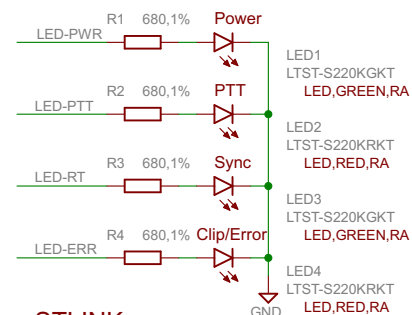
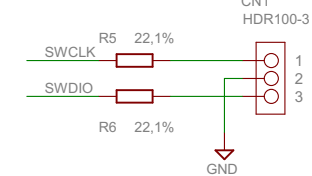


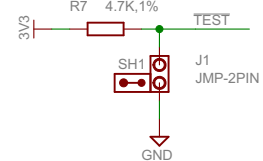
## LED's



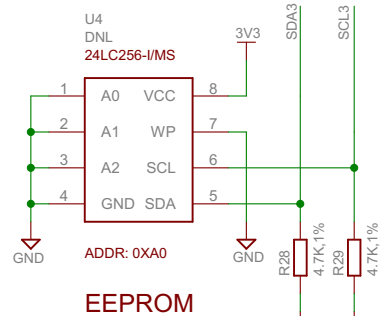
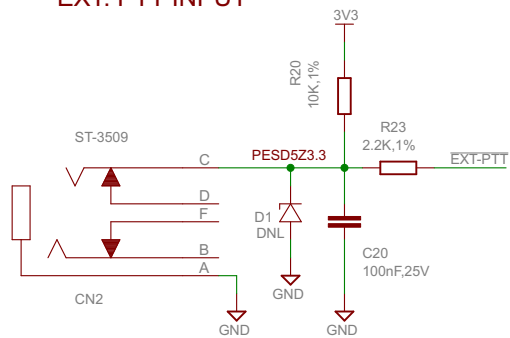
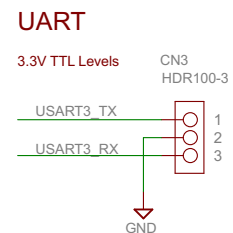
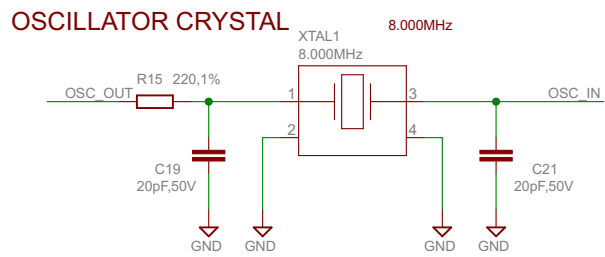
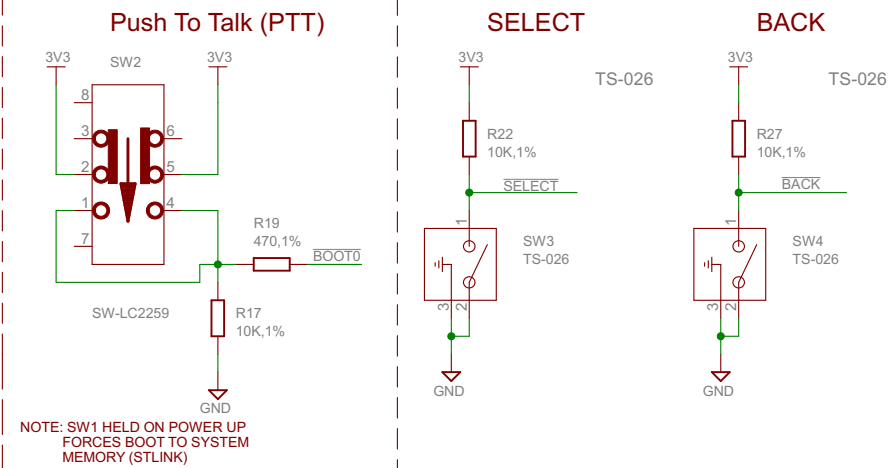
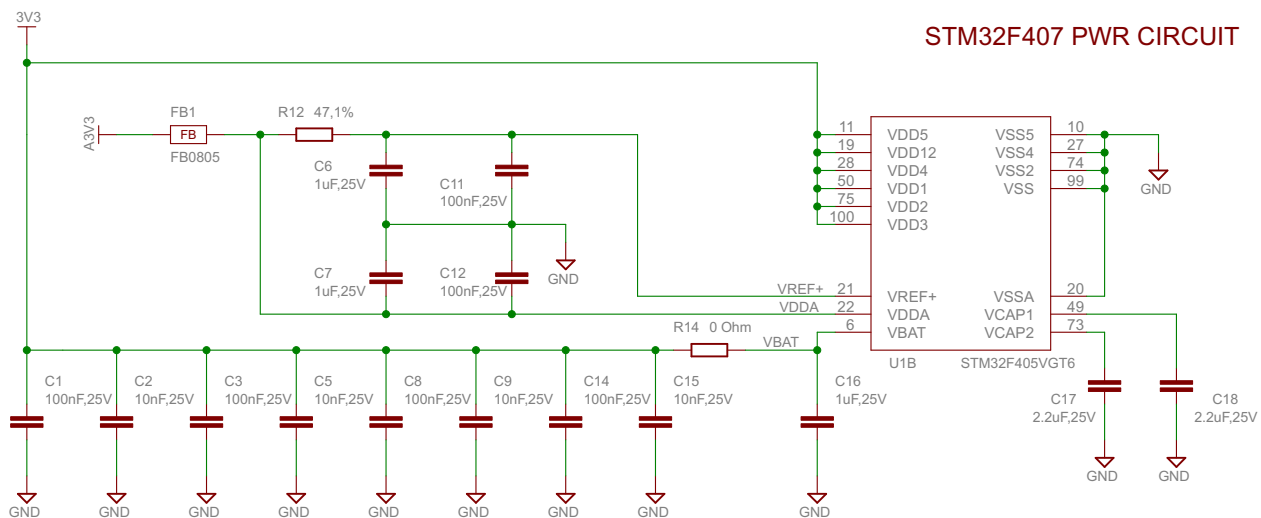
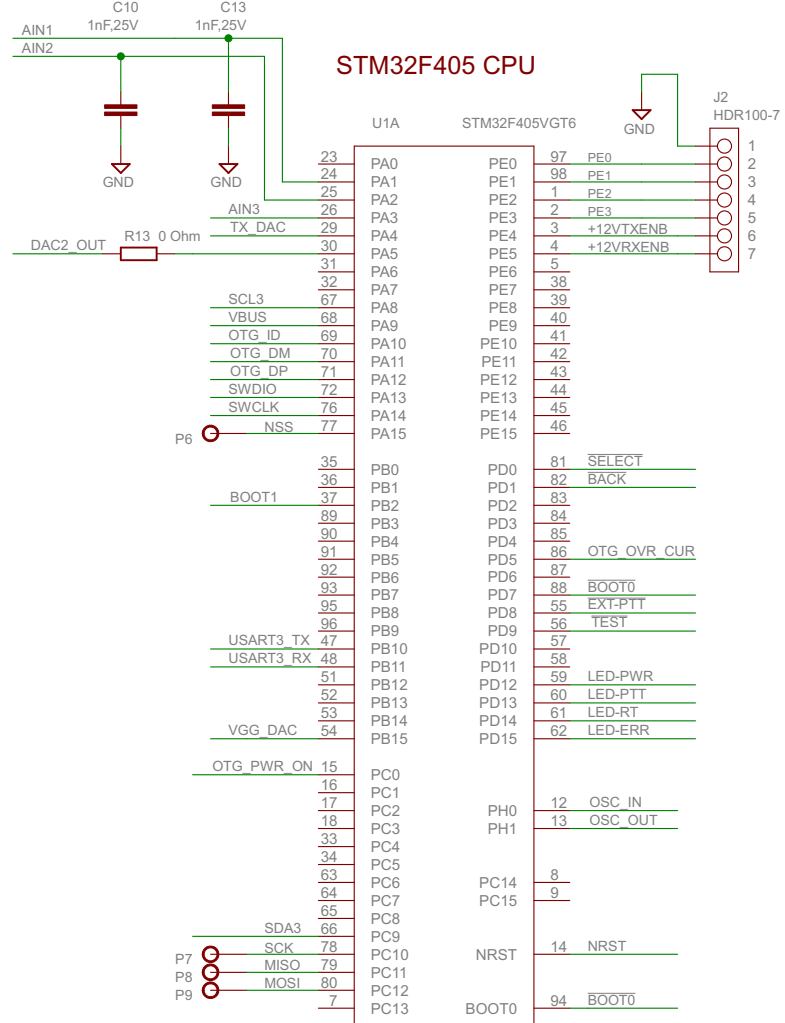
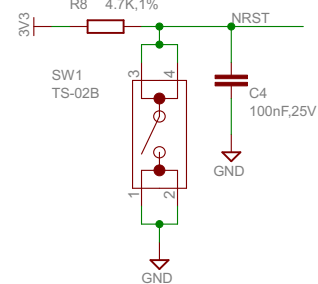
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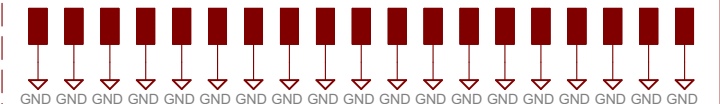
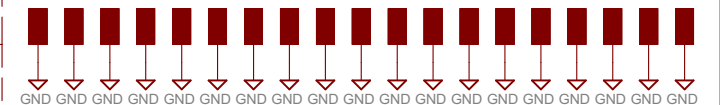
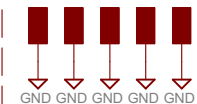
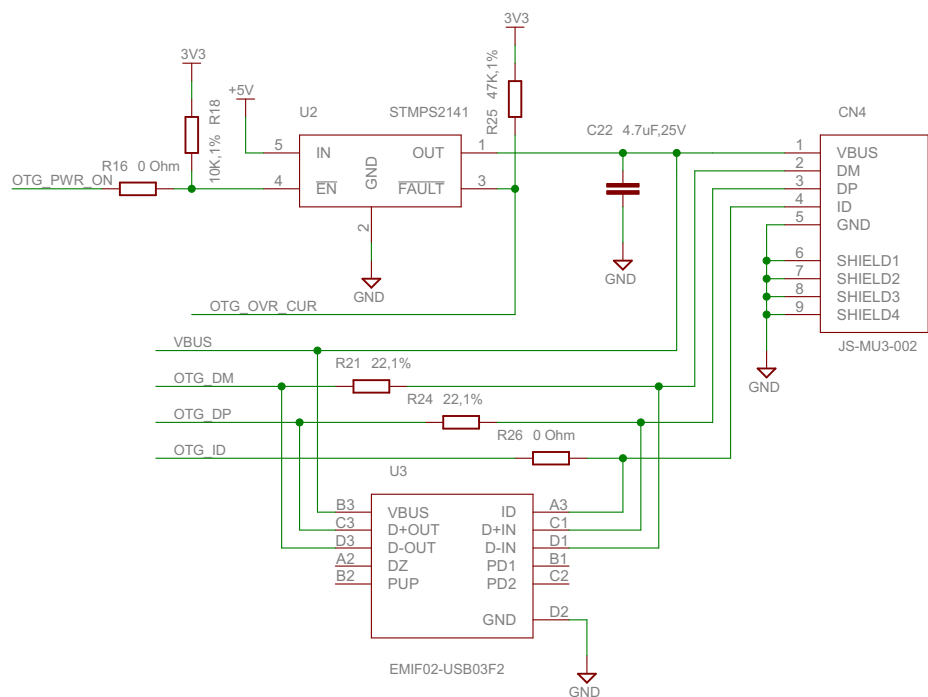
## SELF TEST



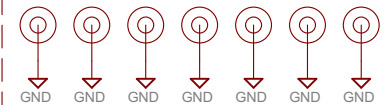
RESET



## OTG USB INTERFACE



MOUNTING PADS - (SYMBOL SO THEY CAN BE LOCKED)



## MISC. PARTS

PCB1  
SM2000A  
PRINTED CIRCUIT BOARD

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# ROWETEL

TITLE: SM2000 -

Document  
Number: SM2000

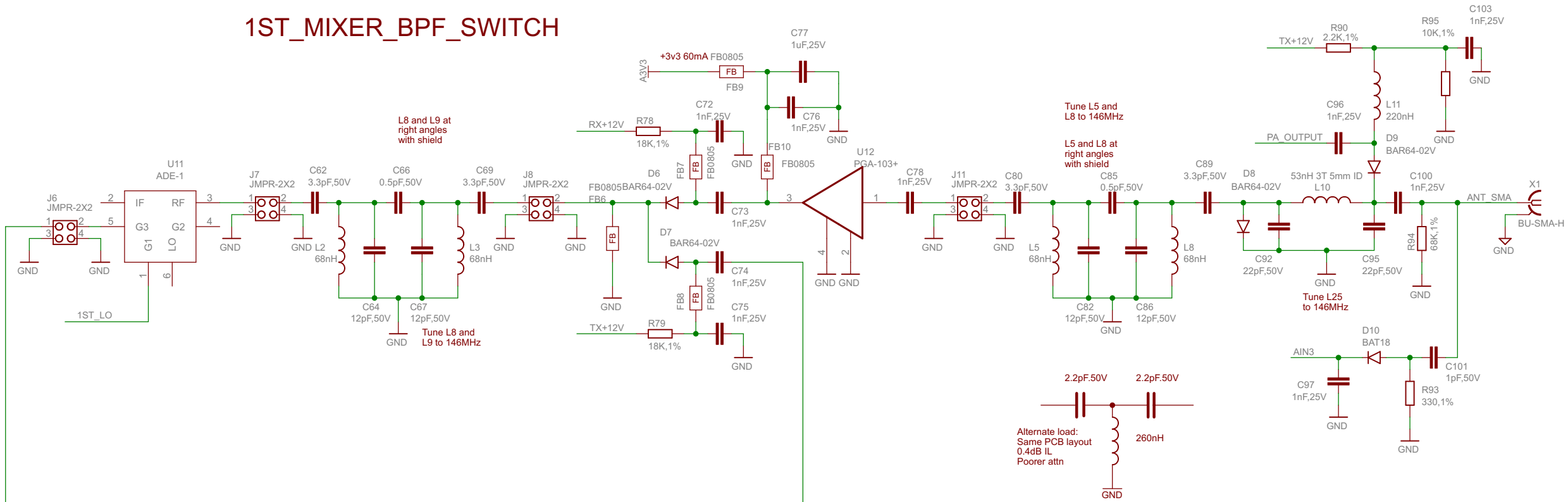
REV:  
A

Date: 4/15/2016 10:33:24 AM

Sheet: 1/4



1ST\_MIXER\_BPF\_SWITCH

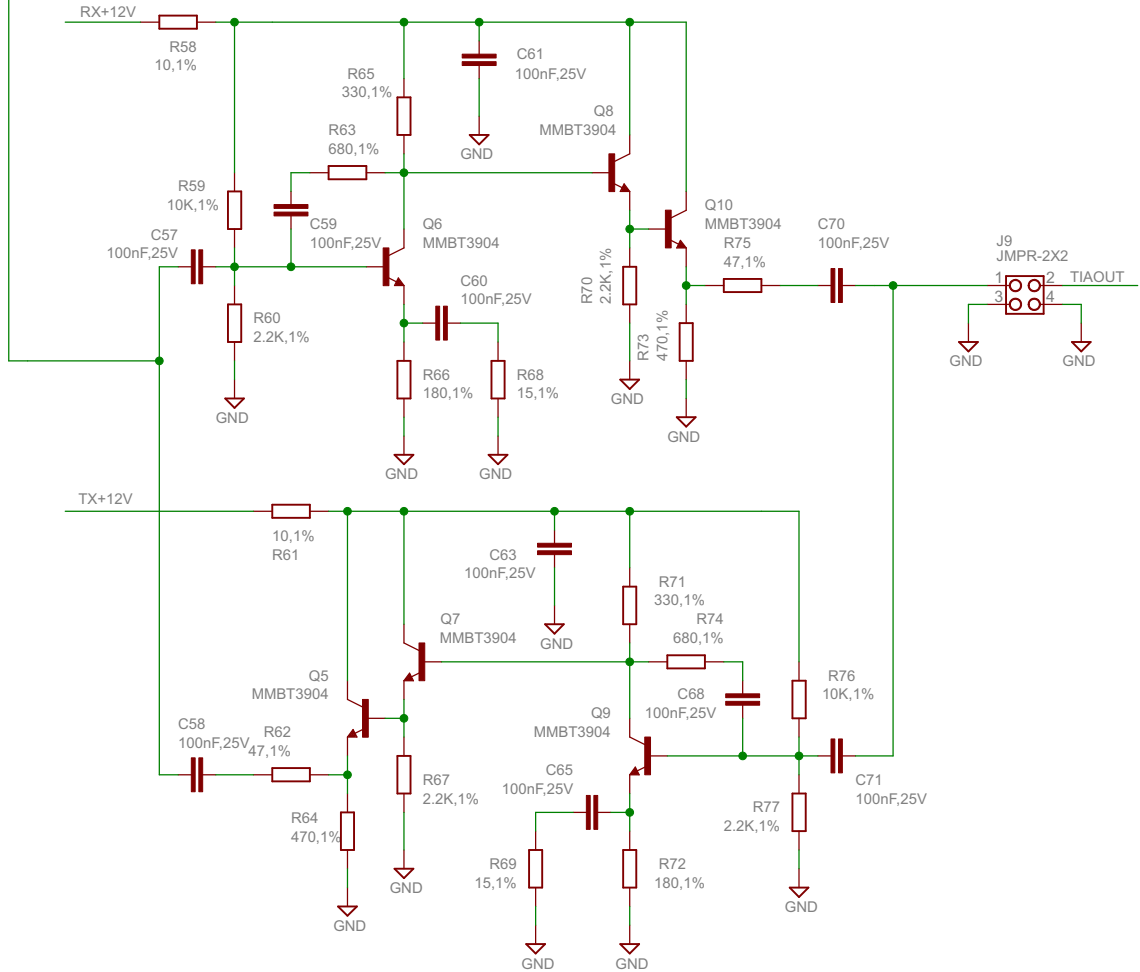


Note: Have to hook up I2C lines on Si570 & Si5351A

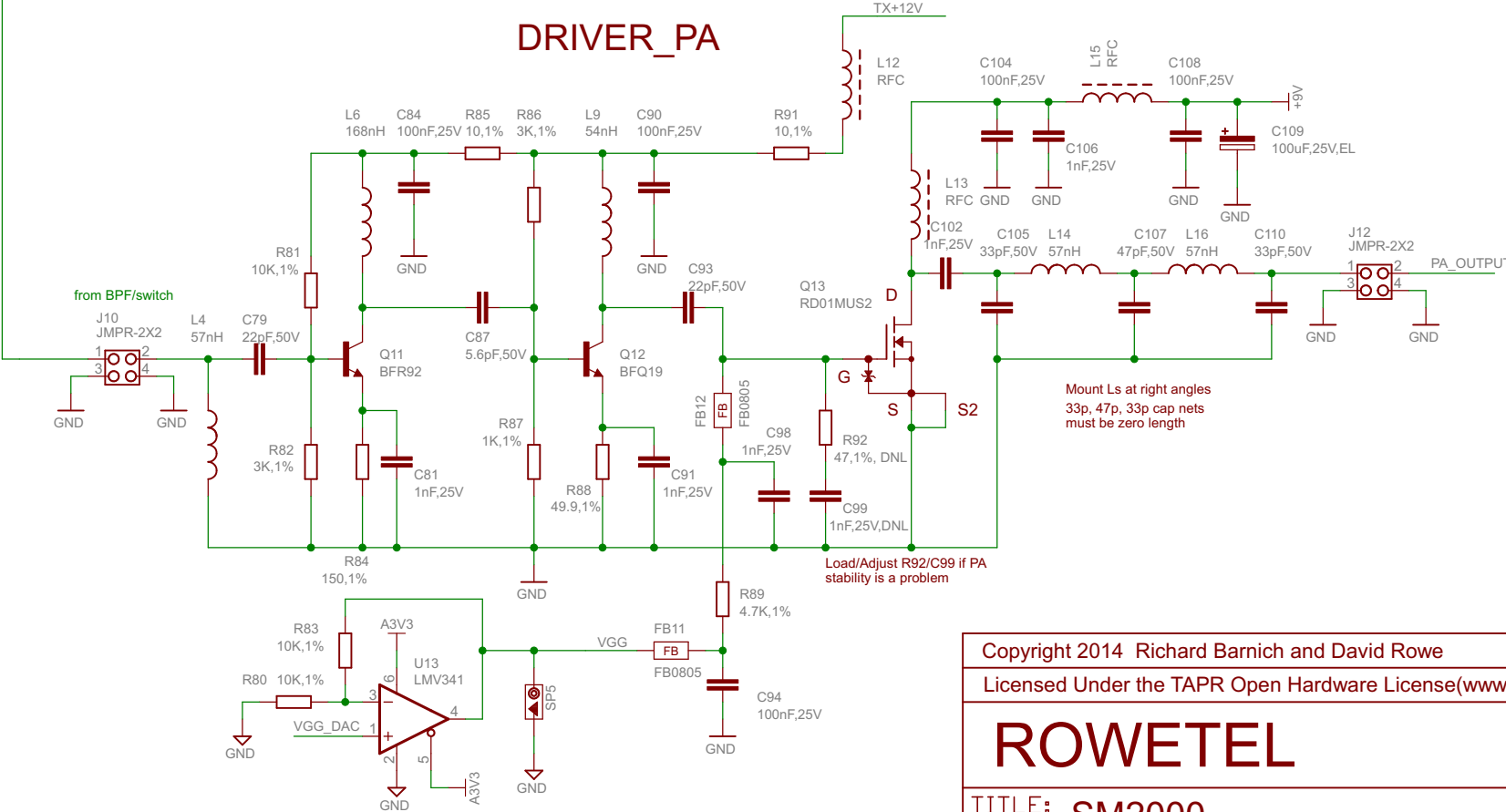
Note: L22 5.2uH +/- 10% Q>20  
L23 15uH +/- 10% Q>20  
L21 9.2uH +/- 10% Q>20  
L20 5.7uH +/- 10% Q>20

3T 6.25mm

TERMINATION INSENSITIVE AMPLIFIER



DRIVER\_PA



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ROWETEL

TITLE: SM2000 -

Document Number: SM2000

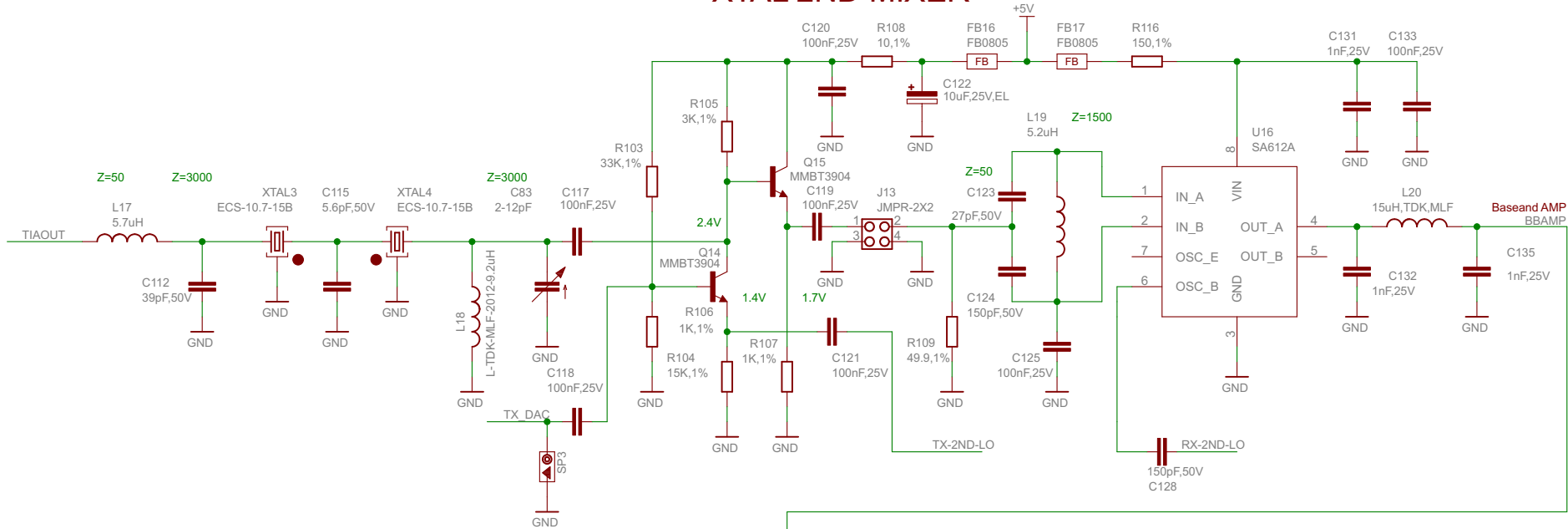
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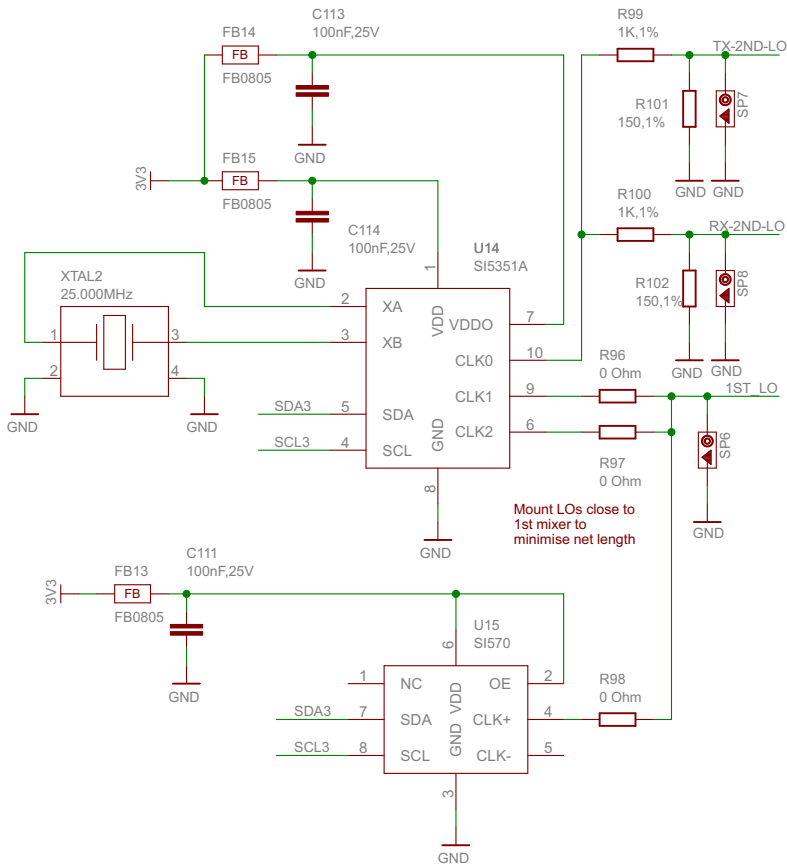
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DATE	REVISION	ECN	REV	BY
12/15/15	MERGE SM1000, TIA & BASEBAND_AMP SCHEMATICS		A	RGB

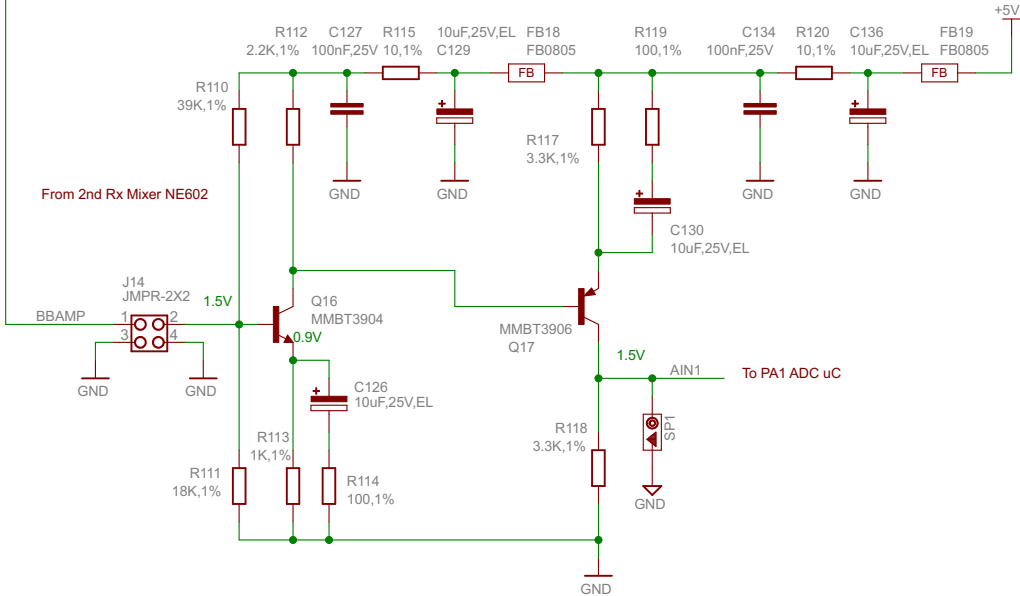
## XTAL 2ND MIXER



## LOCAL OSCILLATOR



## BASEBAND\_AMP



## Notes

- L9 3T 6.25mm
- L10 6T 6.25mm
- L12 3T 6.25mm
- L14 57nH, Air Core, 4T, 2mm ID
- L15 57nH, Air Core, 4T, 2mm ID
- L16 68nH, 4.5T 5mm ID
- L17 68nH, 4.5T 5mm ID
- L18 68nH, 4.5T 5mm ID
- L19 68nH, 4.5T 5mm ID
- L24 260nH 8T 6.25mm ID
- L25 53nH, 3T 5mm ID
- L26 220nH, 7T 6.25mm ID

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ROWETEL	
TITLE: SM2000 -	
Document Number: SM2000	REV: A
Date: 4/15/2016 10:33:24 AM	Sheet: 4/4