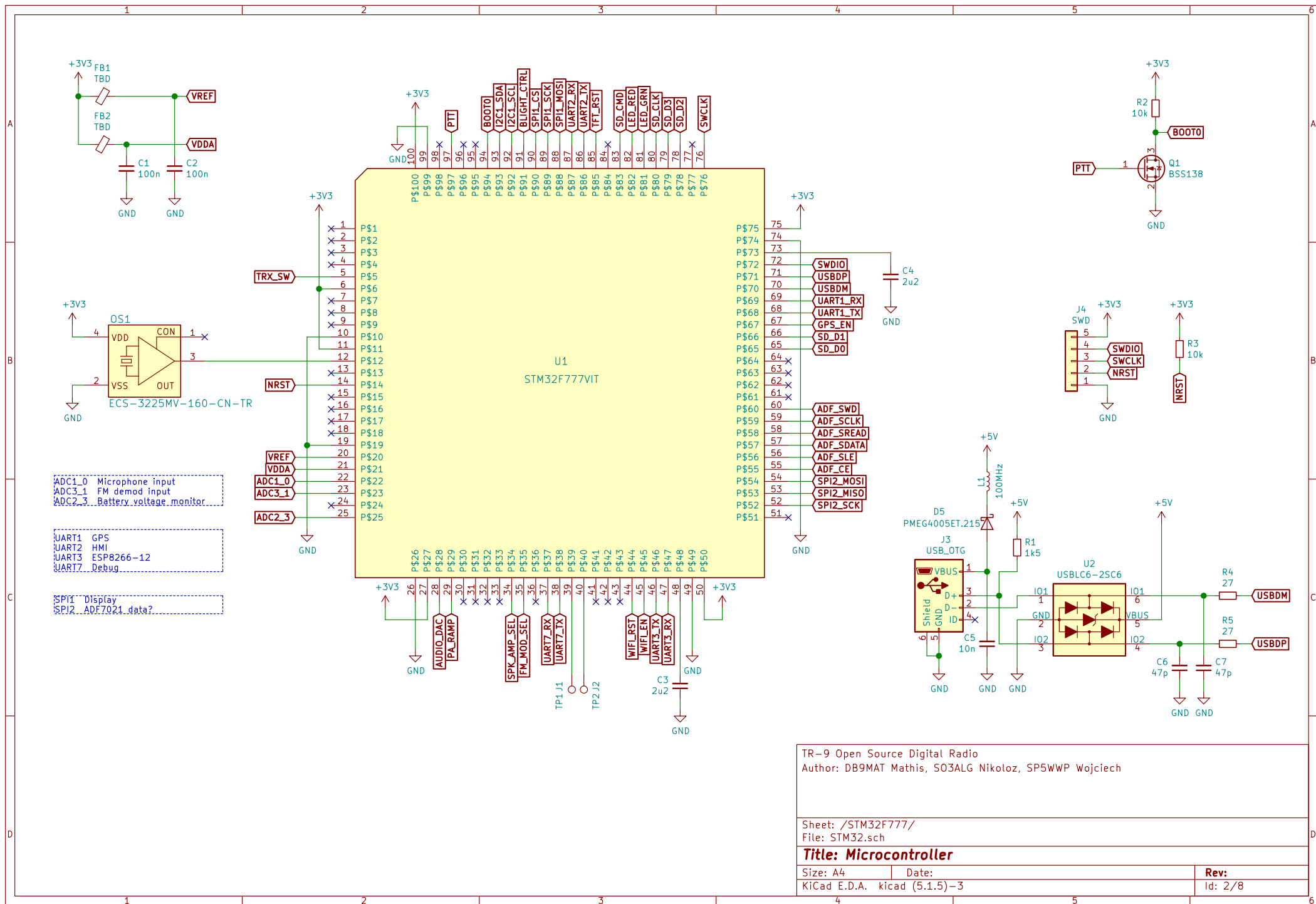


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A	<div>Sheet: STM32F777</div> <div>File: STM32.sch</div> <div>Sheet: Power Supply</div> <div>File: PSU.sch</div> <div>Sheet: Display</div> <div>File: TFT.sch</div> <div>Sheet: RF</div> <div>File: RF.sch</div> <div>Sheet: Audio</div> <div>File: Audio.sch</div> <div>Sheet: Connections</div> <div>File: Connection.sch</div> <div>Sheet: Modules</div> <div>File: Modules.sch</div>					
B						
C						
D						<div>TR-9 Open Source Digital Radio</div> <div>Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech</div> <div>Sheet: /</div> <div>File: Mainboard.sch</div> <div>Title: <b>TR-9 Mainboard</b></div> <div>Size: A4Date:KiCad E.D.A. kicad (5.1.5)-3Rev:Id: 1/8</div>
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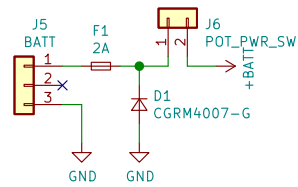
TR-9 Open Source Digital Radio  
Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WPP Wojciech

Sheet: /STM32F777/  
File: STM32.sch

**Title: Microcontroller**

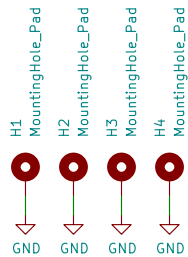
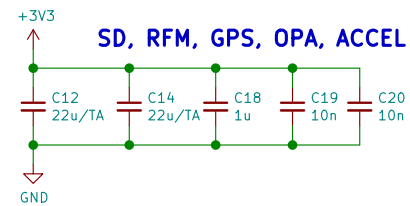
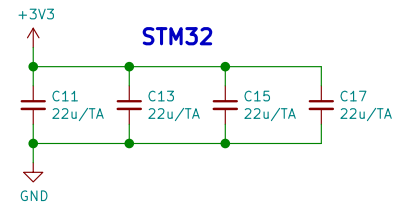
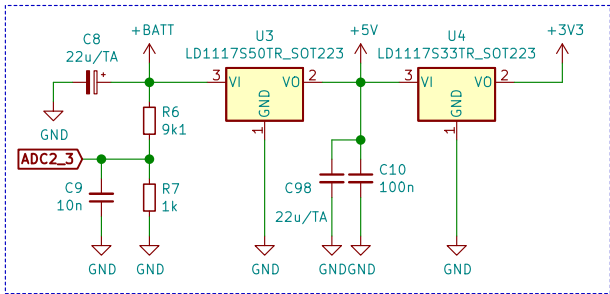
Size: A4 Date:  
KiCad E.D.A. kicad (5.1.5)-3

Rev:  
Id: 2/8



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



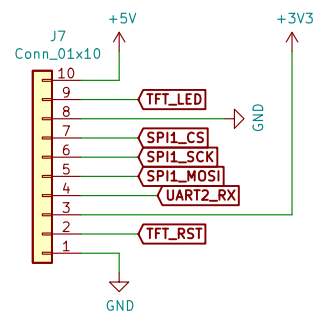
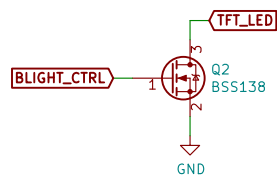
TR-9 Open Source Digital Radio  
Author: DB9MAT Mathis, SO3ALG Nikoloz, SP5WWP Wojciech

Sheet: /Power Supply/  
File: PSU.sch

**Title: Power Supply**

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

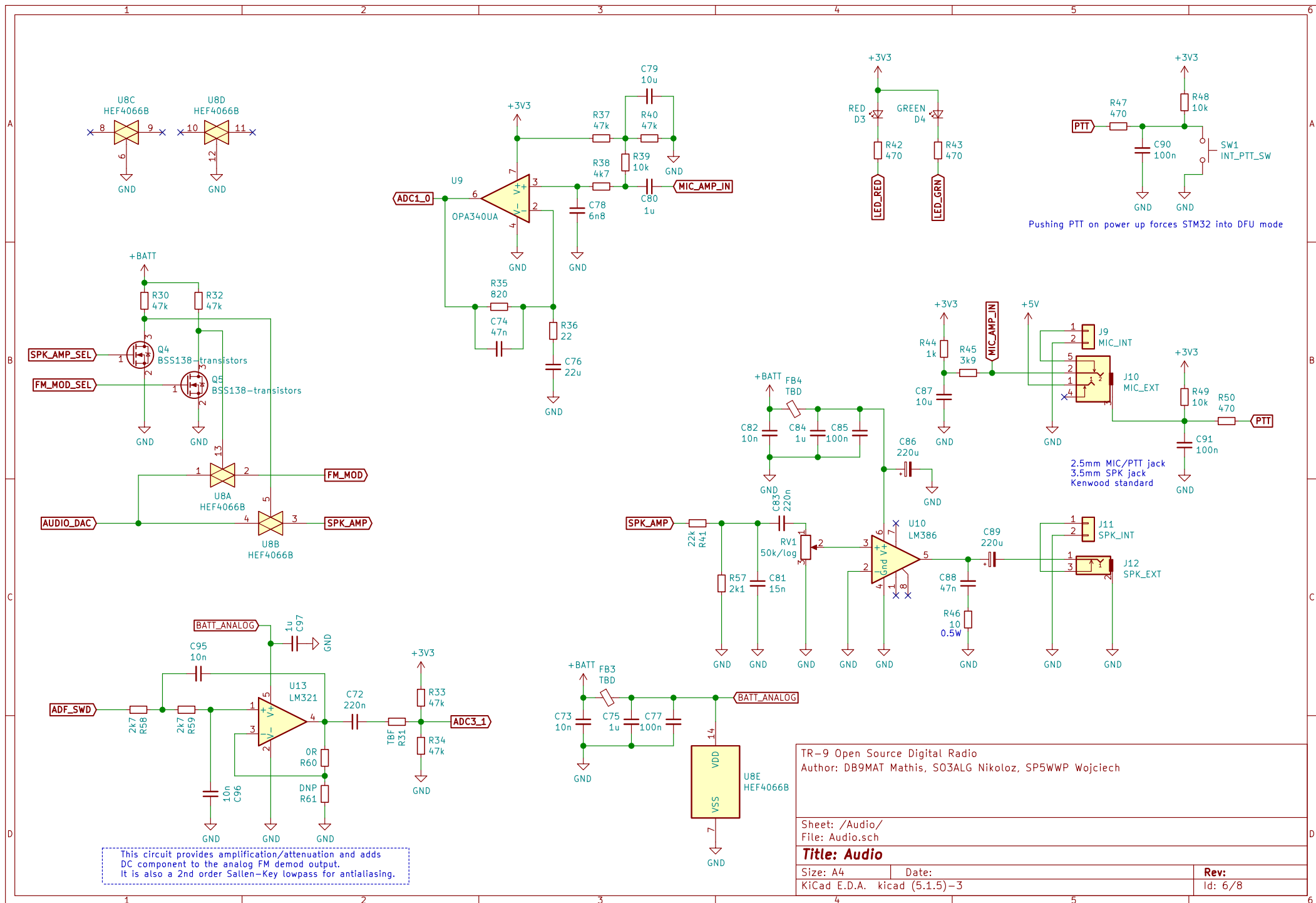
Rev:  
Id: 3/8

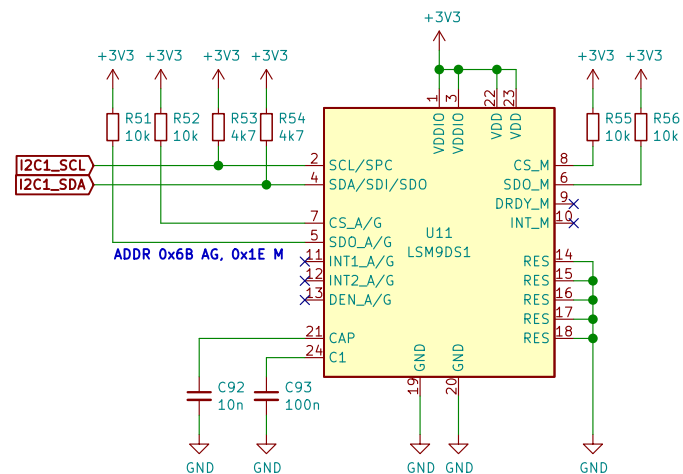
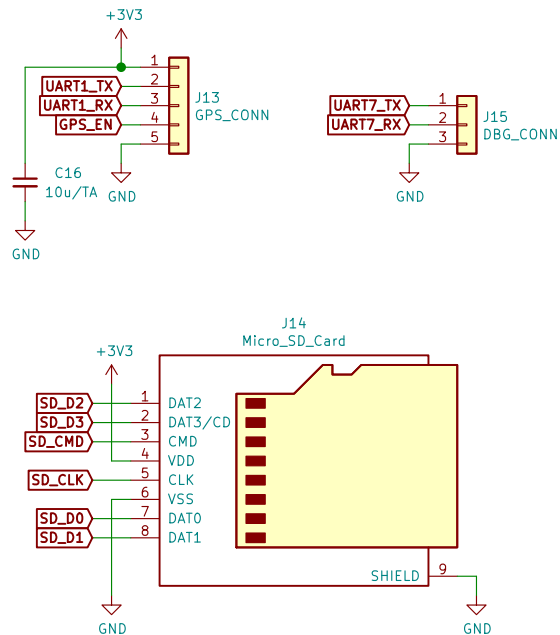


TR-9 Open Source Digital Radio		
Author: DB9MAT Mathis, SO3ALG Nikoloz, SP5WWP Wojciech		
Sheet: /Display/		
File: TFT.sch		
Title: HMI Board Connector		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.5)-3		Id: 4/8



Sheet: /RF/	
File: RF.sch	
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Size: A3	Date:
KiCad E.D.A. kicad (5.1.5)–3	Rev: Id: 5/8



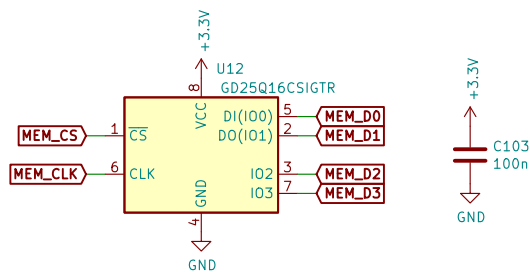
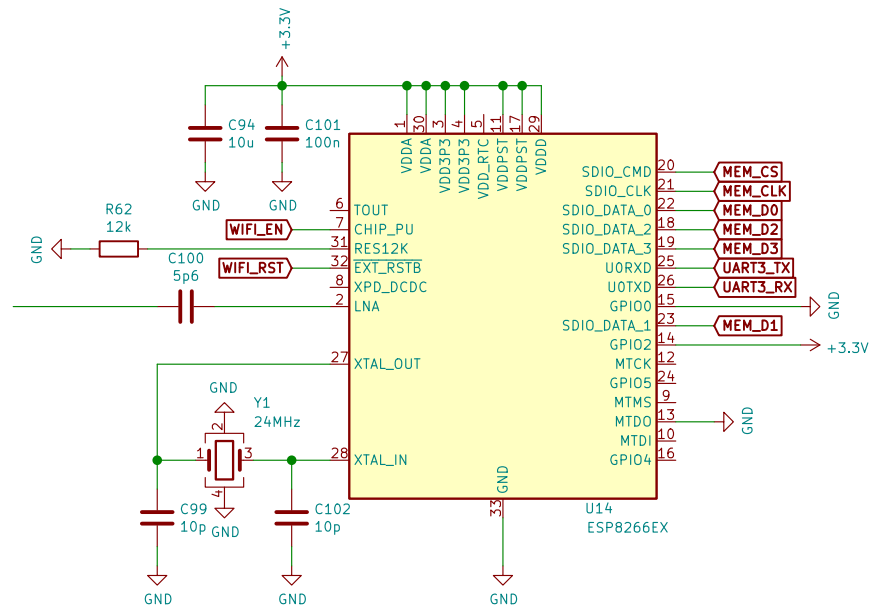


TR-9 Open Source Digital Radio  
 Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech

Sheet: /Connections/  
 File: Connection.sch

### Title: Connections

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.5)-3		Id: 7/8



TR-9 Open Source Digital Radio  
 Author: DB9MAT Mathis, S03ALG Nikoloz, SP5WWP Wojciech

Sheet: /Modules/  
 File: Modules.sch

### Title: Modules

Size: A4 Date: 2020-01-20  
 KiCad E.D.A. kicad (5.1.5)-3

Rev:  
 Id: 8/8