

DOCUMENT
SCHEMATIC DIAGRAM 824-125889-0030

PRINTED CIRCUIT BOARD
200-125889-0030

Approvals		<div style="text-align: center;"> <h1>Broadcom</h1> <p>Company Confidential</p> </div>			
Designer	Date				
Reviewer	Date	SIZE <b>B</b>	TITLE BCM9WCD1AUDIO_3		
Reviewer	Date	Designer VIJAY DESAI		Drawing Number 824-125889-0030	Version 01
Reviewer	Date	DATE 16-10-2013_20:06		SHEET 1 OF 8	

D

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B

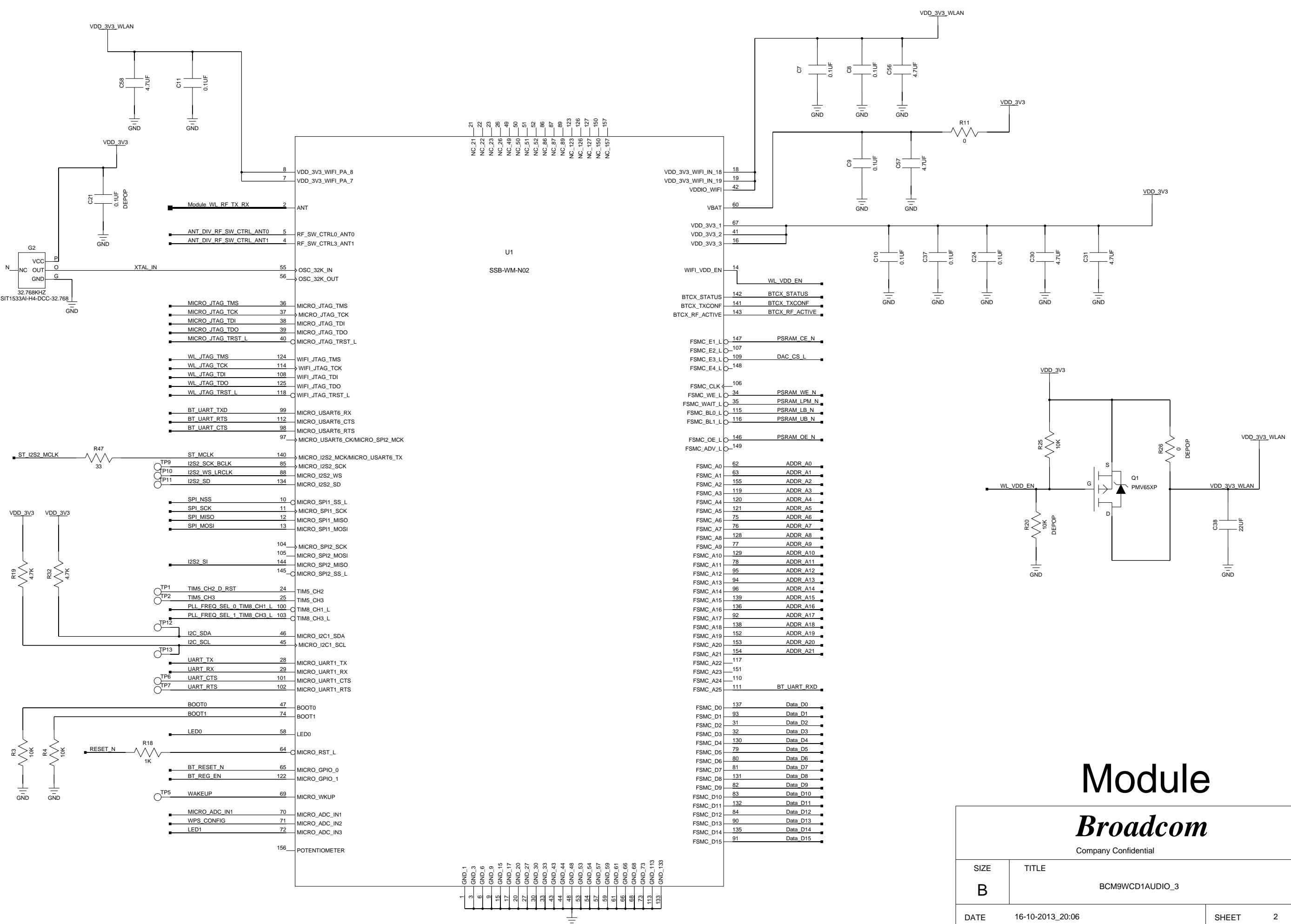
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Module

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SIZE	TITLE		
B	BCM9WCD1AUDIO_3		
DATE	16-10-2013_20:06	SHEET	2 OF 8

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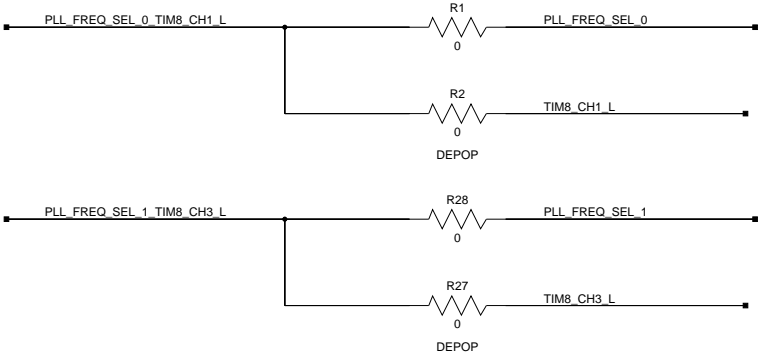
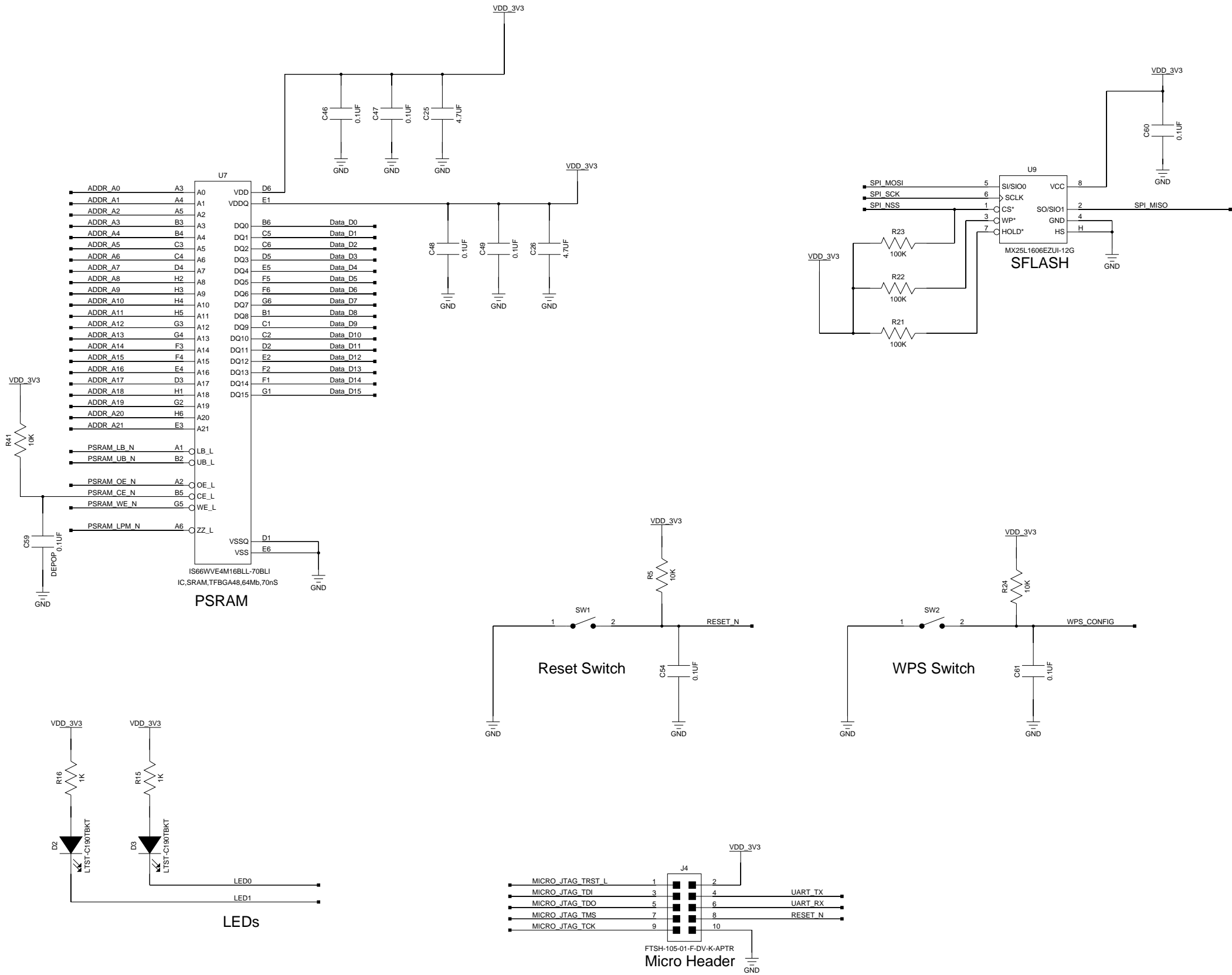
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# Memory + Misc

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SIZE	TITLE		
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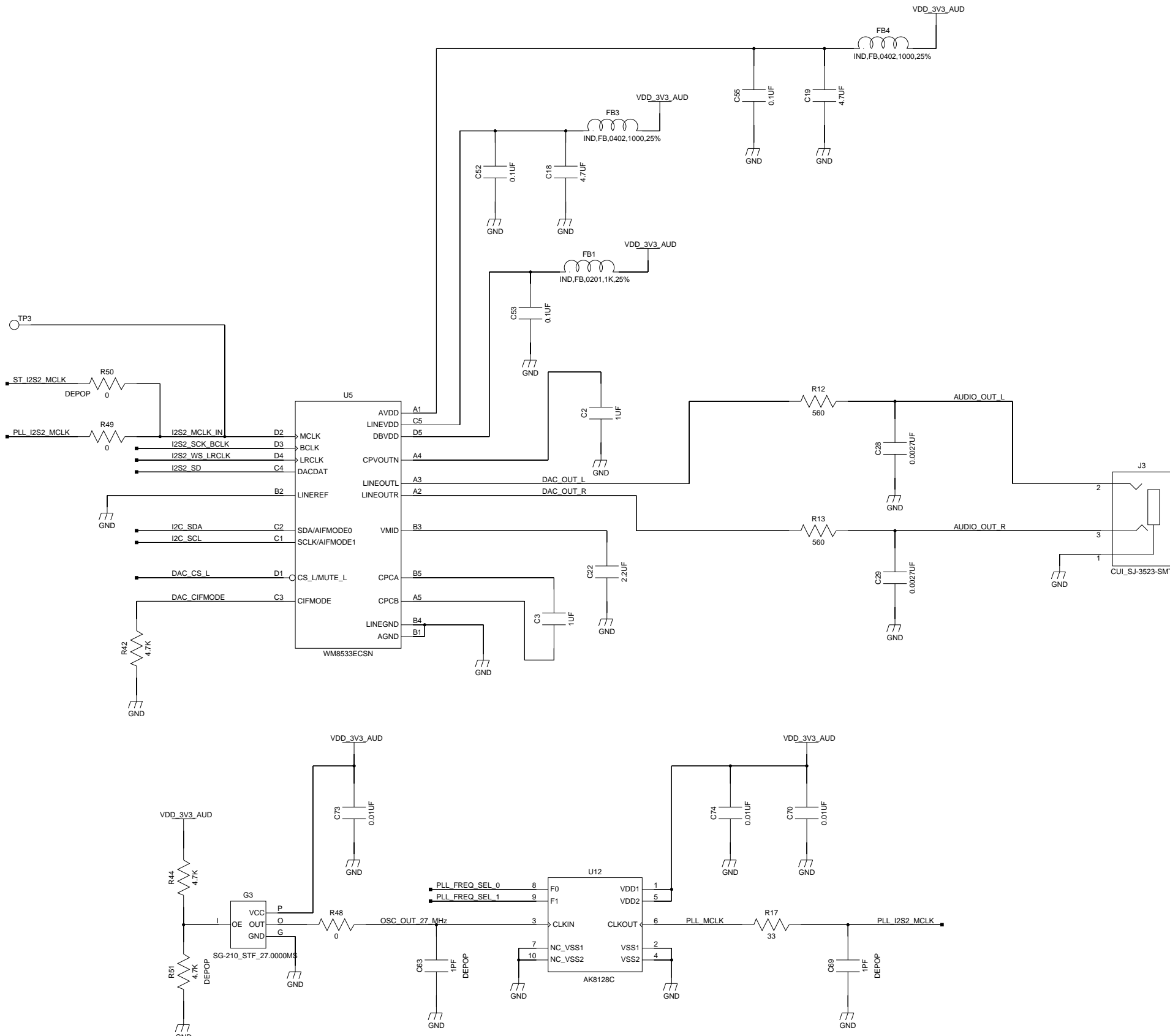
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Audio DAC Section has a separate Audio GND to isolate from noise of other sections. It connects to common GND (GND) with a small sliver

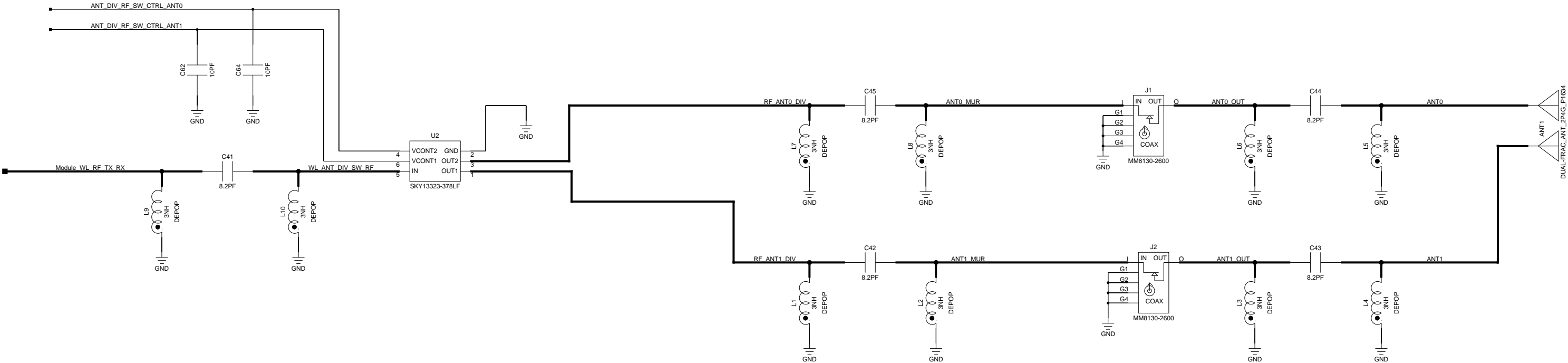


# Audio

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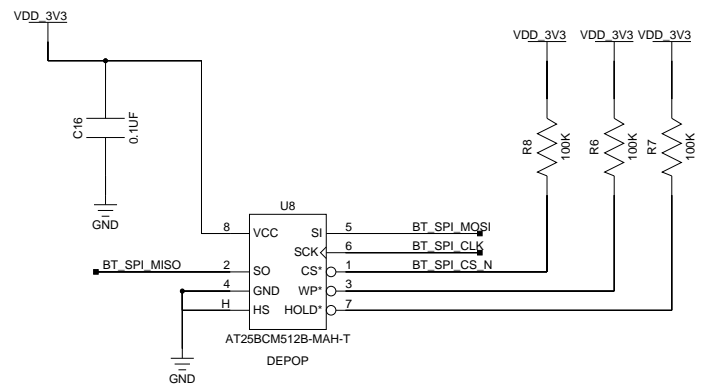
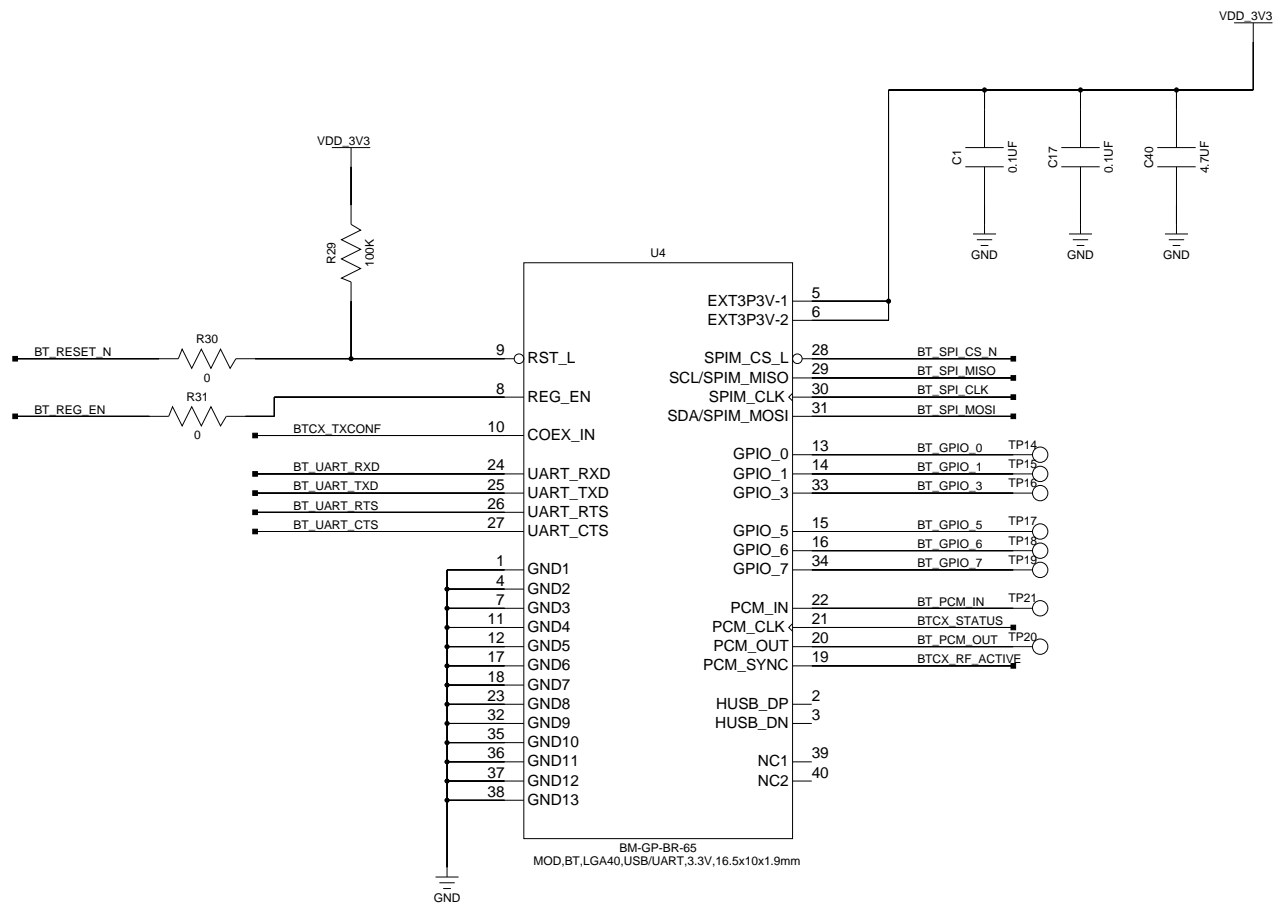


# WLAN RF

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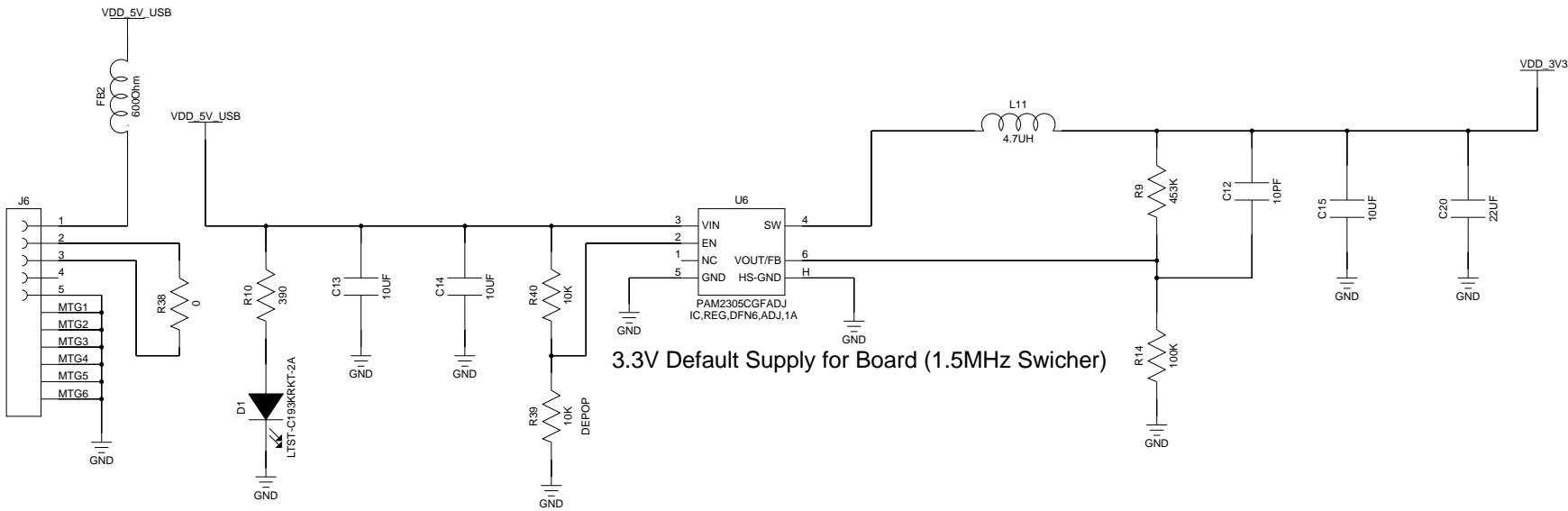
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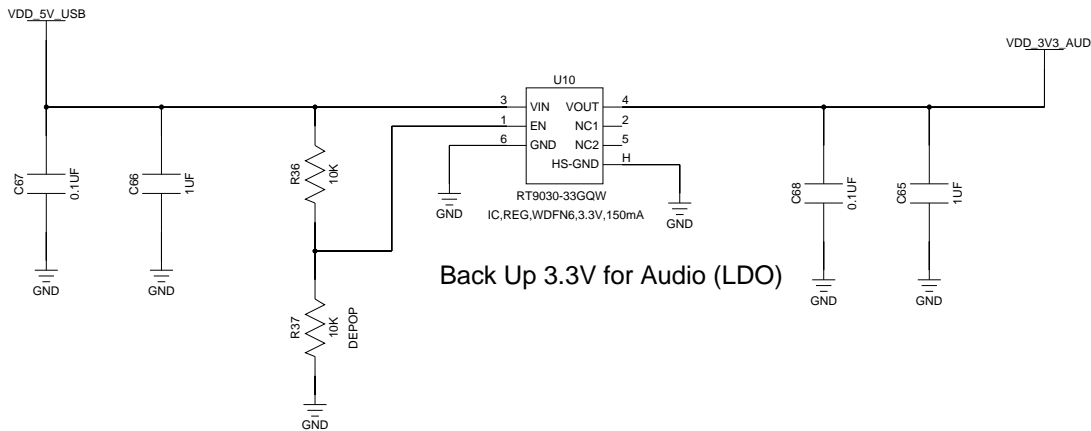
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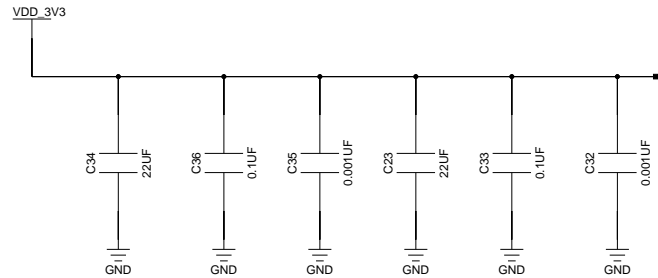
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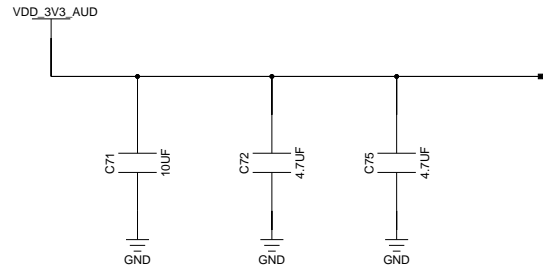
3.3V Default Supply for Board (1.5MHz Switcher)



Back Up 3.3V for Audio (LDO)



3.3V Switcher Supply Filtering



3.3V Audio LDO Supply Filtering

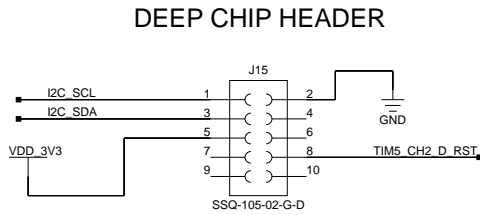
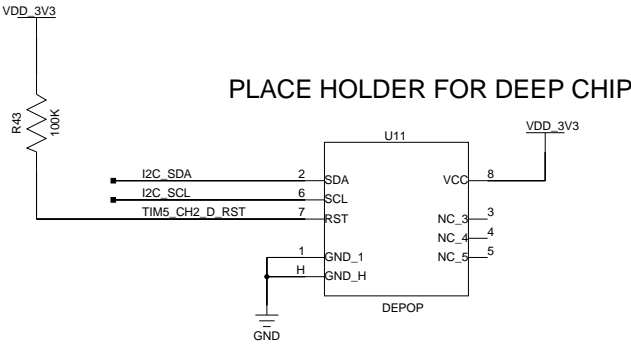
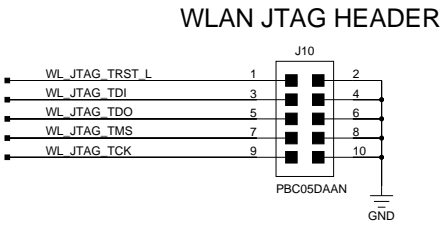
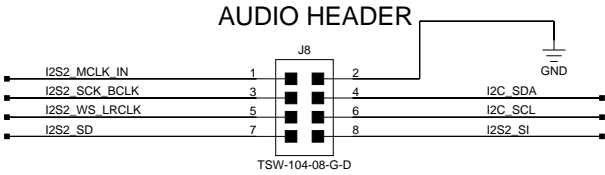
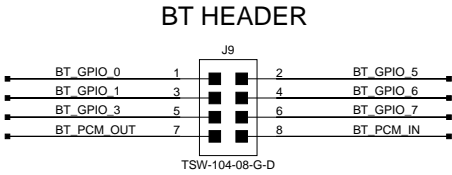
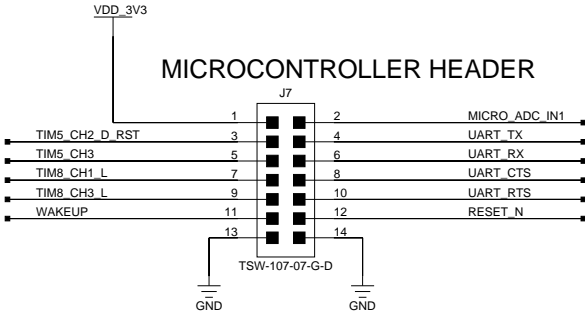
# Power Supply

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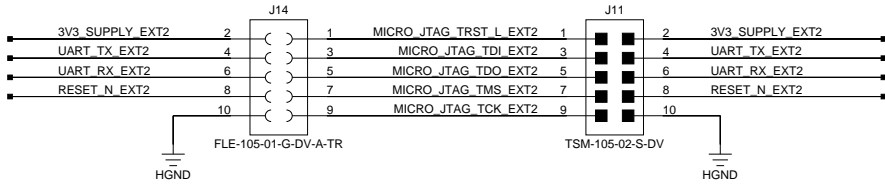
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BREAK AWAY BOARD



MICROCONTROLLER EXTENSION ADAPTER  
(Breakway adapter board to convert MICROCONTROLLER GPIOs from 0.05" header(J4) to 0.1" standard header)



Break Away

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