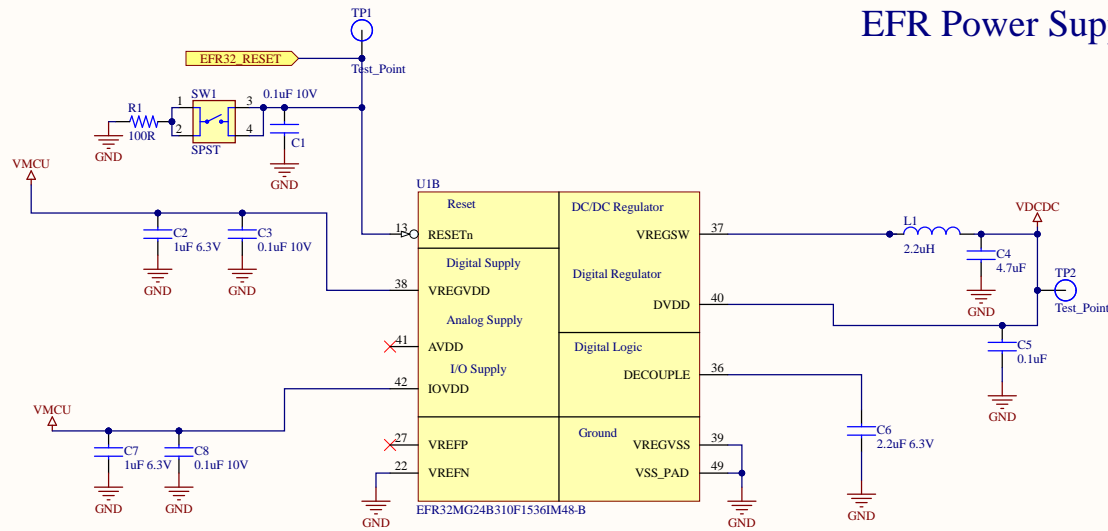
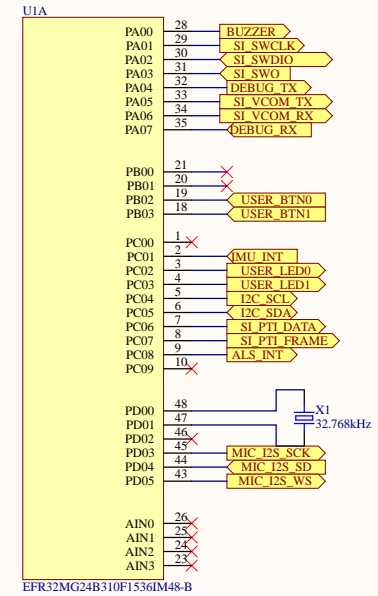


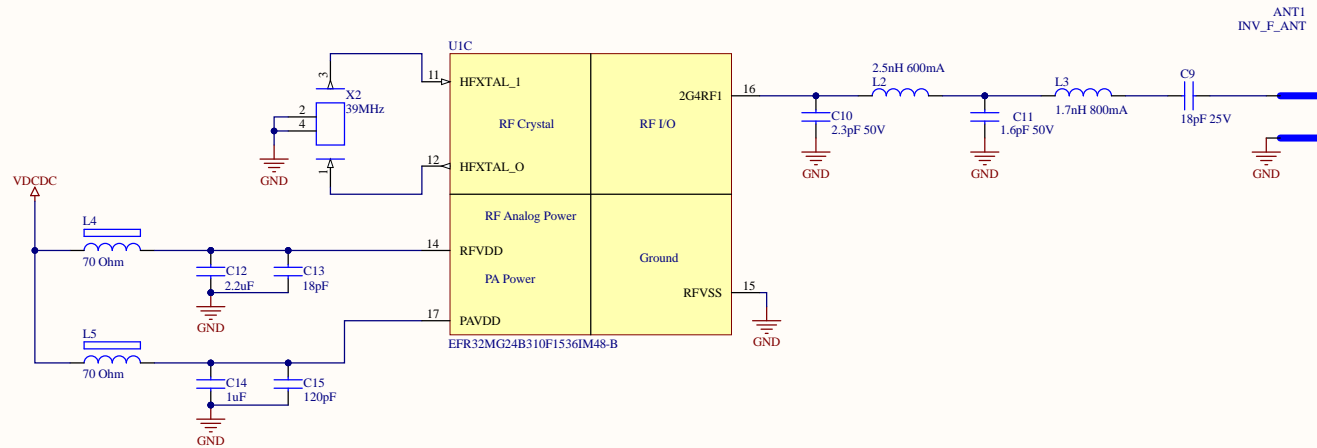
EFR Power Supply



EFR IO Pinout

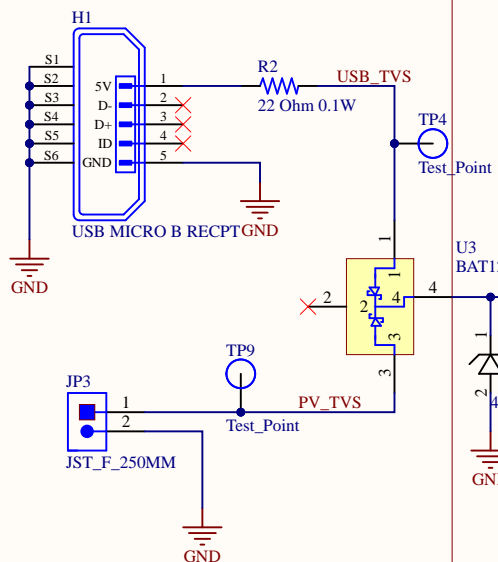


EFR Radio Circuit

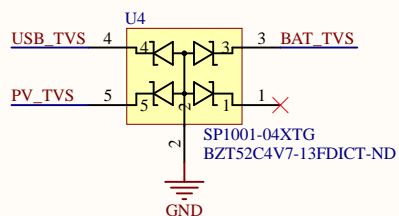


Title MCU Circuit		
Size A3	Number 2	Revision 1.0
Date: 10-01-2022	Sheet of TagIT - LPEDT Project	
File: D:\CUBoulder\...EFR32MG24_MCU_Circuit.schdoc	Team Critical	

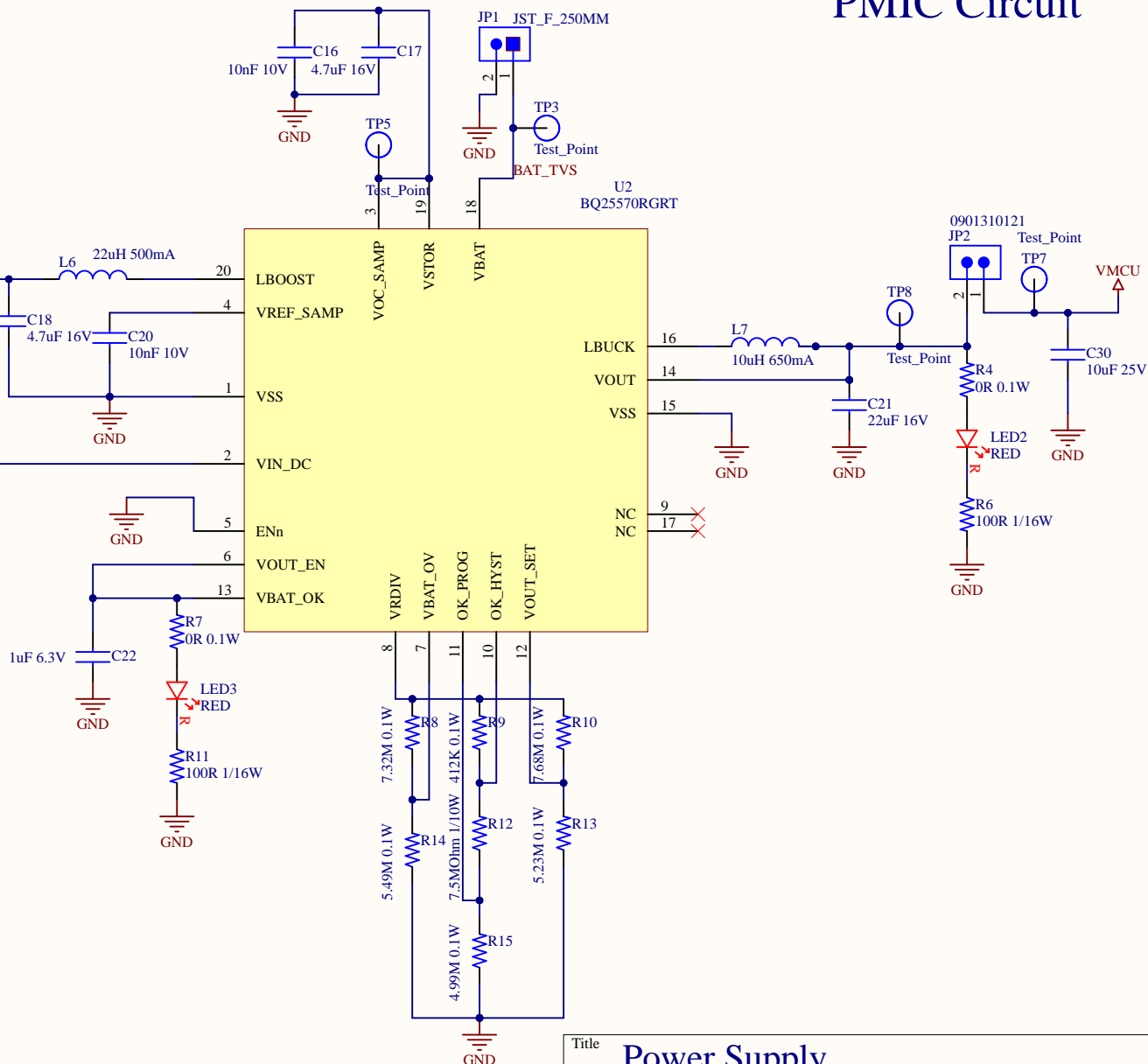
Power Source



ESD Suppression

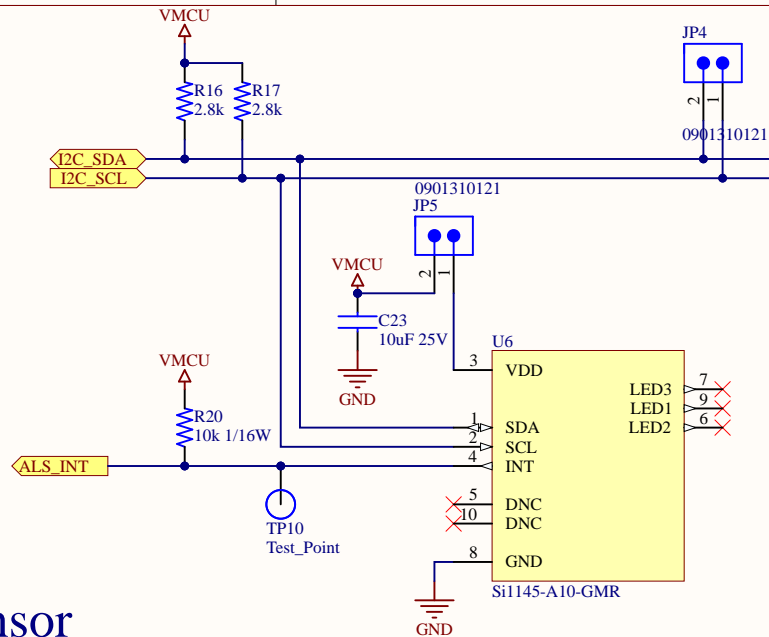


PMIC Circuit

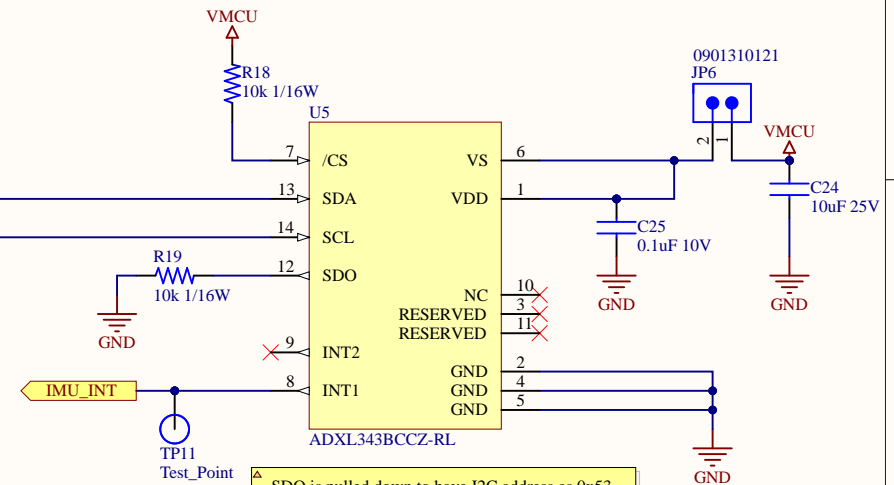


Title			
Size	Number		Revision
A4	3		1.0
Date:	10-01-2022	Sheet of	TagIT - LPEDT Project
File:	D:\CUBoulder\...\PowerSupply.SchDoc	Drawn By:	Team Critical

ALS Sensor

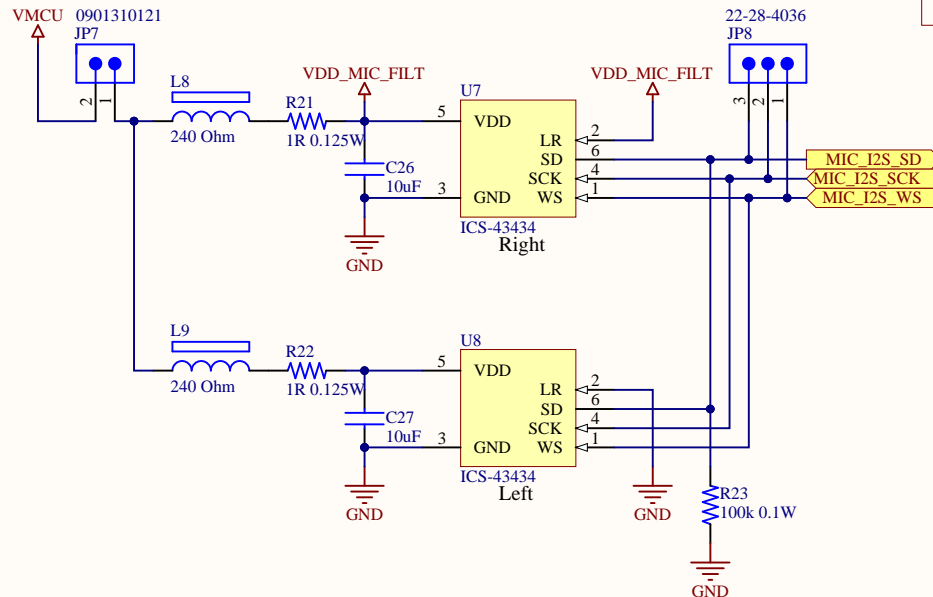


ADXL343 Sensor

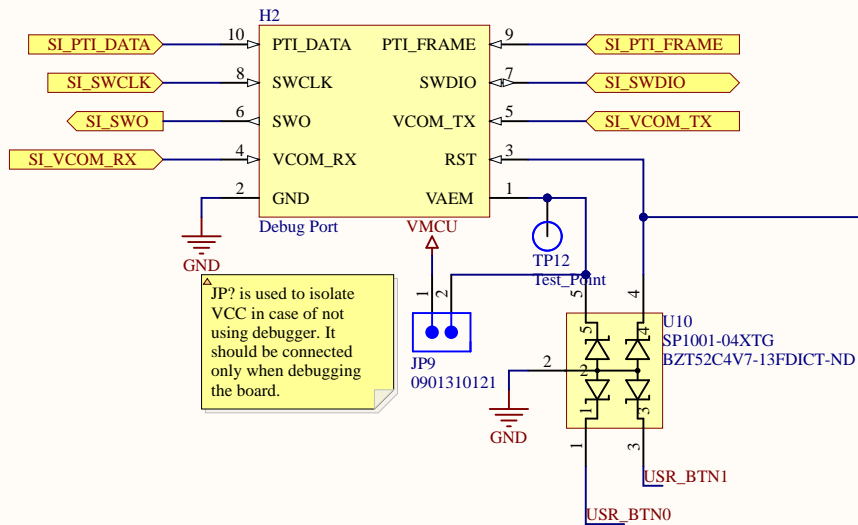


- SDO is pulled down to have I2C address as 0x53.
- /CS in default high state during boot-up sets the board up for I2C.
NOTE: CS pin is connected to VMCU to not leave it floating and make sure it enters I2C mode.

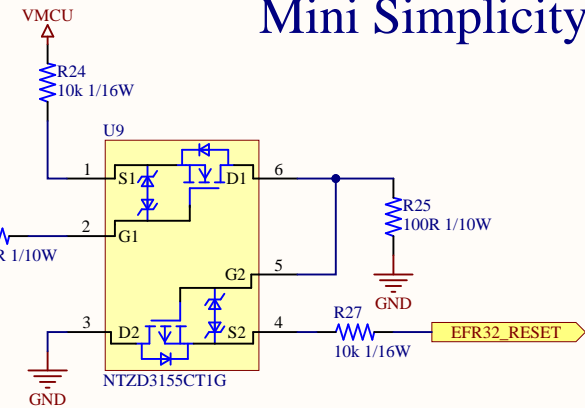
I2S Microphone



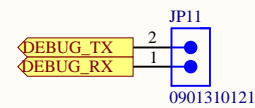
Title Sensor Network		
Size A4	Number 4	Revision 1.0
Date: 10-01-2022	Sheet of TagIT - LPEDT Project	Drawn By: Team Critical
File: D:\CUBoulder\...\SensorsNetwork.SchDoc		



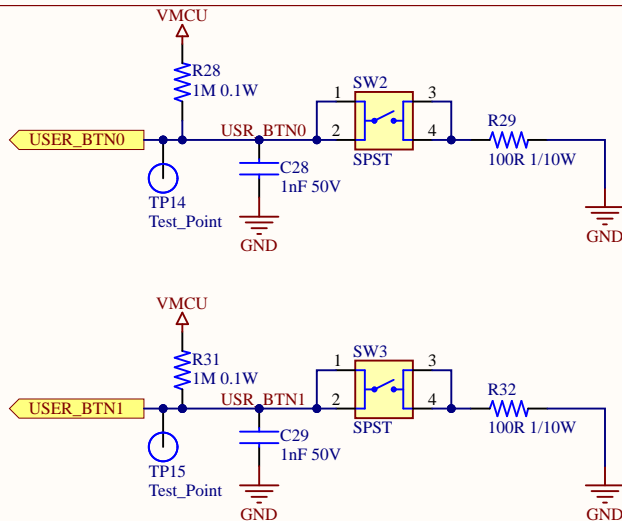
Mini Simplicity Connector



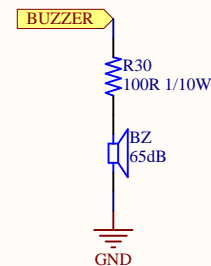
UART Debug



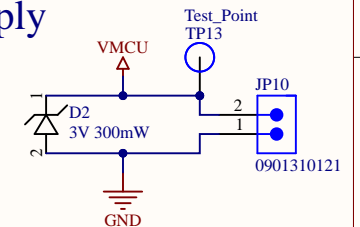
User Buttons



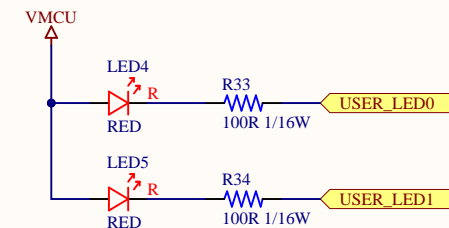
Buzzer Circuit



External Power Supply



User LEDs



Title		
Size	Number	Revision
A4	5	1.0
Date:	10-01-2022	Sheet of TagIT - LPEDT Project
File:	D:\CUBoulder\...\PeripheralsDesign.SchDoc	Drawn By: Team Critical