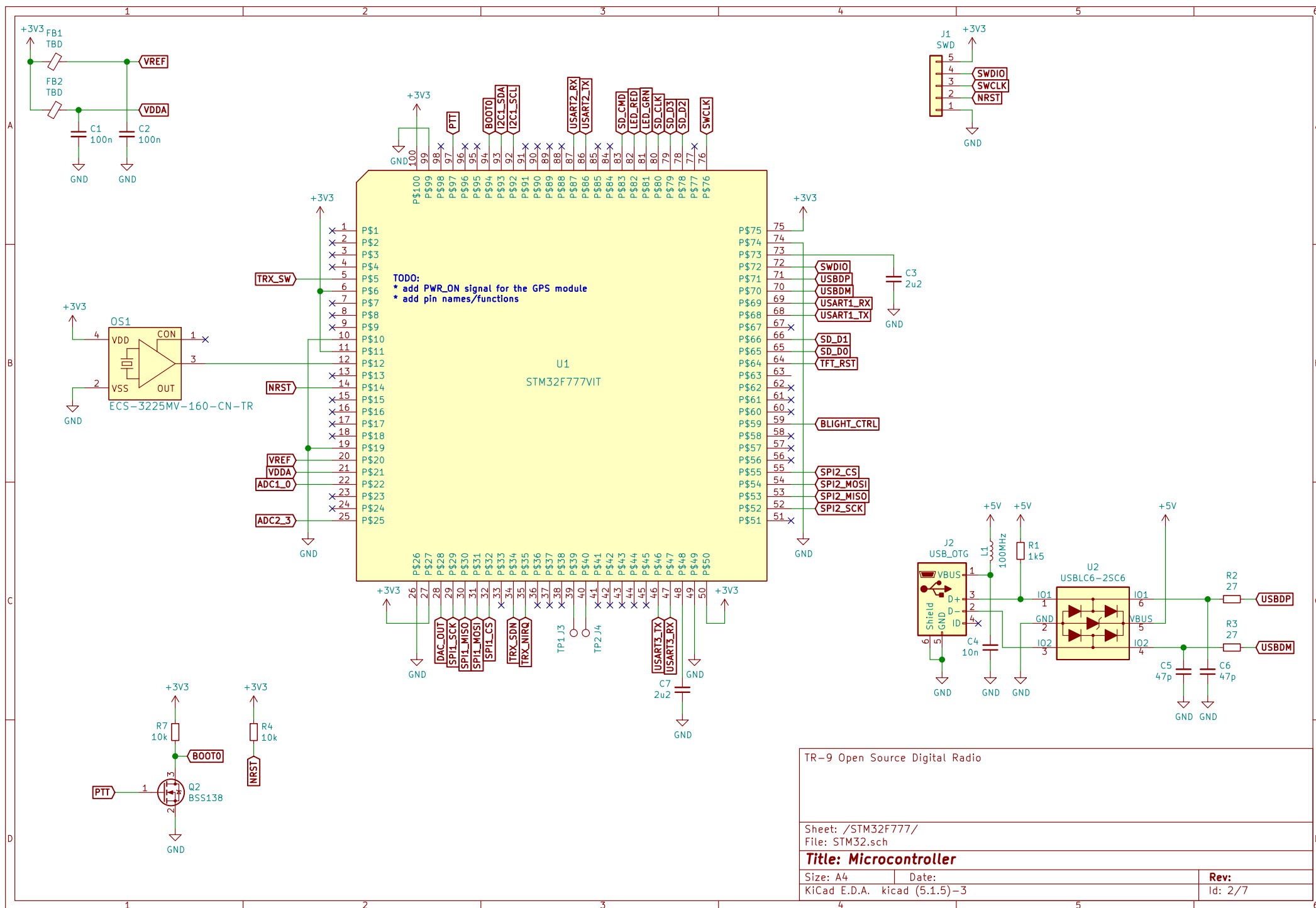
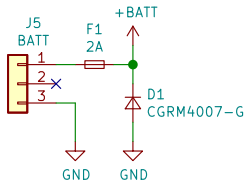


	1	2	3	4	5	6
A	<div>Sheet: STM32F777</div> <div>File: STM32.sch</div> <div>Sheet: Power Supply</div> <div>File: PSU.sch</div> <div>Sheet: Display</div> <div>File: TFT.sch</div> <div>Sheet: RF</div> <div>File: RF.sch</div> <div>Sheet: Audio</div> <div>File: Audio.sch</div> <div>Sheet: Connections</div> <div>File: Connection.sch</div>					A
B						B
C						C
D						D
	1	2	3	4	5	6

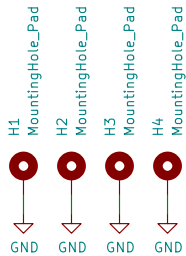
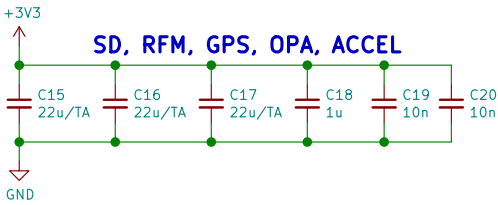
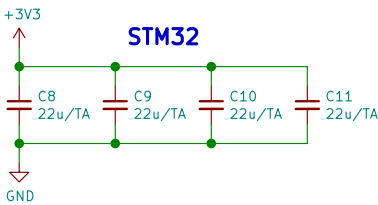
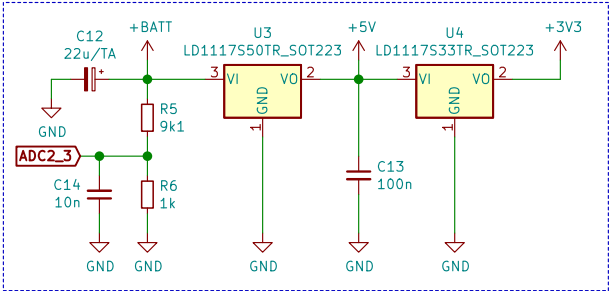
TR-9 Open Source Digital Radio		
Sheet: /		
File: Mainboard.sch		
Title: <b>TR-9 Mainboard</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.5)-3		Id: 1/7





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



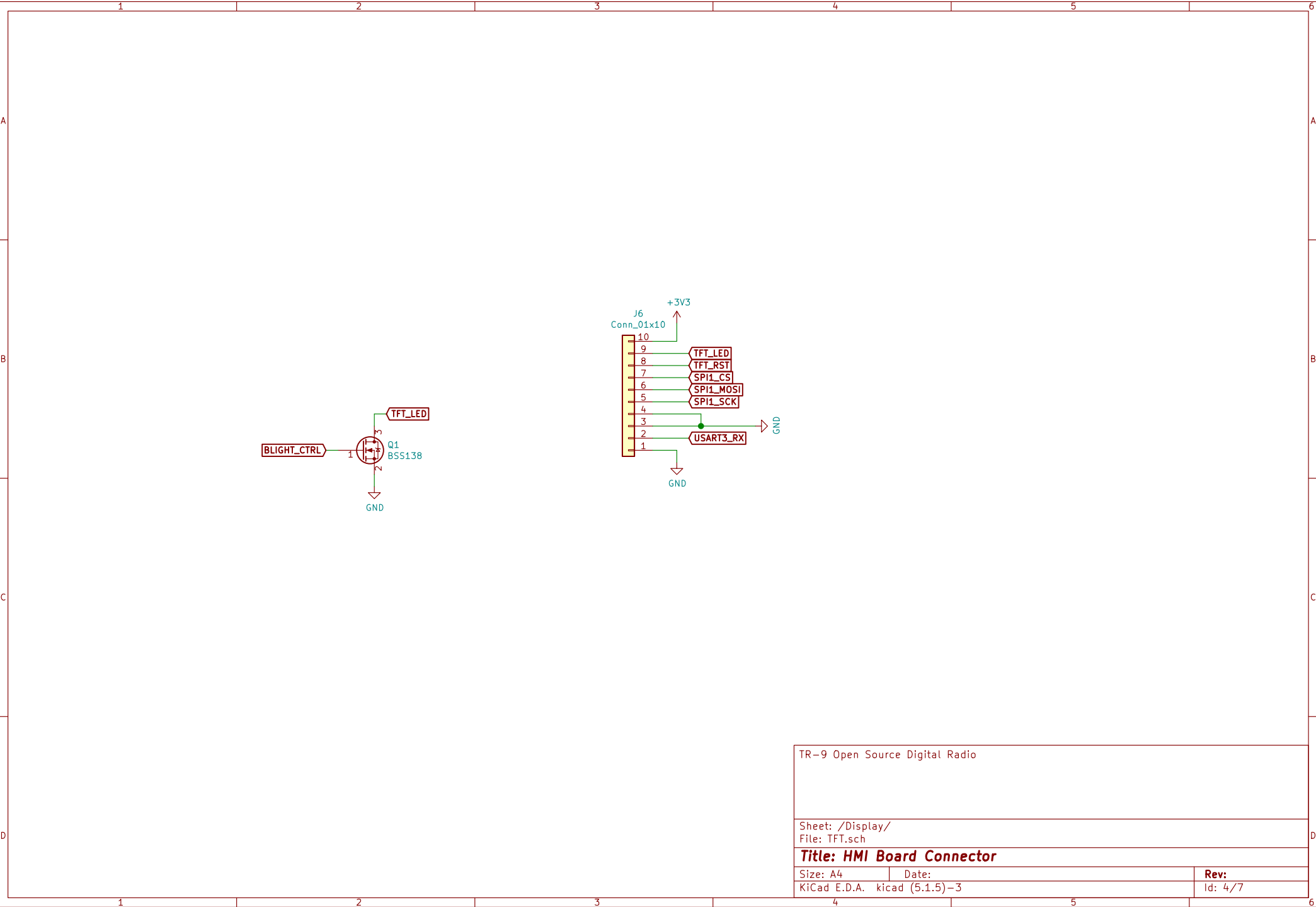
TR-9 Open Source Digital Radio

Sheet: /Power Supply/  
File: PSU.sch

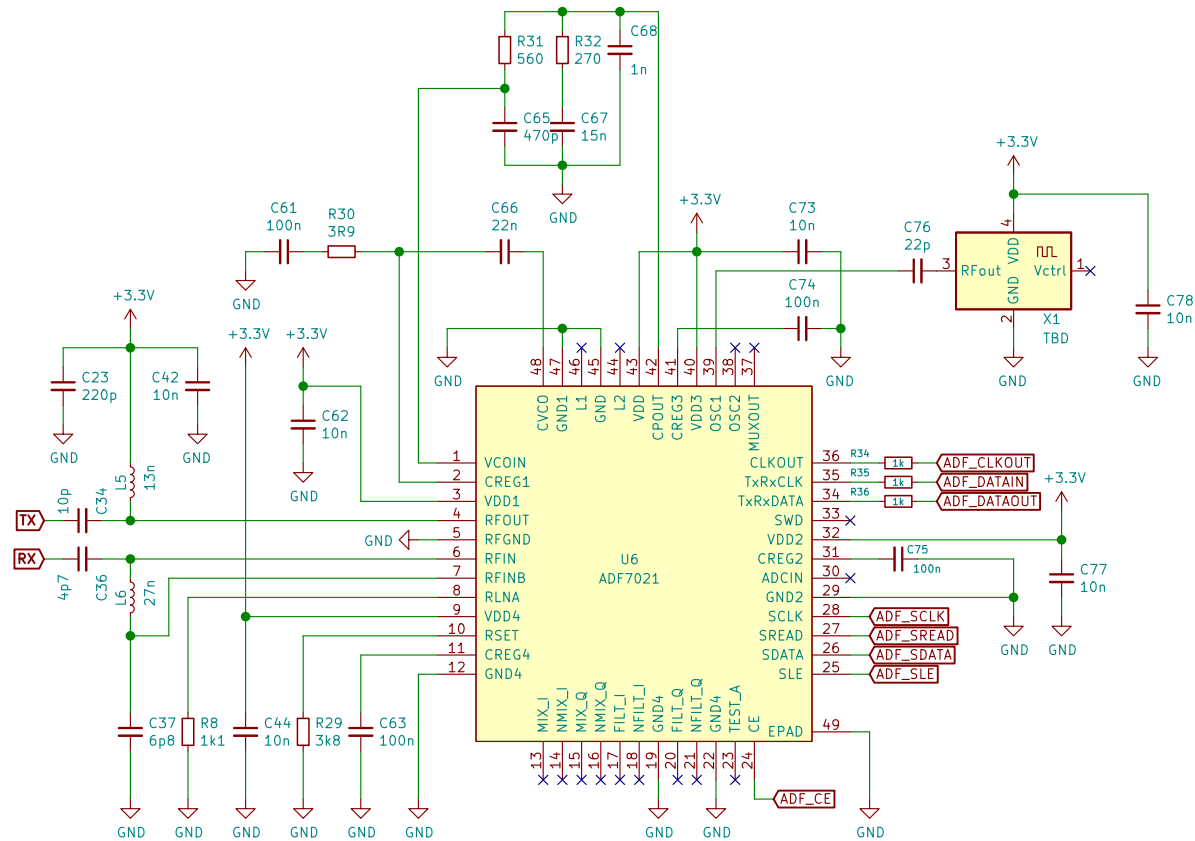
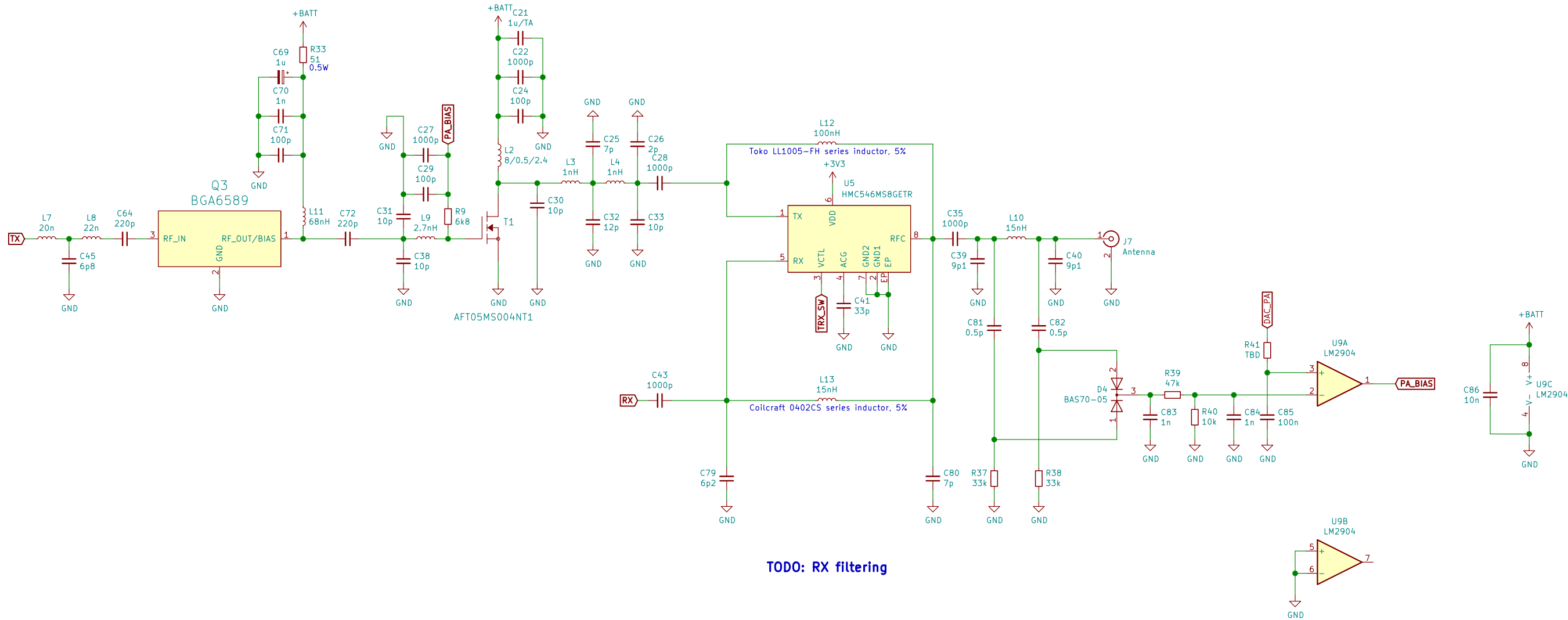
**Title: Power Supply**

Size: A4 Date:  
KiCad E.D.A. kicad (5.1.5)-3

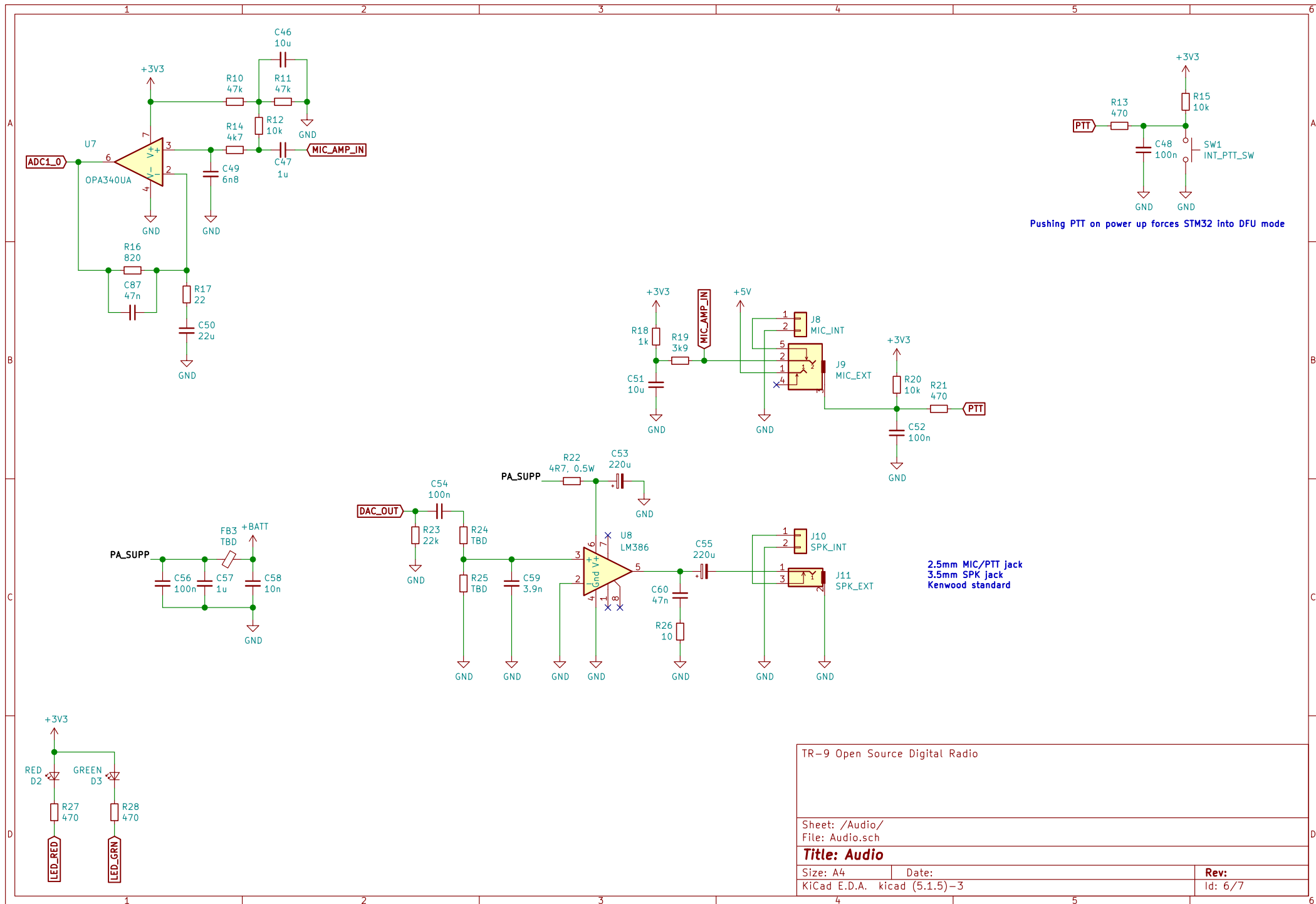
Rev:  
Id: 3/7



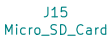
TR-9 Open Source Digital Radio		
Sheet: /Display/ File: TFT.sch		
Title: HMI Board Connector		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.5)-3		Id: 4/7



TR-9 Open Source Digital Radio		
Sheet: /RF/		
File: RF.sch		
Title: RF circuit		
Size: A3	Date:	Rev:
KiCad E.D.A. kicad (5.1.5)-3		Id: 5/7



TR-9 Open Source Digital Radio	
Sheet: /Audio/ File: Audio.sch	
<b>Title: Audio</b>	
Size: A4	Date:
KiCad E.D.A. kicad (5.1.5)-3	Rev: Id: 6/7



Rev:  
Id: 7/7