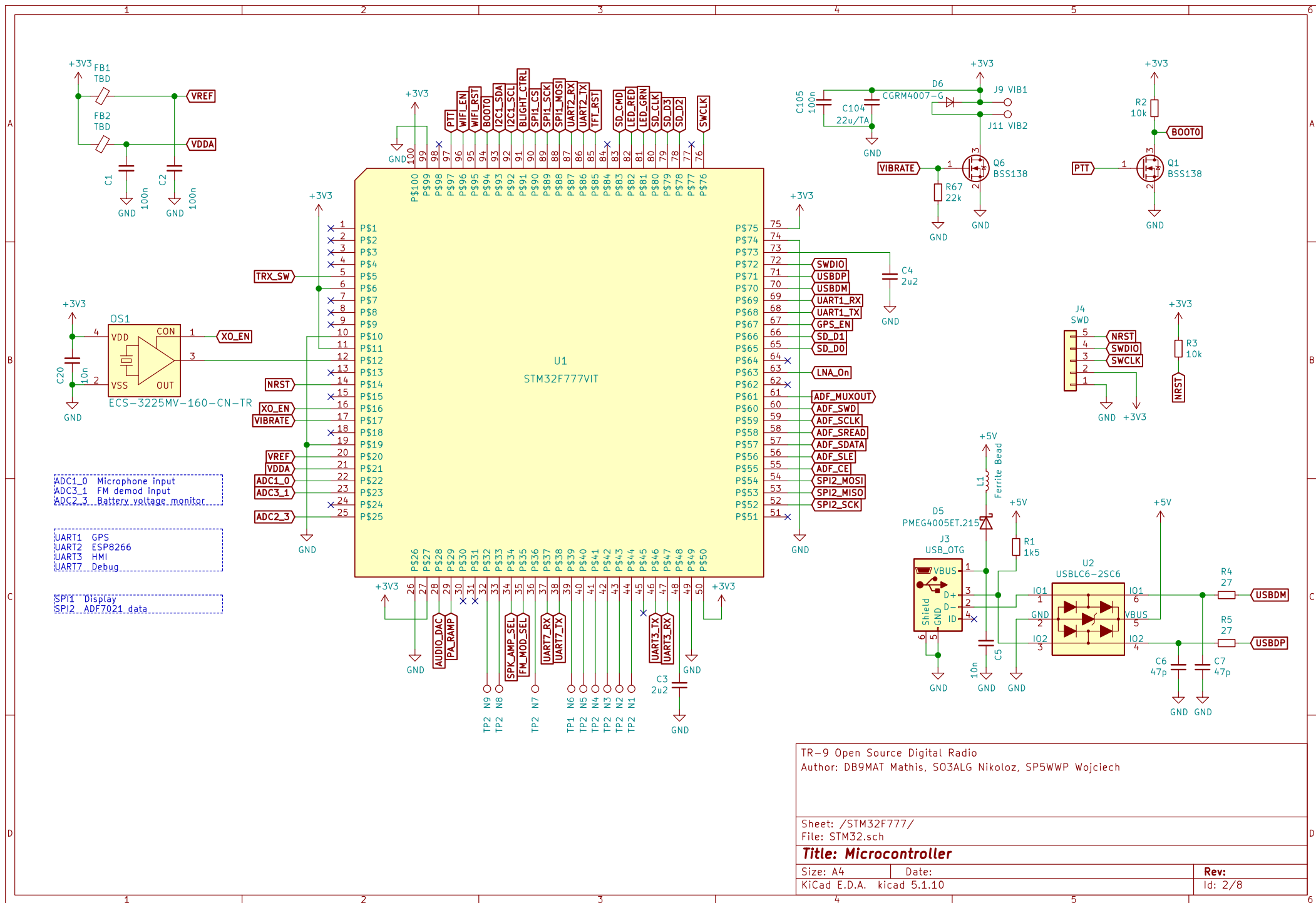
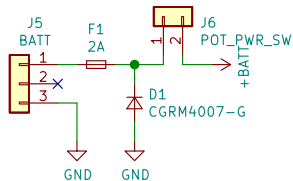
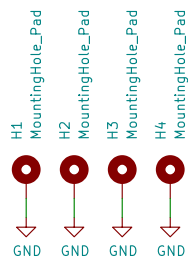
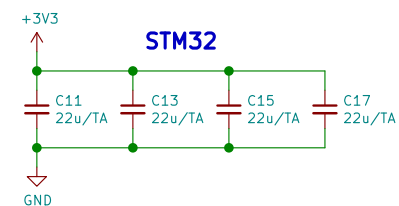
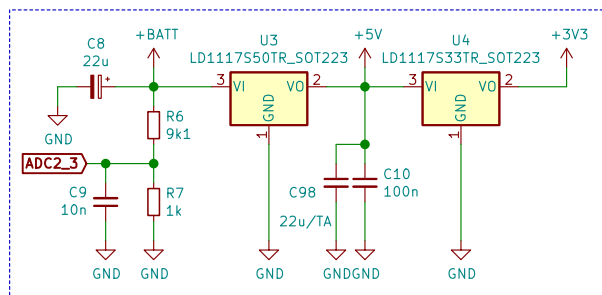


1	2	3	4	5	6
Sheet: STM32F777 File: STM32.sch					
Sheet: Power Supply File: PSU.sch					
Sheet: Display File: TFT.sch					
Sheet: RF File: RF.sch					
Sheet: Audio File: Audio.sch					
Sheet: Connections File: Connection.sch					
Sheet: Modules File: Modules.sch					
Jumping Cable (JC) connections: top - JC1 to JC3 - JC4 to JC2 - JC5 to JC6 - JC15 to JC16 bottom - JC11 to JC12 - JC13 to JC14 - JC9 to JC10 - JC7 to JC8					
TR-9 Open Source Digital Radio Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech					
Sheet: / File: Mainboard.sch					
Title: TR-9 Mainboard					
Size: A4				Date:	
KiCad E.D.A. kicad 5.1.10				Rev:	
				Id: 1/8	
1	2	3	4	5	6

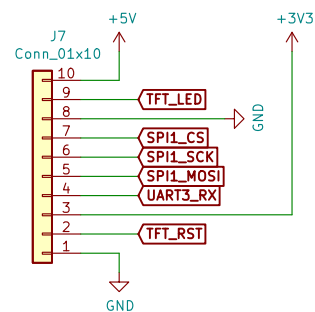
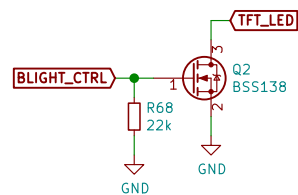




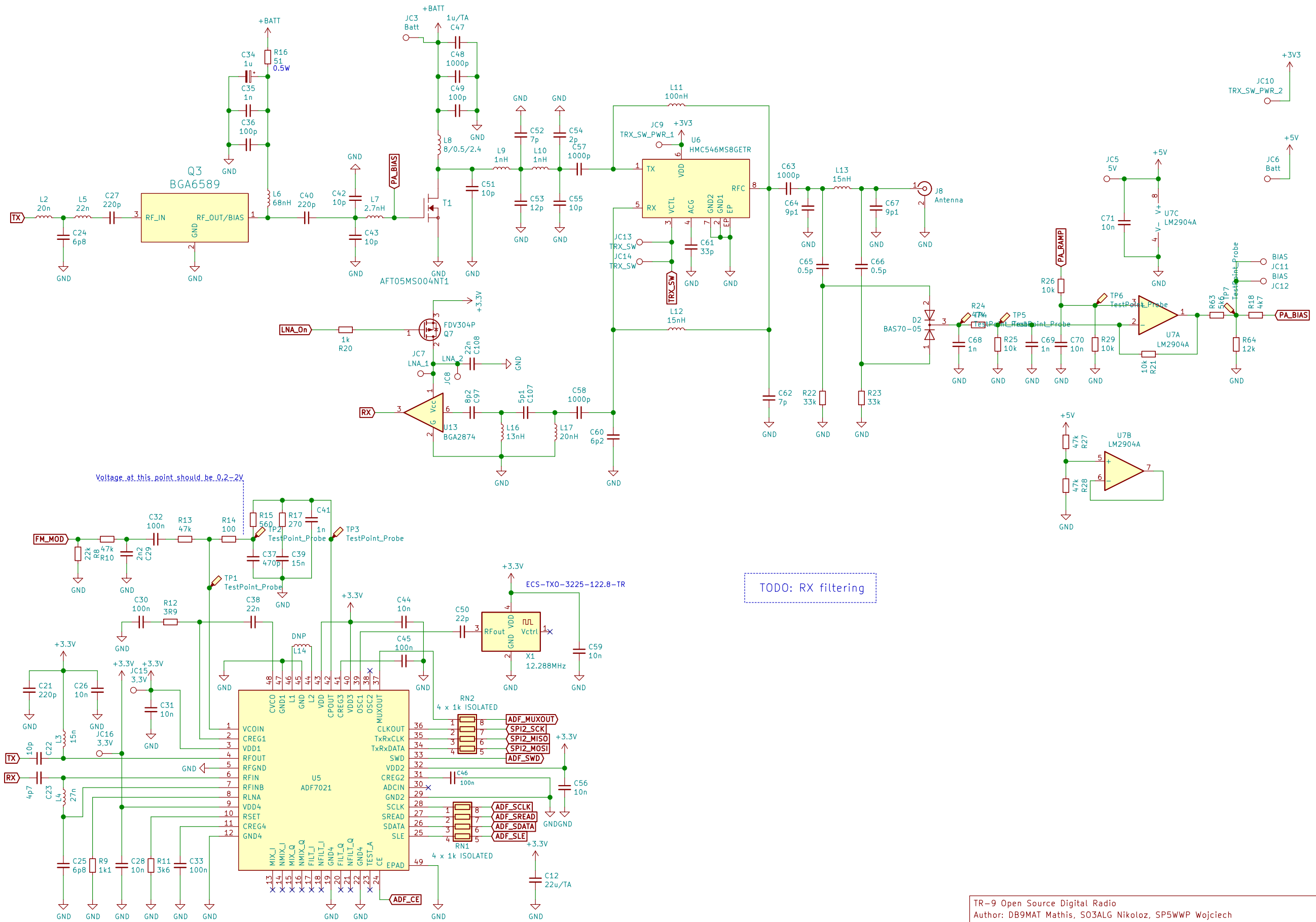
TODO: rework to include
* LiPo charger
* buck/boost for stable 7.5V to PA
* switching regulator to approx. 4V & 3.3V LDO
* more filtering
* Power switch



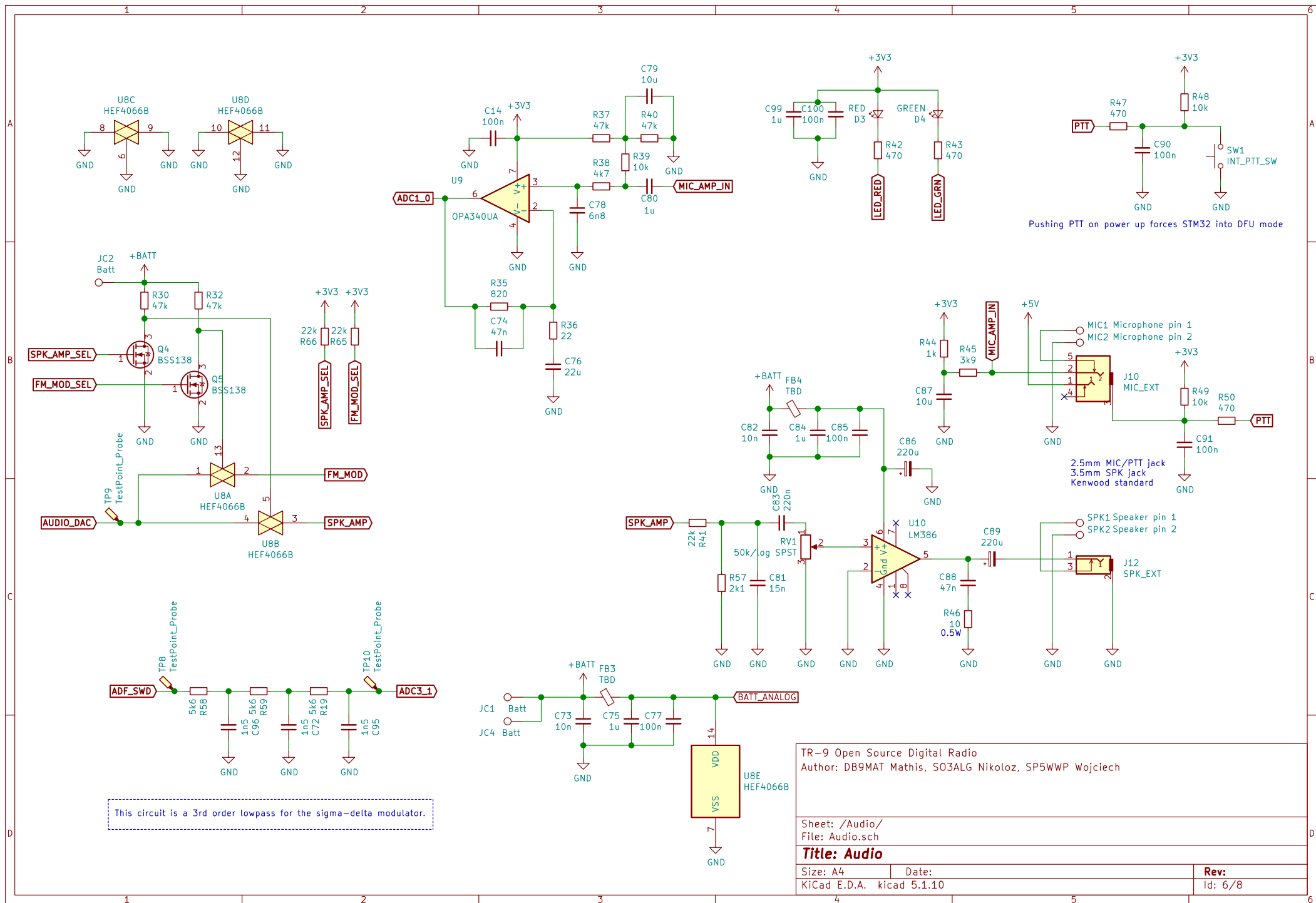
TR-9 Open Source Digital Radio		
Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech		
Sheet: /Power Supply/ File: PSU.sch		
Title: Power Supply		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.10		Id: 3/8

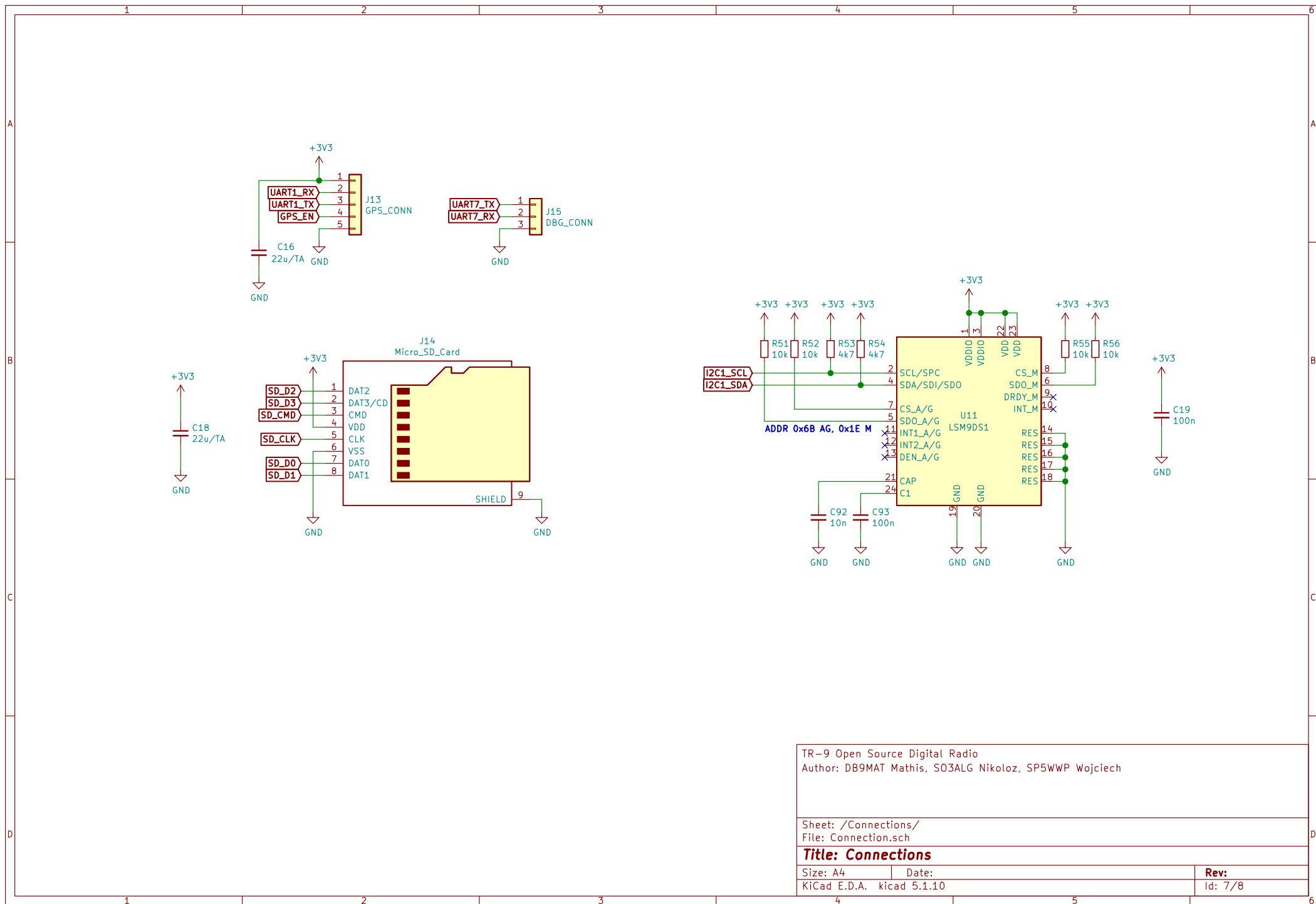


TR-9 Open Source Digital Radio Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech		
Sheet: /Display/ File: TFT.sch		
Title: HMI Board Connector		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.10		Id: 4/8

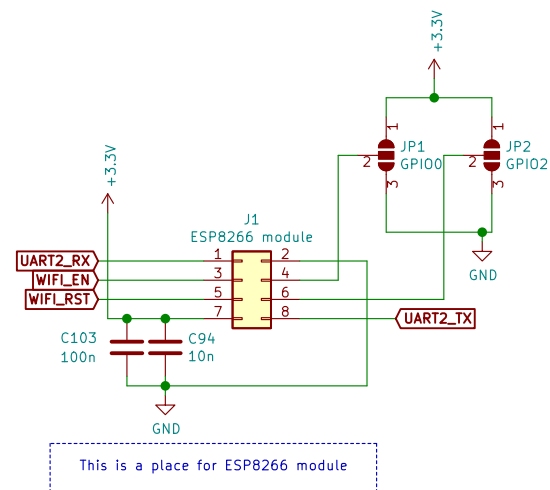


TODO: RX filtering





TR-9 Open Source Digital Radio	
Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech	
Sheet: /Connections/	
File: Connection.sch	
Title: Connections	
Size: A4	Date:
KiCad E.D.A. kicad 5.1.10	Rev: Id: 7/8



TR-9 Open Source Digital Radio
 Author: DB9MAT Mathis, SO3ALG Nikoloz, SP5WWP Wojciech

Sheet: /Modules/
 File: Modules.sch

Title: Modules

Size: A4 Date: 2020-01-20
 KiCad E.D.A. kicad 5.1.10

Rev:
 Id: 8/8