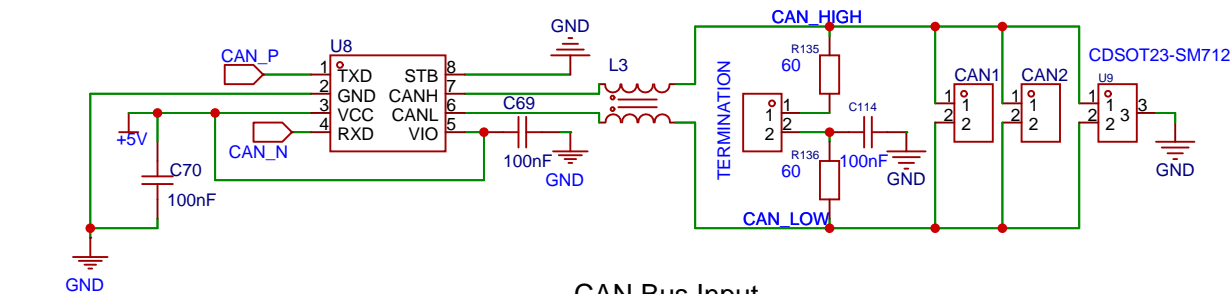
Make Sure C75 is close to pin 45  
Make Sure C76 is close to pin 44



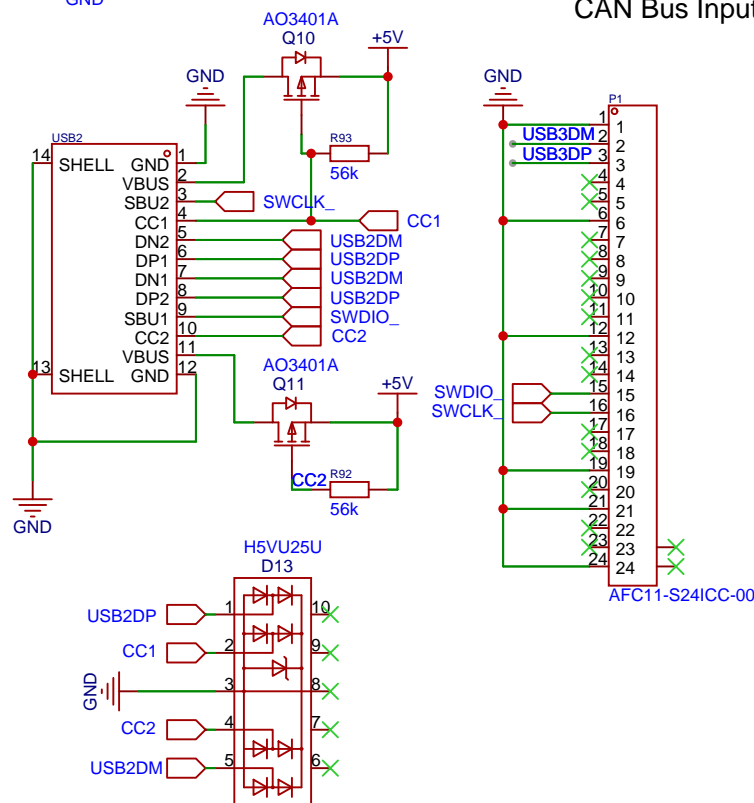
Schematic	Schematics		Update Date	2024-06-04
			Create Date	2024-03-20
Page	MCU		Part Number	AR001
Drawn	H Keni	Amken_Revelop		
Reviewed	EasyEDA			
		VER	SIZE	PAGE 5 OF 8
		V1	A4	Amken LLC



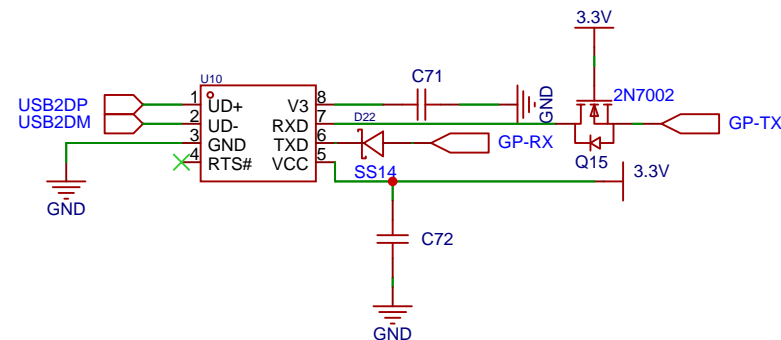
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Page	RPI			Part Number	AR001
Drawn	H Keni	Amken_Revelop			
Reviewed					
		VER	SIZE	PAGE	6 OF 8
EasyEDA		V1	A4	Amken LLC	



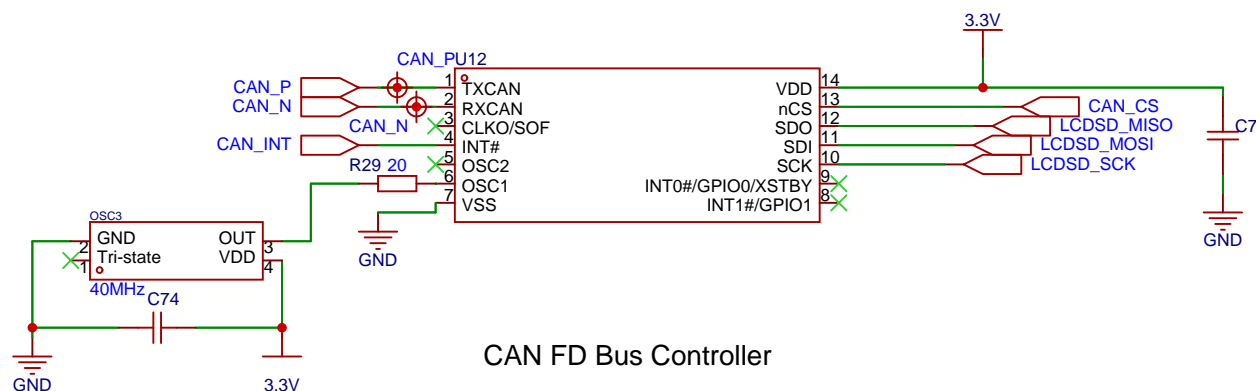
CAN Bus Input




Orange PI function extender FFP connector

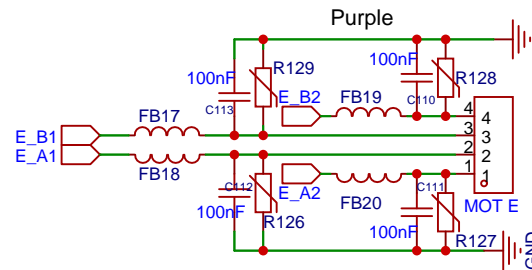
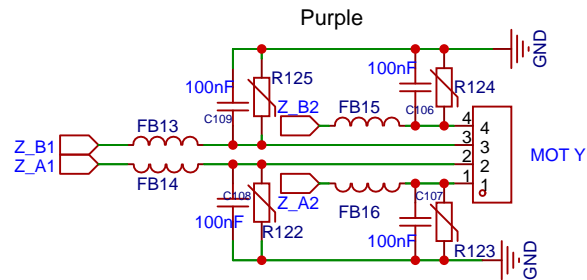
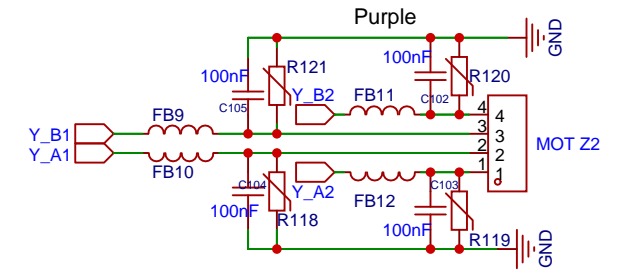
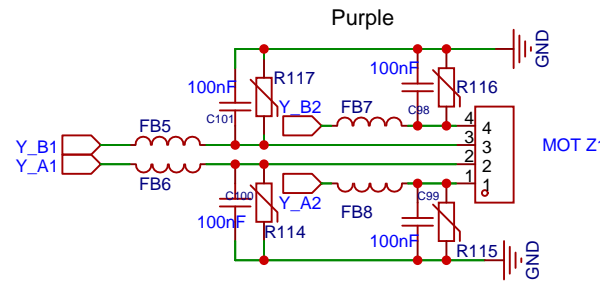
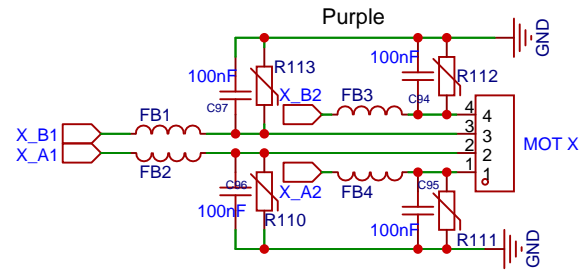


USB to UART



CAN FD Bus Controller

Schematic	Schematics			Update Date	2024-06-01
				Create Date	2024-03-21
Page	RPI_Comms			Part Number	AR001
Drawn	H Keni	Amken_Revelop			
Reviewed					
		VER	SIZE	PAGE	7 OF 8
		V1	A4		



Schematic	Schematics		Update Date	2024-06-04
			Create Date	2024-03-20
Page	Motor Protection and Reset Circuits		Part Number	AR001
Drawn	H Keni	Amken_Revelop		
Reviewed				
		VER	SIZE	PAGE 8 OF 8
EasyEDA		V1	A4	