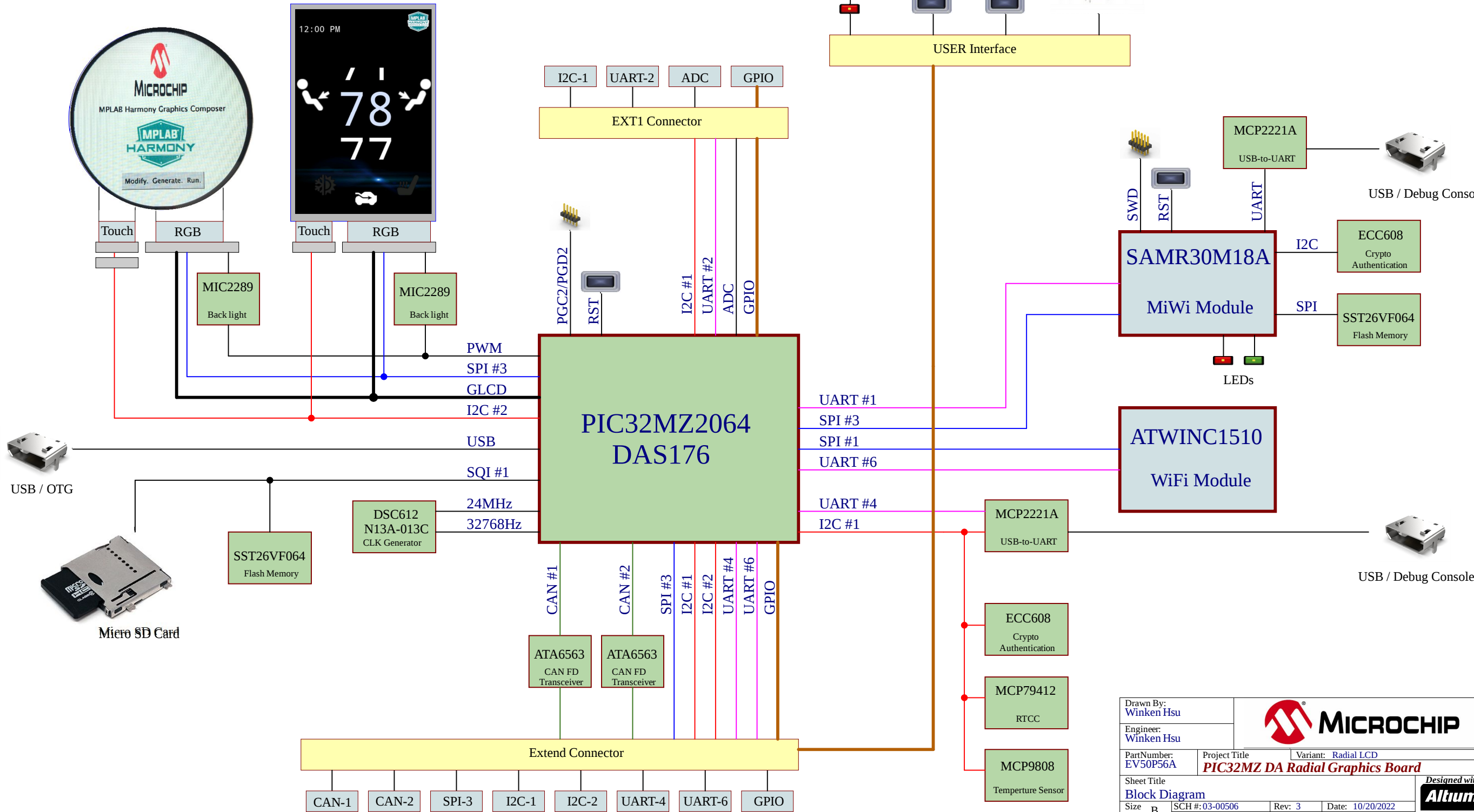
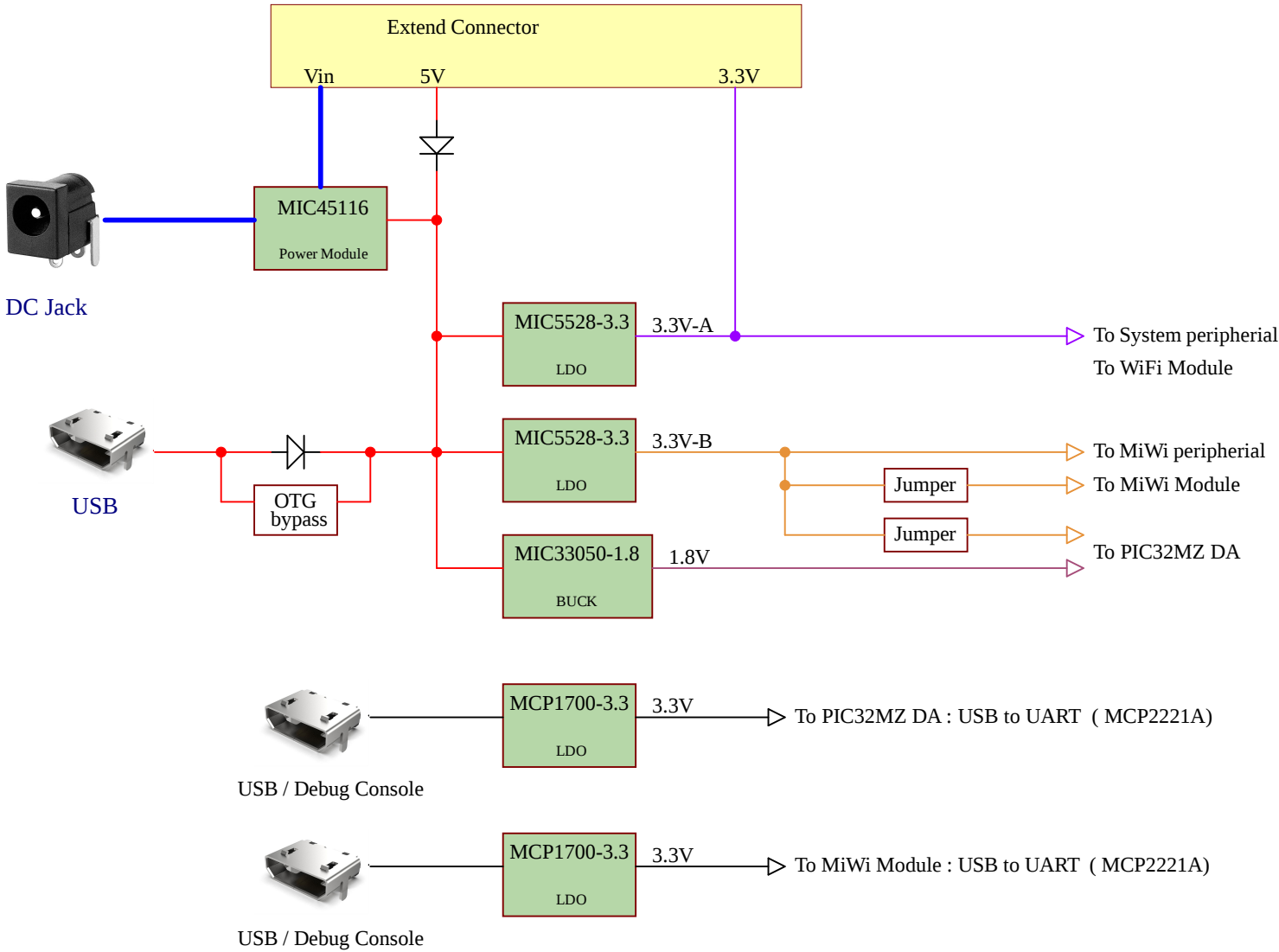
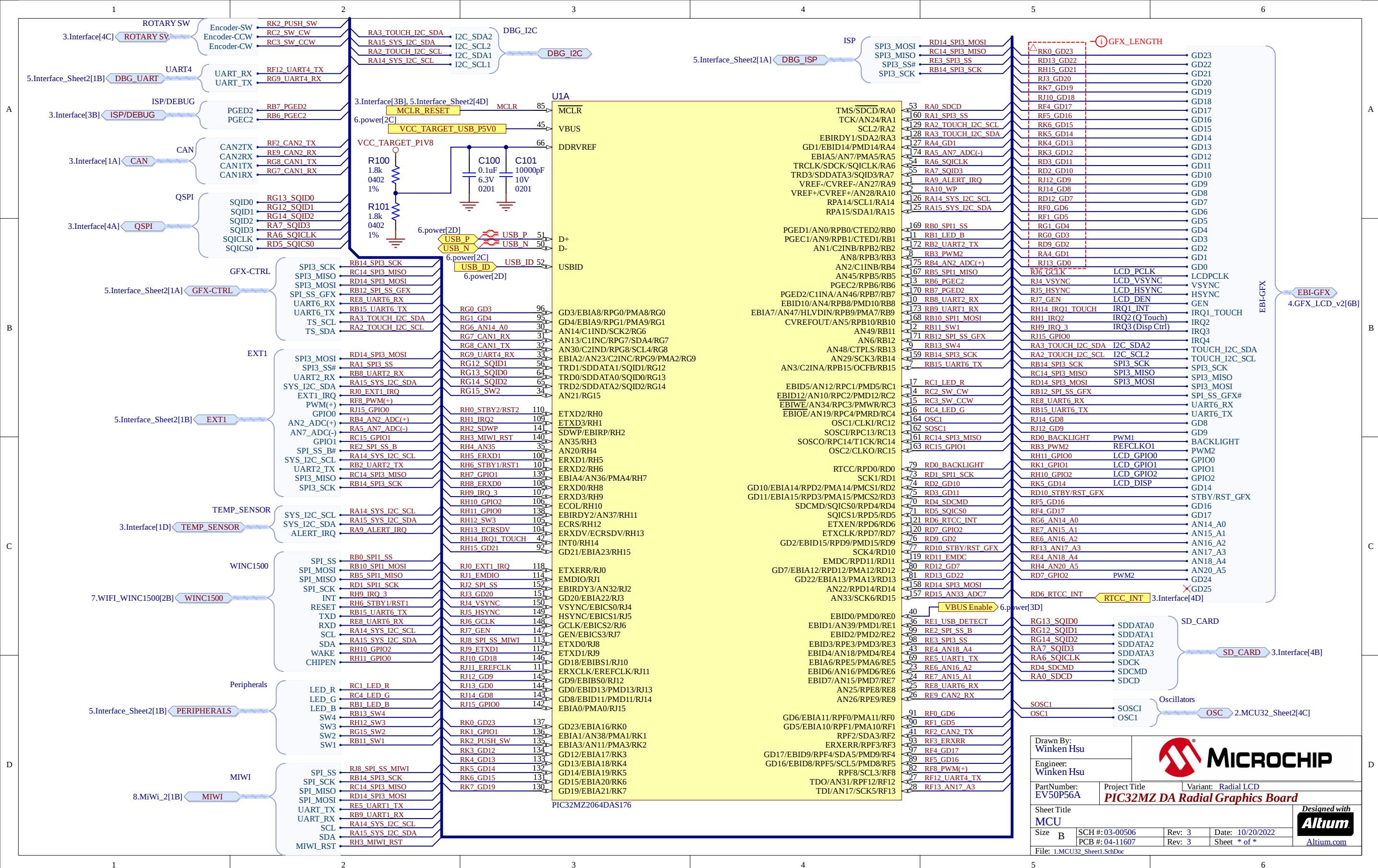


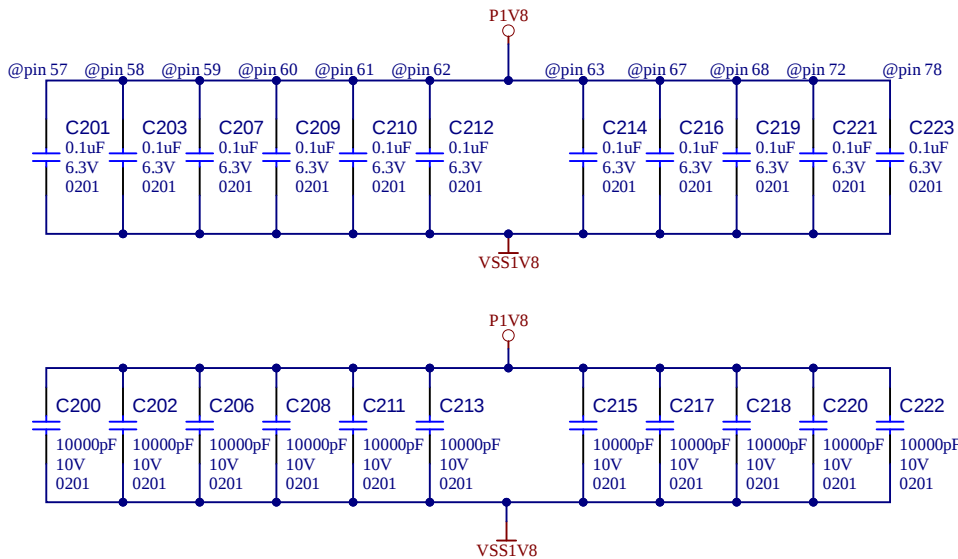
Automotive grade LCD w/ Touch:LCF0300633GGU00 [J5, J8]
Automotive grade LCD w/o Touch:FG030090DSSWMG01 [J5]
LCD w/ Touch:LCF030063OGN06 [J5, J14]
LCD w/ maxTouch:97P043FTC10F [J6, J7]



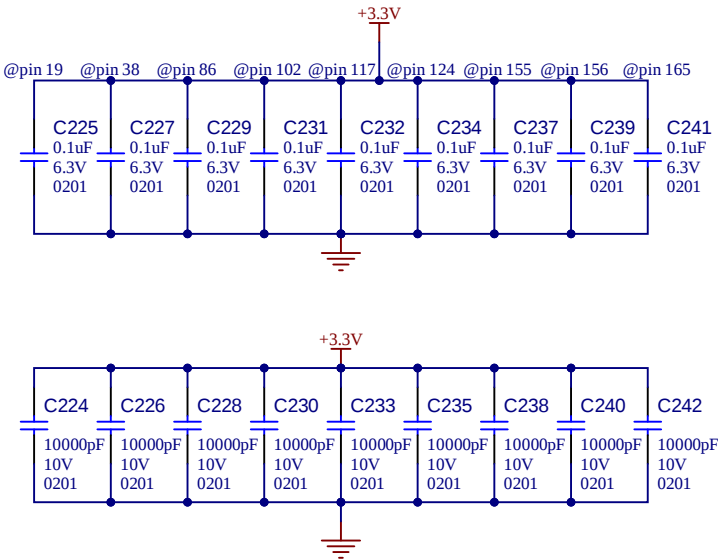




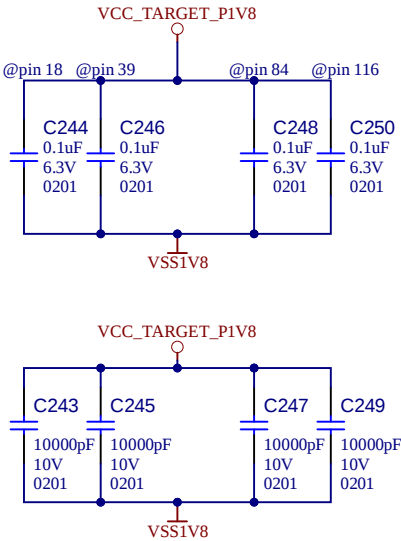
VDDR1V8 Decoupling



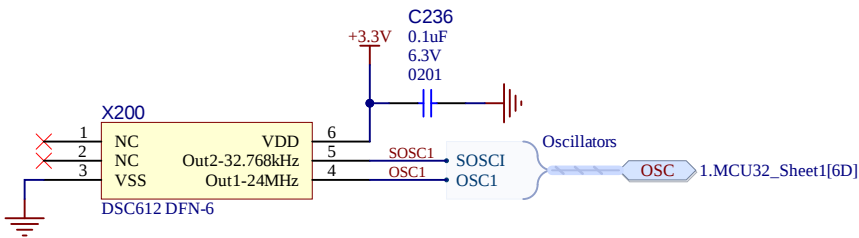
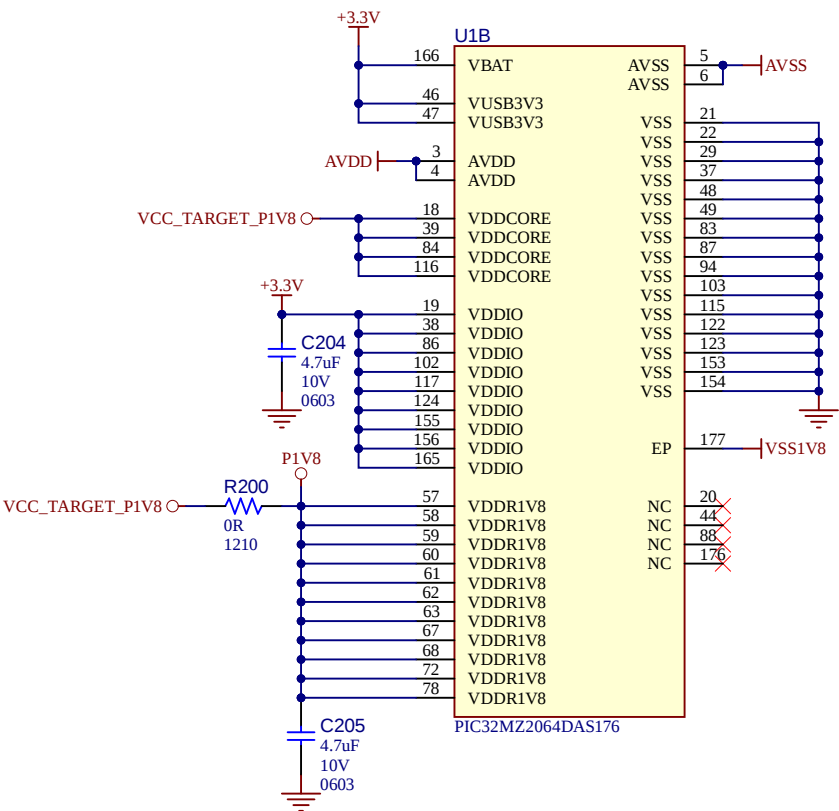
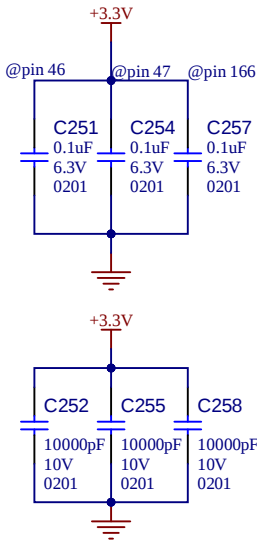
VDDIO Decoupling



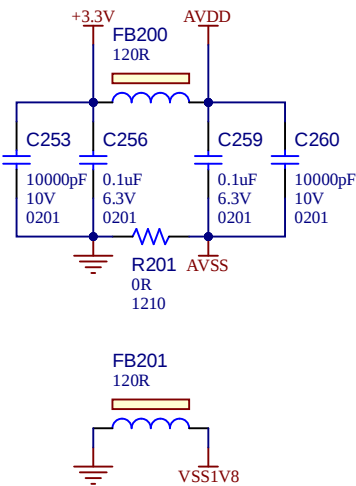
VDDCORE Decoupling



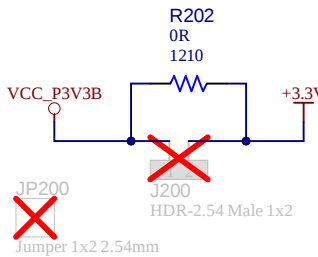
VUSB3V3 Decoupling



Noise Rejection

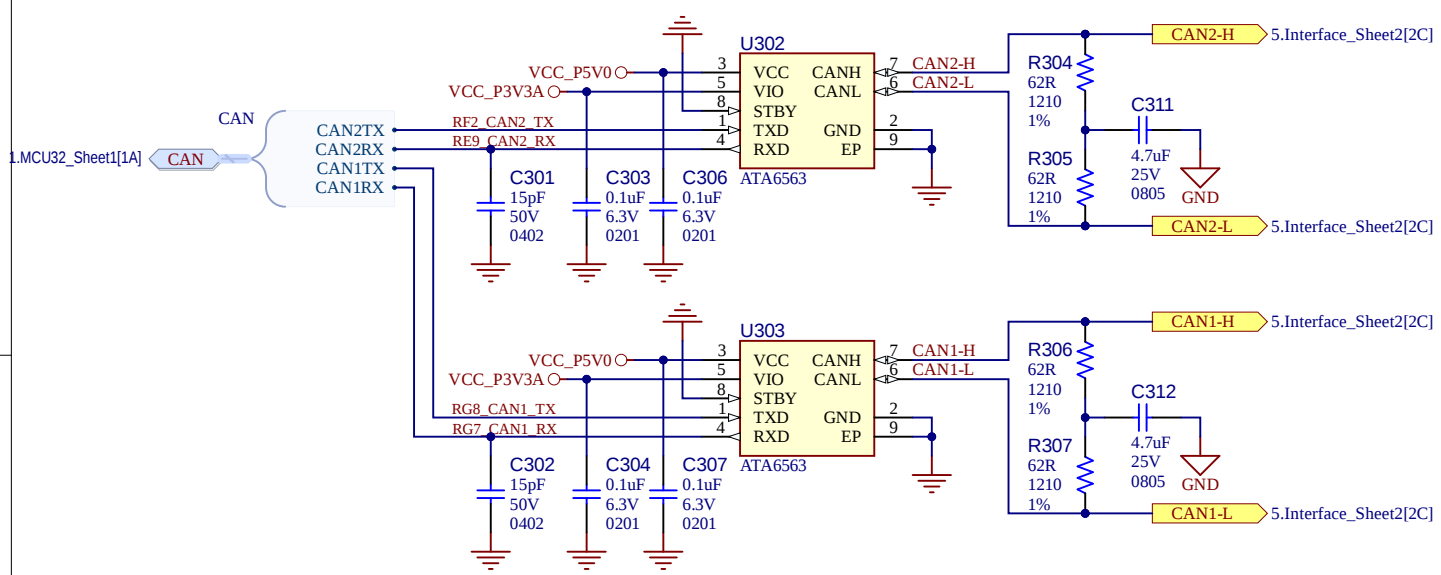


Current Measurement

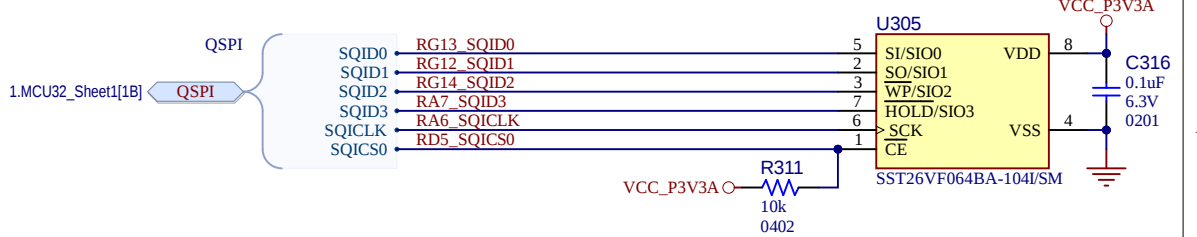


Drawn By: Winken Hsu		 MICROCHIP	
Engineer: Winken Hsu			
PartNumber: EV50P56A	Project Title	Variant: Radial LCD	
Sheet Title		Designed with	
MCU-2			
Size B	SCH #: 03-00506	Rev: 3	Date: 10/20/2022
	PCB #: 04-11607	Rev: 3	Sheet * of *
File: 2.MCU32_Sheet2.SchDoc		Altium.com	

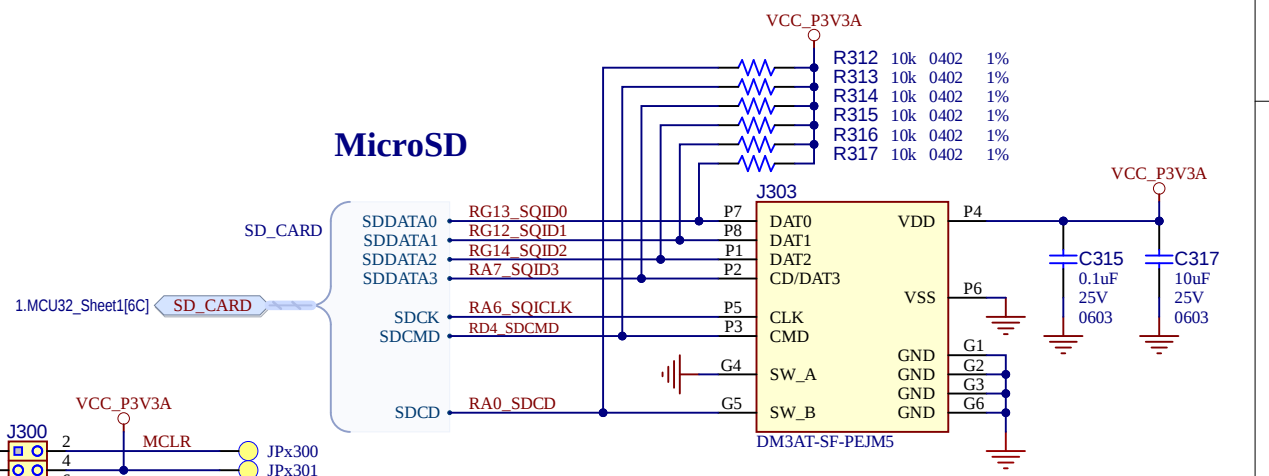
CAN INTERFACE



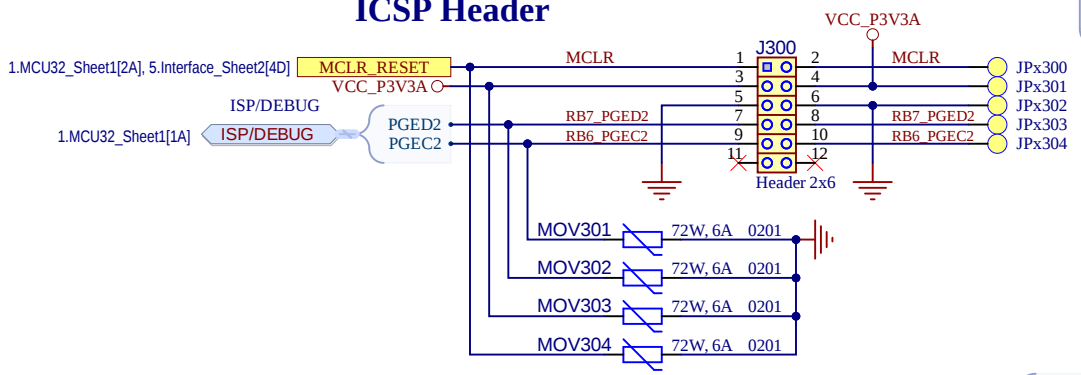
QSPI FLASH



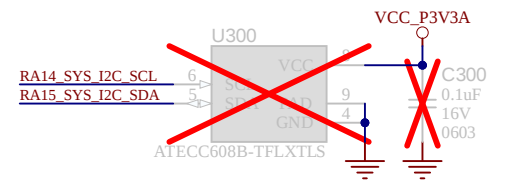
MicroSD



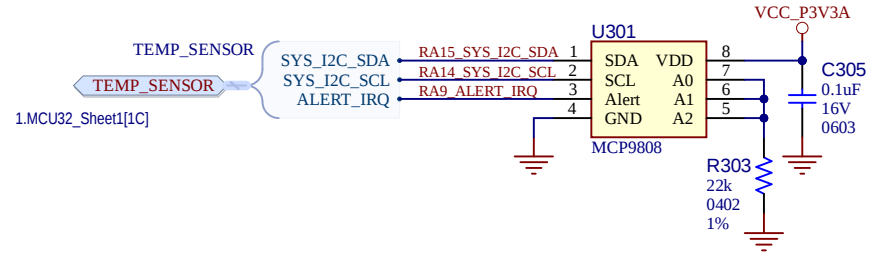
ICSP Header



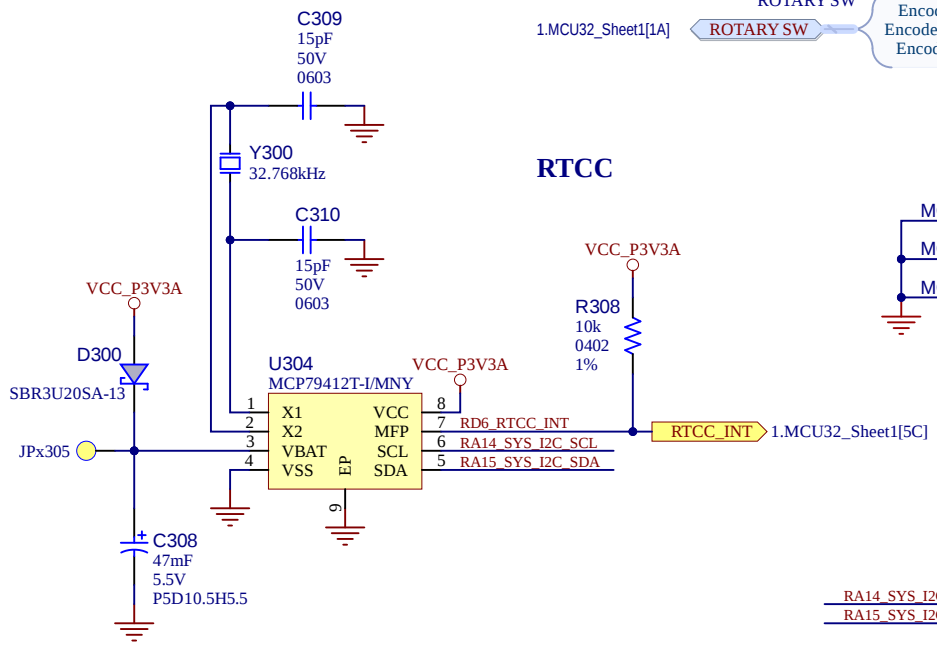
Network and Accessories secure authentication



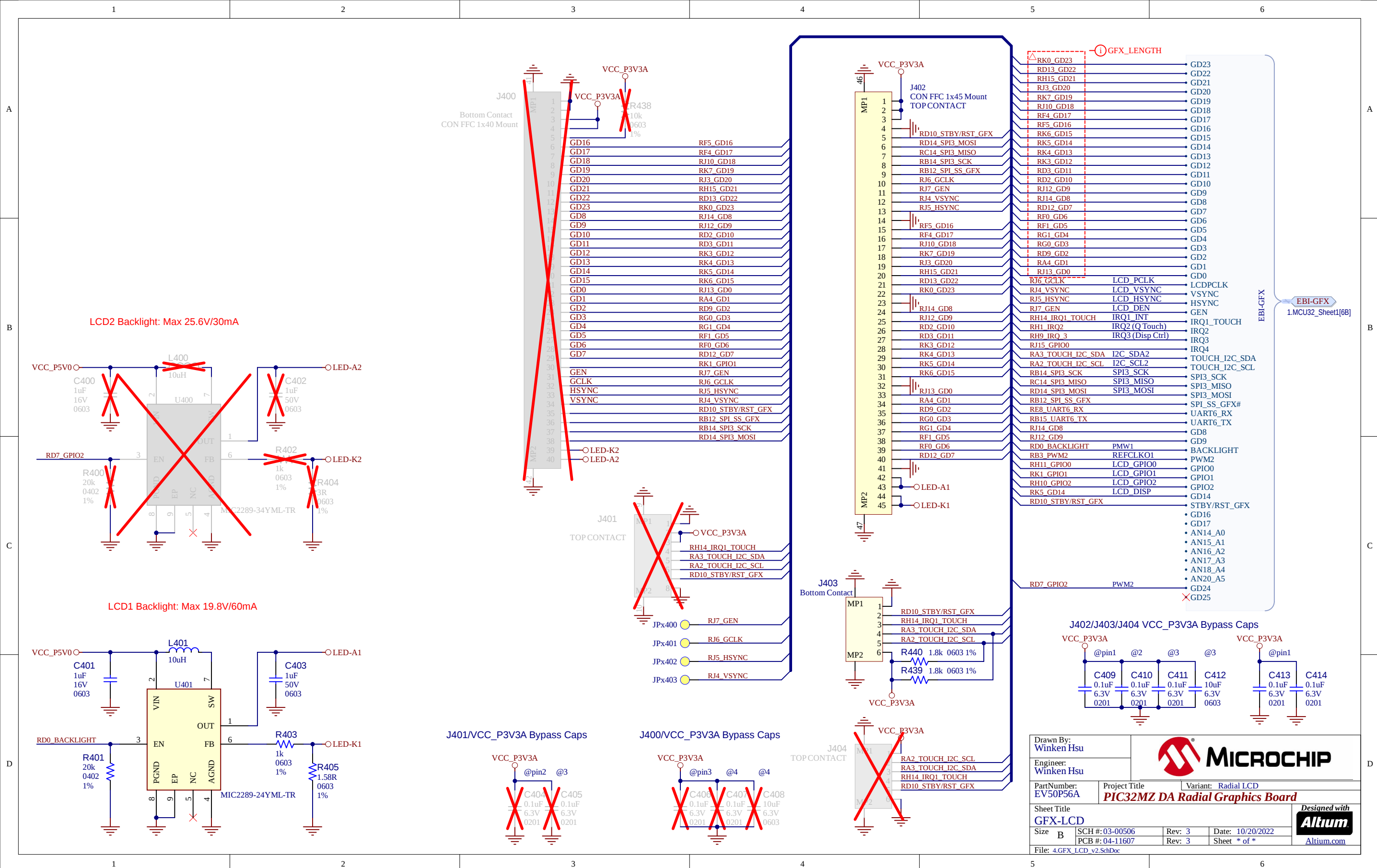
TEMPERATURE SENSOR



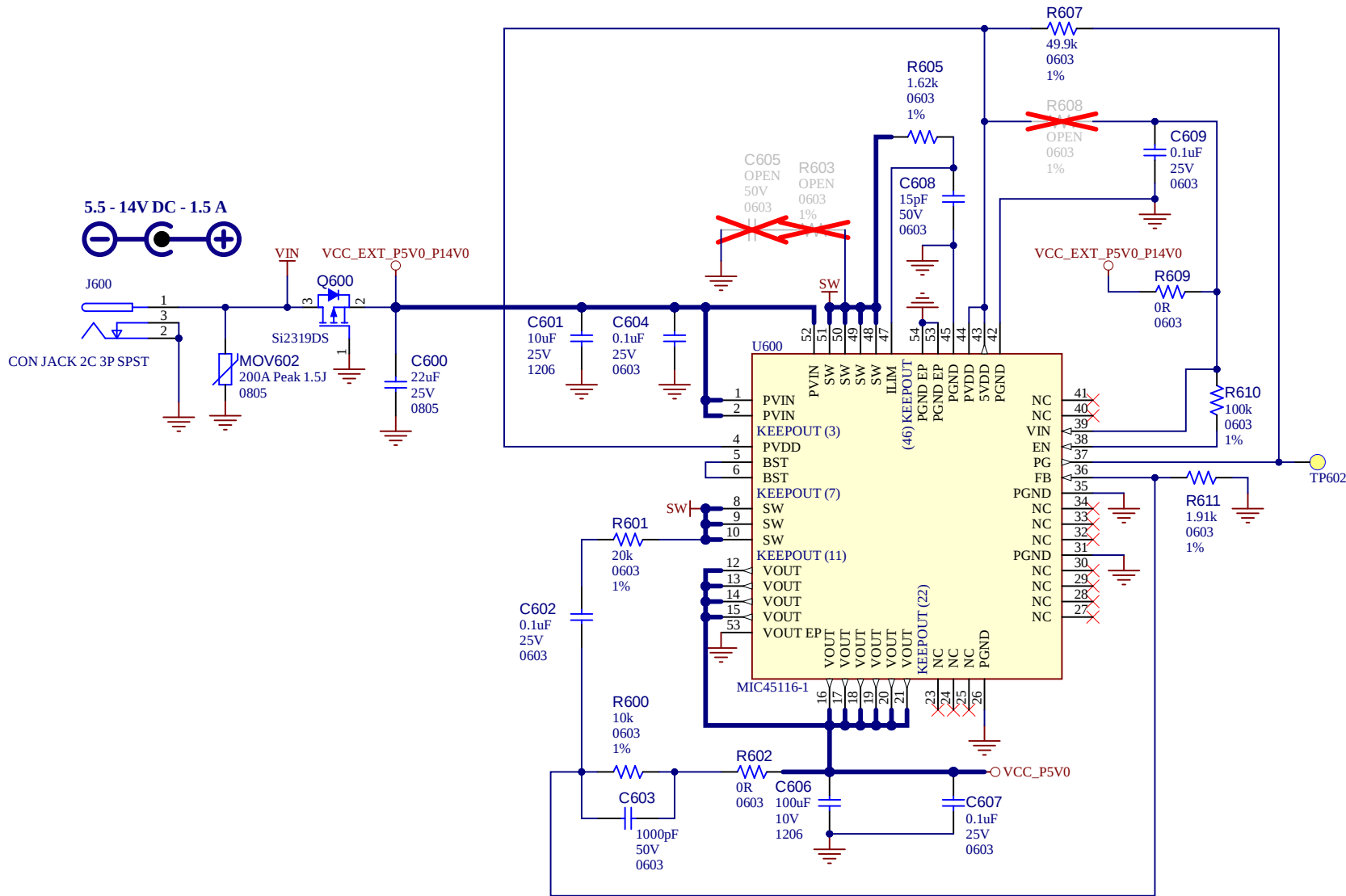
RTCC



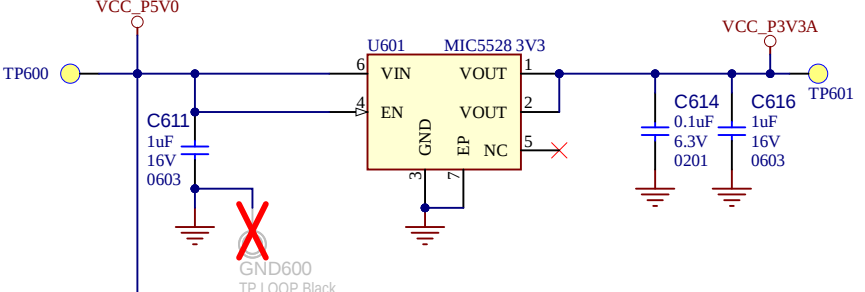
Drawn By: Winken Hsu			
Engineer: Winken Hsu			
PartNumber: EV50P56A	Project Title PIC32MZ DA Radial Graphics Board	Variant: Radial LCD	
Sheet Title Interface		Designed with 	
Size B	SCH #: 03-00506 PCB #: 04-11607	Rev: 3 Rev: 3	Date: 10/20/2022 Sheet * of *
File: 3.Interface.SchDoc			



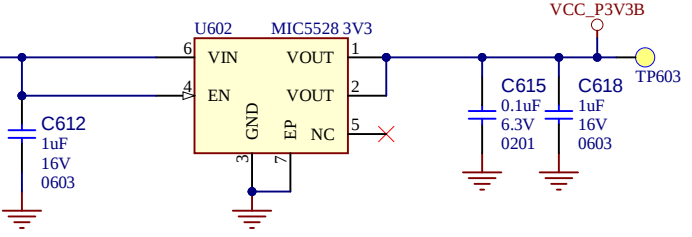
5.5V to 14V input, 5V out Power Supply, 2A



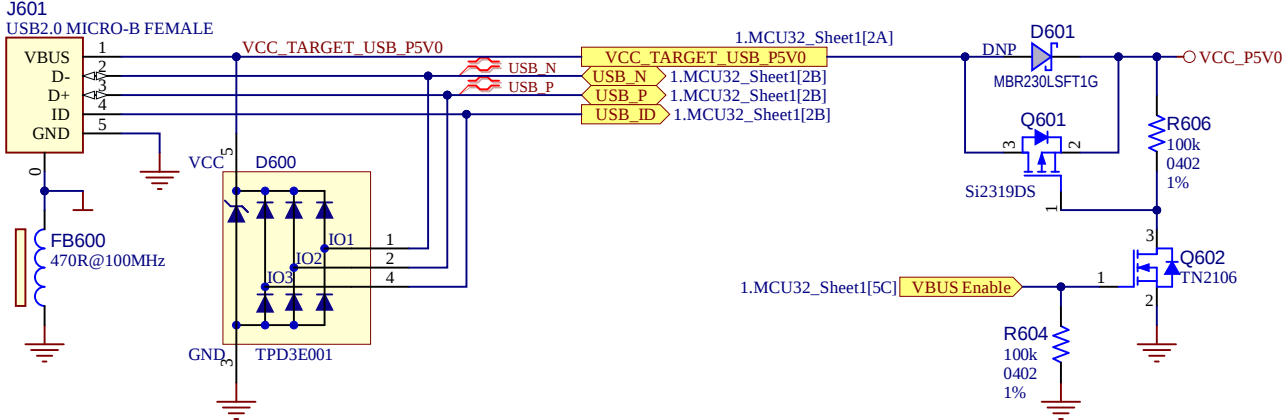
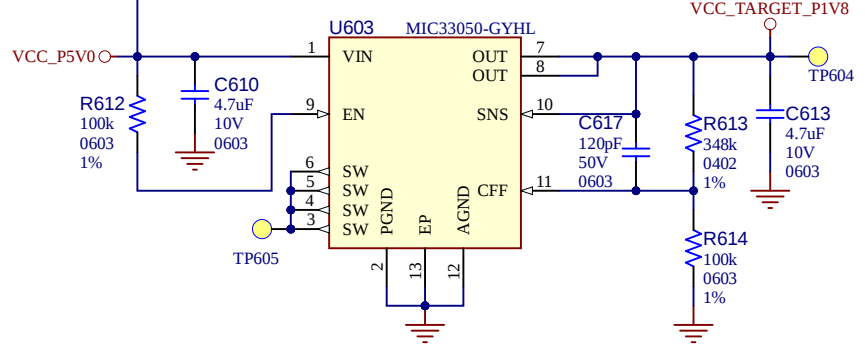
3.3V Linear Regulator PKOB4 and Accessories



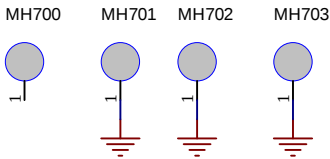
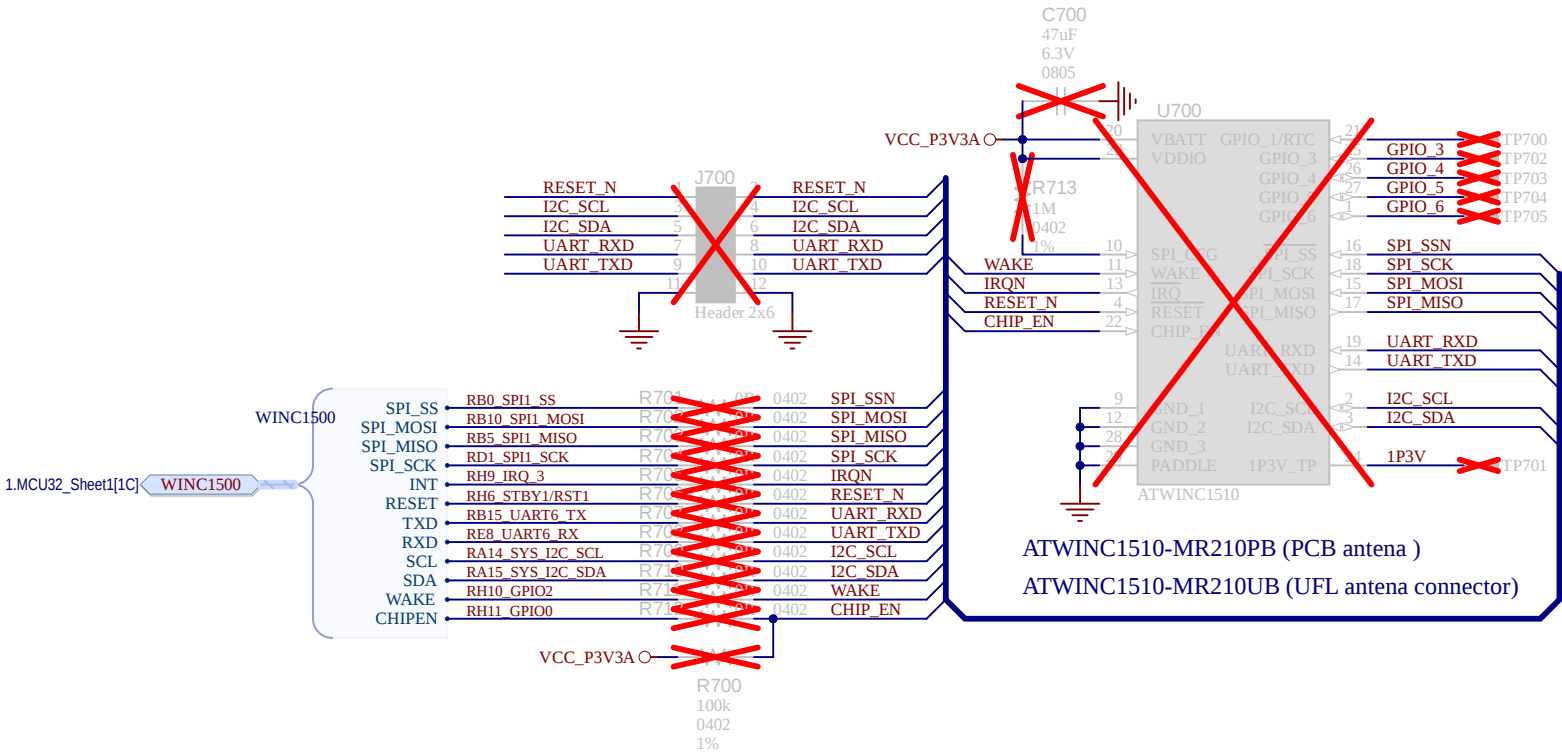
3.3V Linear Regulator Target



1.8V Buck Regulator - VDDR



Drawn By: Winken Hsu			
Engineer: Winken Hsu			
PartNumber: EV50P56A	Project Title PIC32MZ DA Radial Graphics Board	Variant: Radial LCD	
Sheet Title Power		Designed with 	
Size B	SCH #: 03-00506 PCB #: 04-11607	Rev: 3 Rev: 3	Date: 10/20/2022 Sheet * of *
File: 6.power.SchDoc			



Drawn By: Winken Hsu		 MICROCHIP	
Engineer: Winken Hsu			
PartNumber: EV50P56A	Project Title	Variant: Radial LCD	
Sheet Title		Designed with	
WiFi-WINC1510			
Size B	SCH #: 03-00506	Rev: 3	Date: 10/20/2022
	PCB #: 04-11607	Rev: 3	Sheet * of *
File: 7.WIFI_WINC1500.SchDoc			

