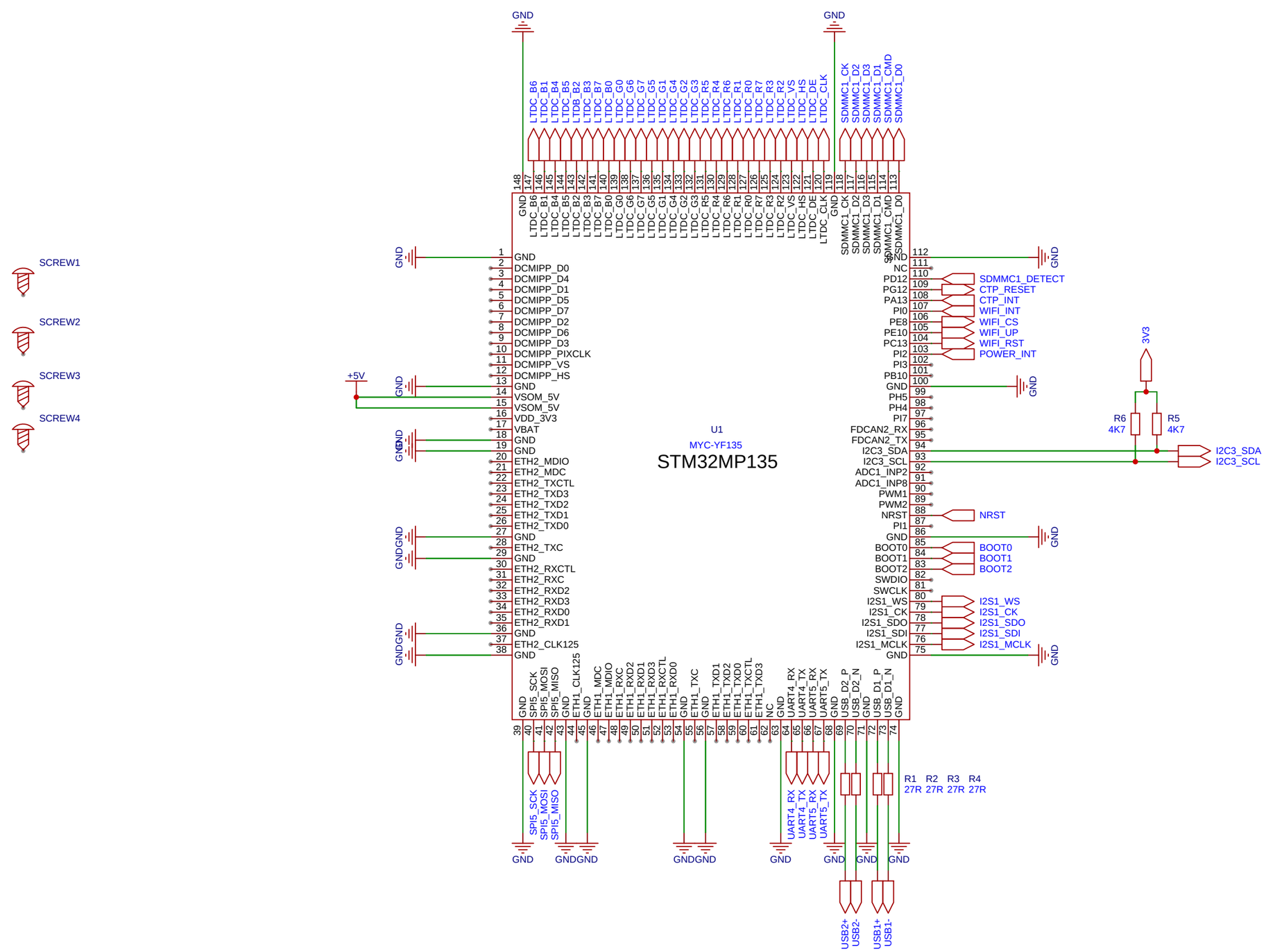
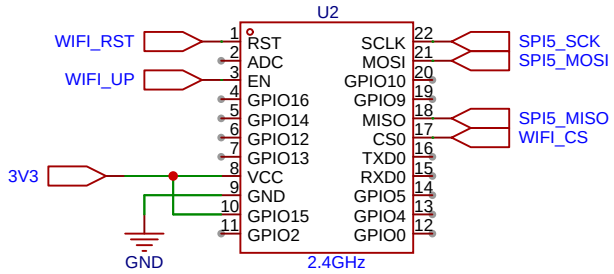


Schematic	STM32MP135 Dev Board	Update Date	2024-06-06
		Create Date	2024-06-06
Page	MYC-YF135	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE
		V0.1	A4
EasyEDA		PAGE 1 OF 8	EasyEDA.com

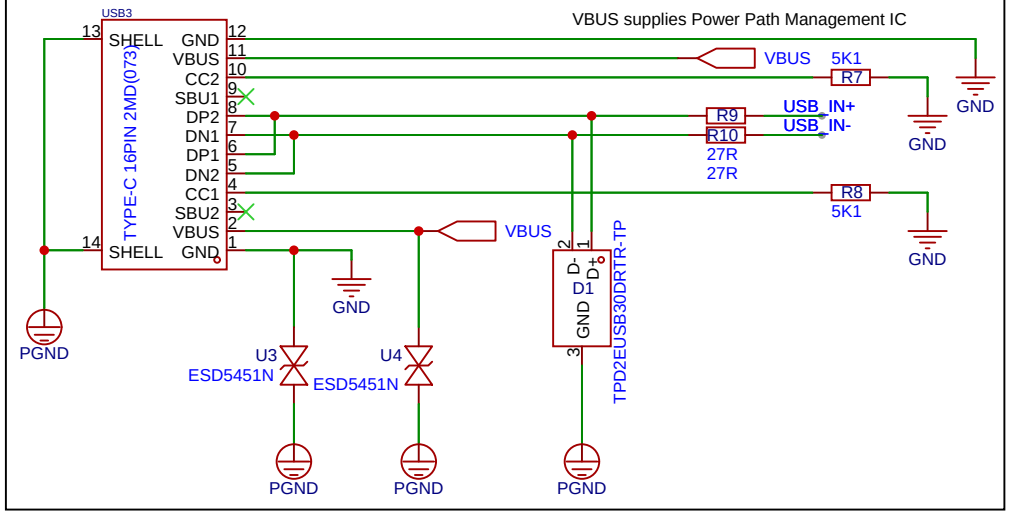
WIFI

Ai-Thinker ESP-12F(ESP8266MOD)

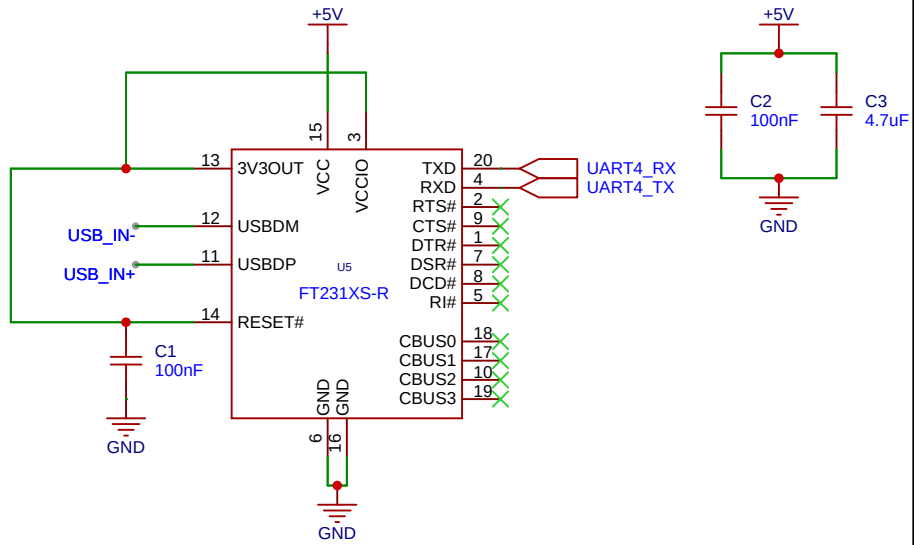


Schematic	STM32MP135 Dev Board	Update Date	2024-06-06
		Create Date	2024-06-06
Page	WiFi	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE
		PAGE 2 OF 8	
EasyEDA		V0.1	A4
		EasyEDA.com	

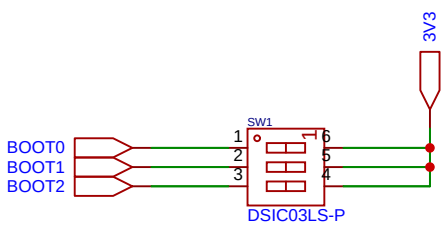
USB POWER AND DEBUG



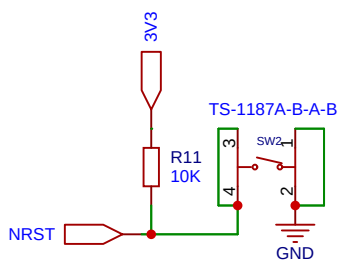
SERIAL TO USB



BOOT OPTIONS

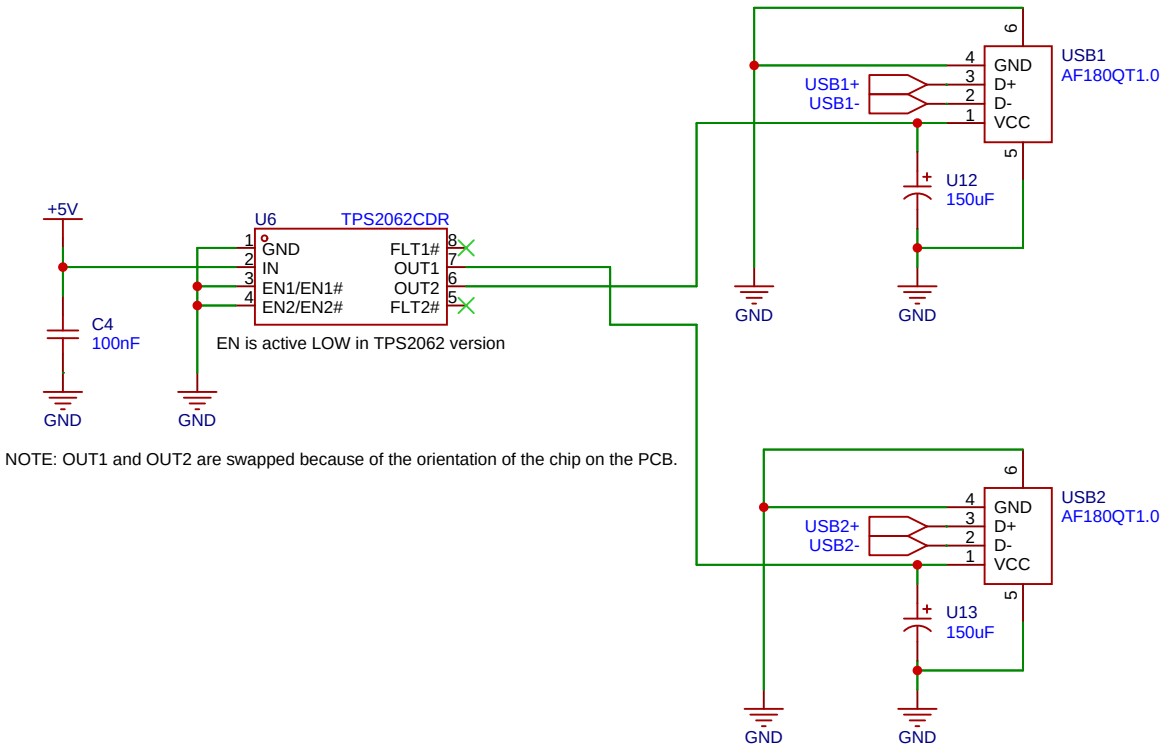


RESET BUTTON



Schematic	STM32MP135 Dev Board	Update Date	2024-08-06
		Create Date	2024-06-06
Page	USB Debug	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER / SIZE / PAGE	V0.1 / A4 / 3 OF 8
EasyEDA		EasyEDA.com	

USB HOST 1 & 2



NOTE: OUT1 and OUT2 are swapped because of the orientation of the chip on the PCB.

Schematic	STM32MP135 Dev Board	Update Date	2024-06-09
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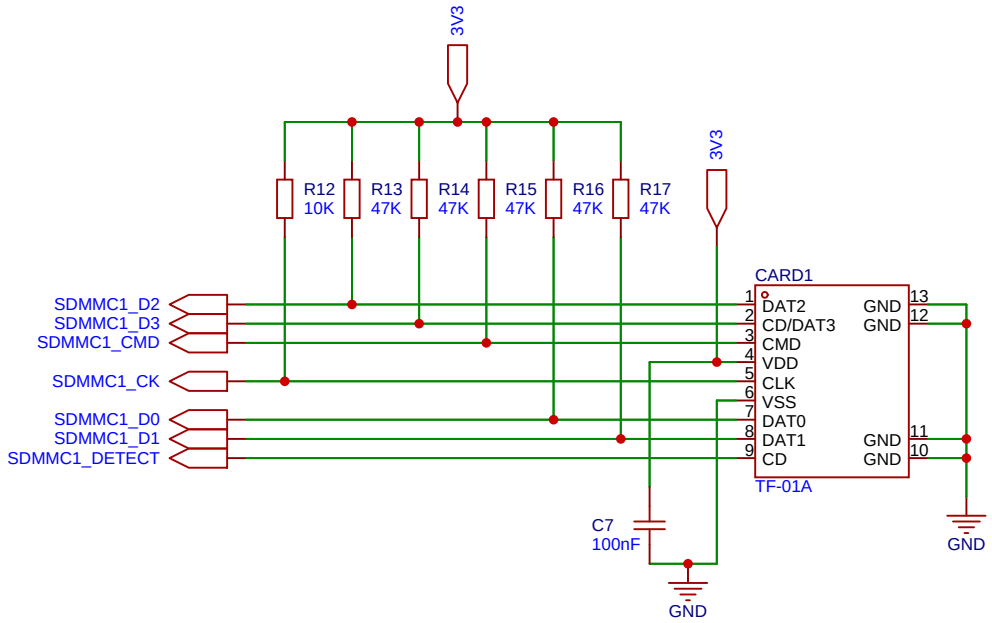
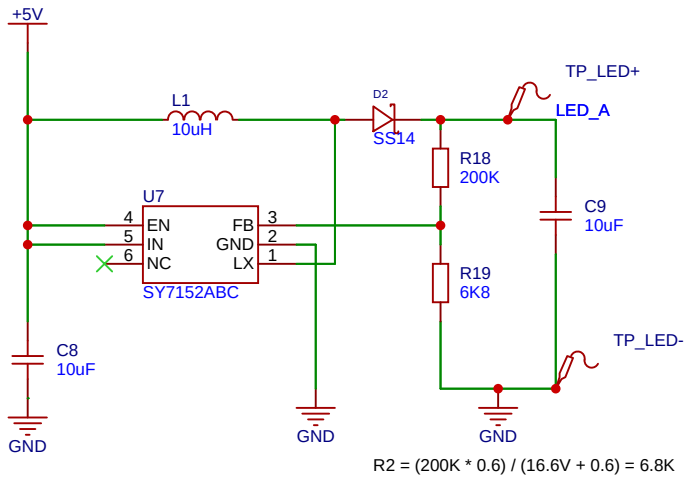
Page	USB Host	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE
		PAGE 4 OF 8	
EasyEDA		V0.1	A4
		EasyEDA.com	

MICRO SD CARD



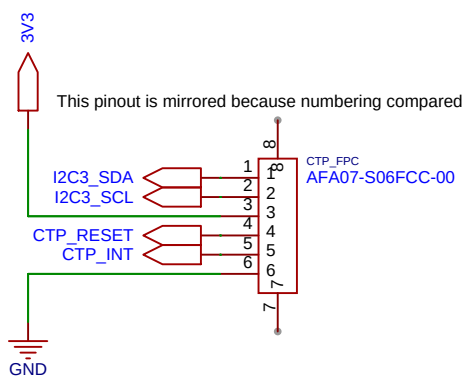
Schematic	STM32MP135 Dev Board	Update Date	2024-06-06
		Create Date	2024-06-06
Page	SDMMC	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE / PAGE 5 OF 8
EasyEDA		V0.1	A4 / EasyEDA.com

LCD BACKLIGHT



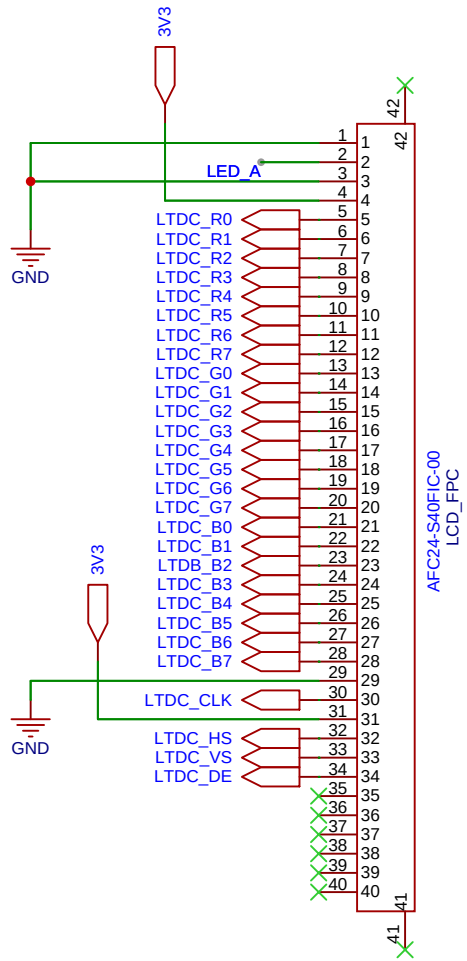
R2 = (200K * 0.6) / (16.6V + 0.6) = 6.8K

CTP FPC



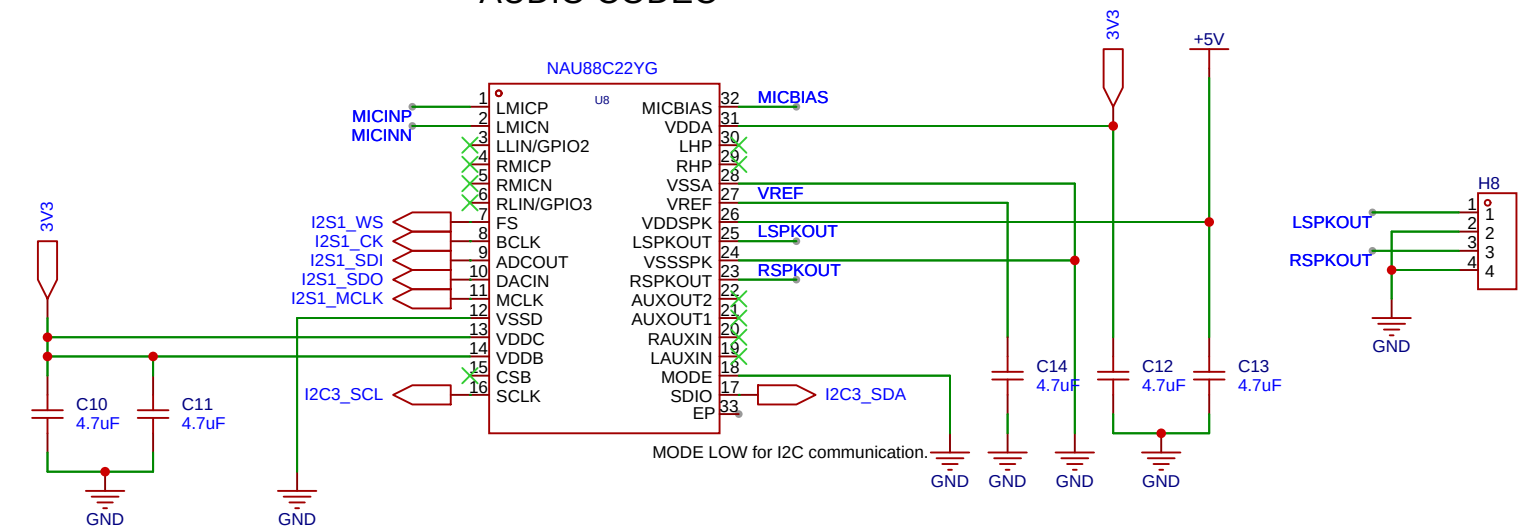
LCD FPC

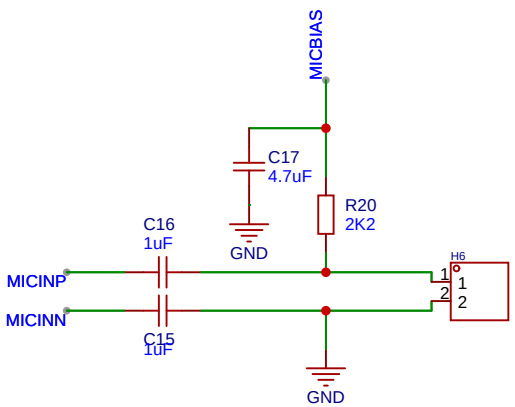
AFY800480A0-5.0INTH-C



Schematic	STM32MP135 Dev Board	Update Date	2024-09-07
		Create Date	2024-06-06
Page	LCD	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE	PAGE 6 OF 8
EasyEDA		V0.1	A4	EasyEDA.com

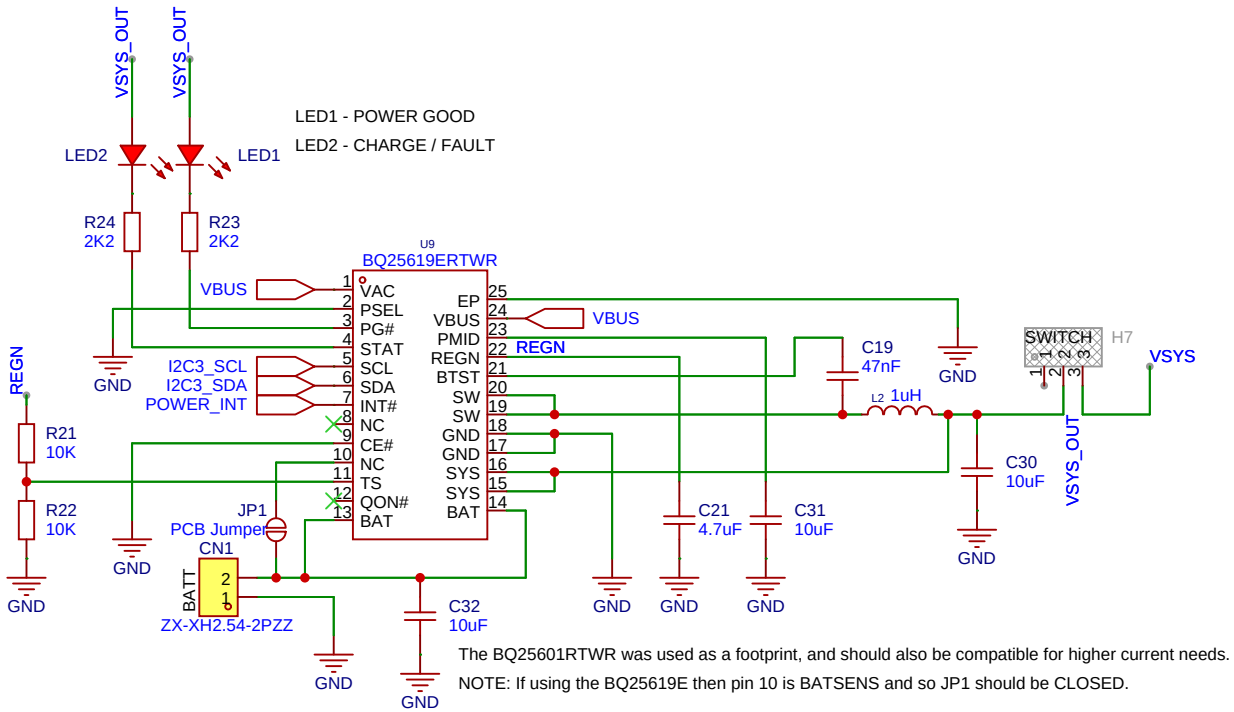
AUDIO CODEC





Schematic	STM32MP135 Dev Board	Update Date	2024-06-07
		Create Date	2024-06-06
Page	Audio	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE	PAGE 7 OF 8
EasyEDA		V0.1	A4	EasyEDA.com

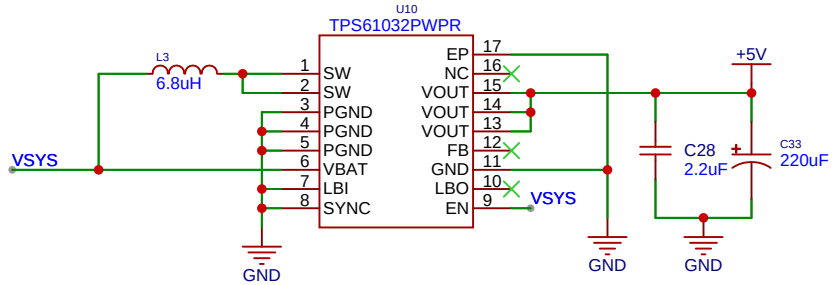
BMS and POWER PATH



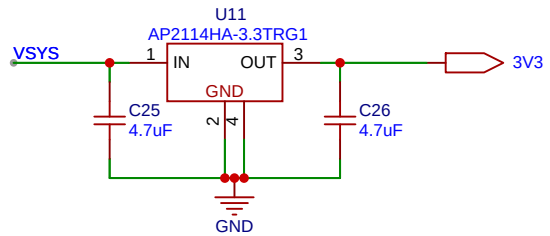
The BQ25601RTWR was used as a footprint, and should also be compatible for higher current needs.

NOTE: If using the BQ25619E then pin 10 is BATSENS and so JP1 should be CLOSED.

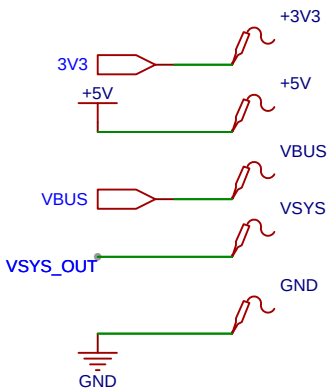
+5V 3A



+3.3V 1A



TEST POINTS



Schematic	STM32MP135 Dev Board	Update Date	2024-09-07
		Create Date	2024-06-06
Page	Power	Part Number	JLCPCB-002
Drawn	EasyEDA	STM32MP135 Dev Board	
Reviewed	EasyEDA		
		VER	SIZE	PAGE 8 OF 8
EasyEDA		V0.1	A4	EasyEDA.com