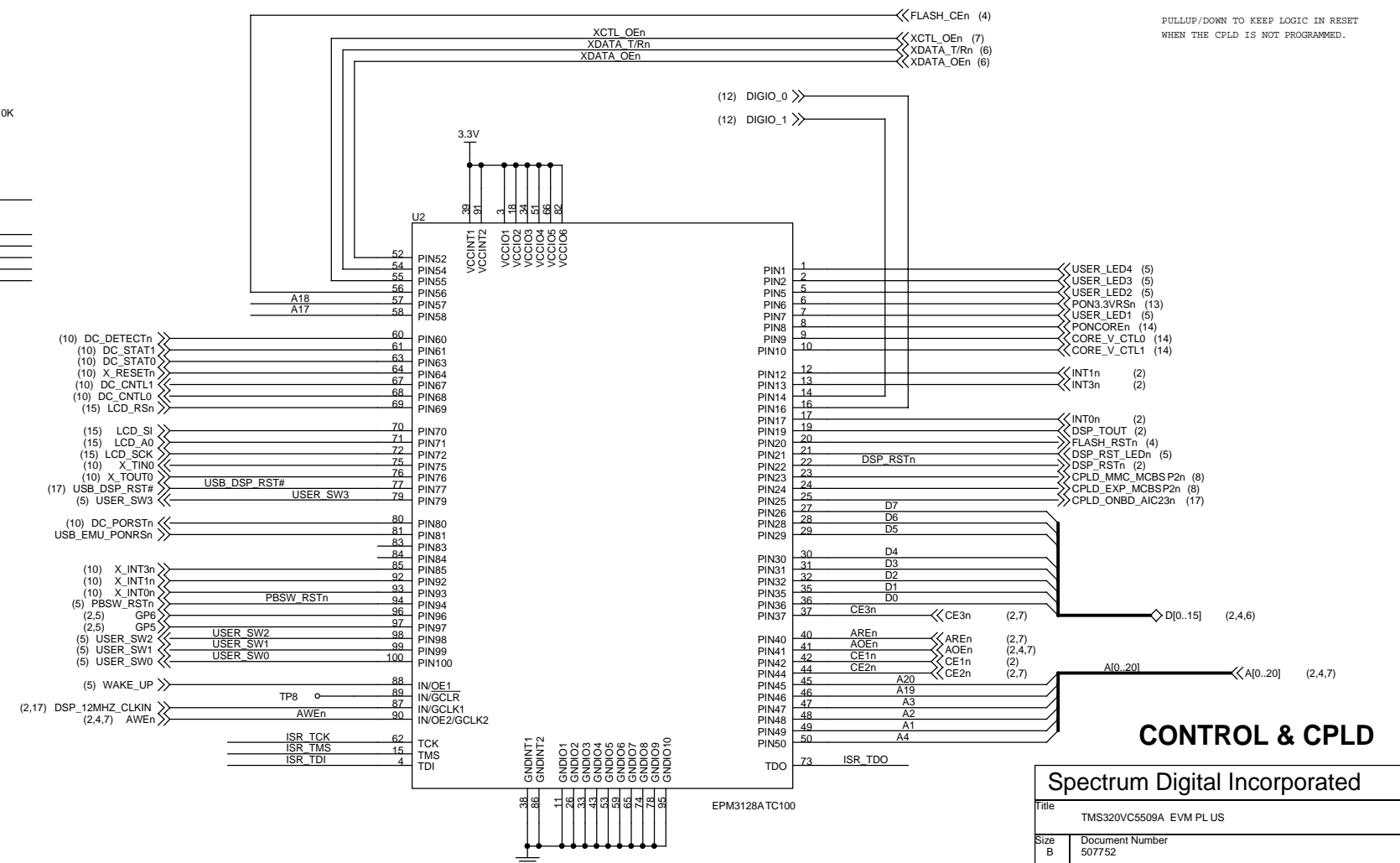
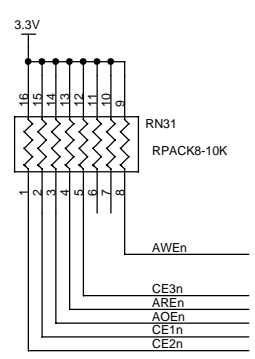
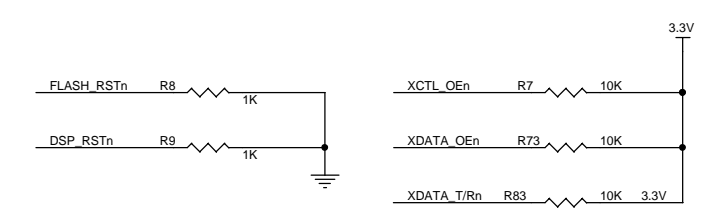
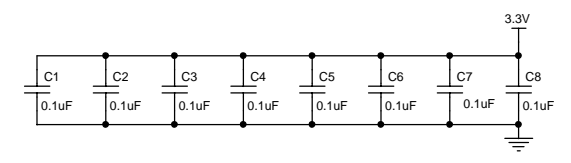
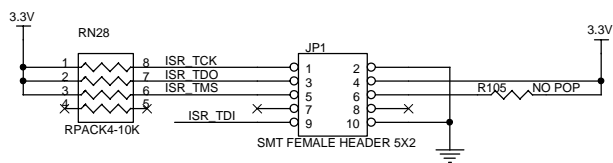


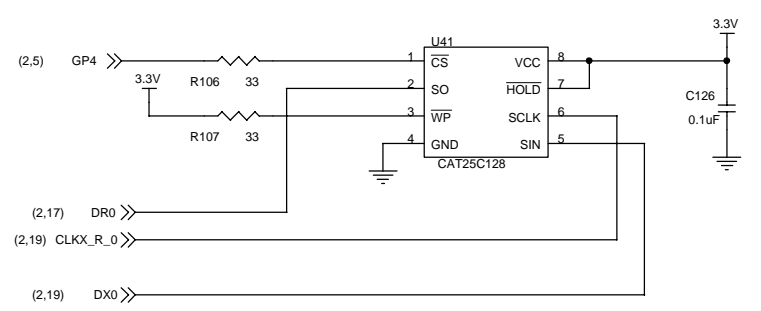
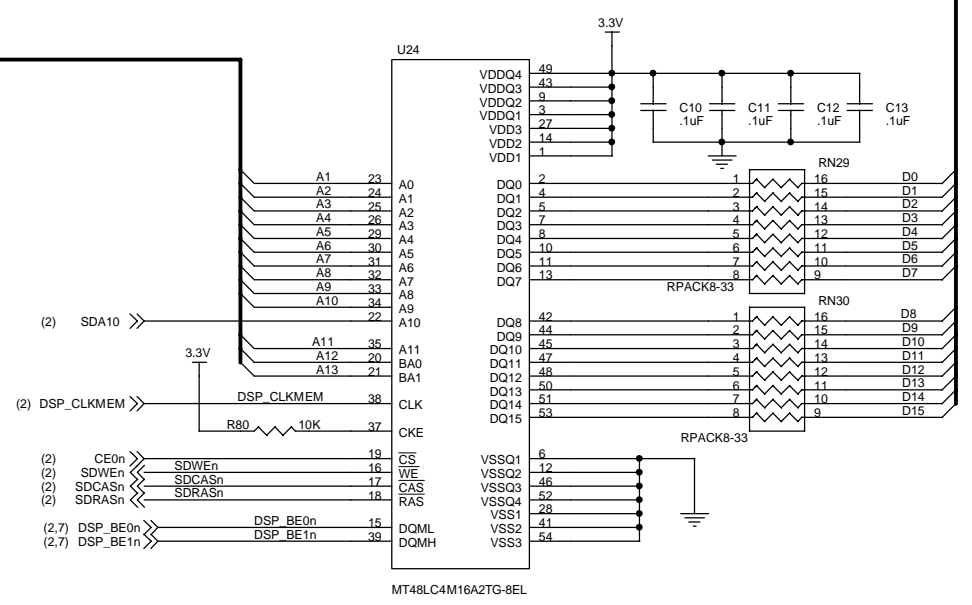
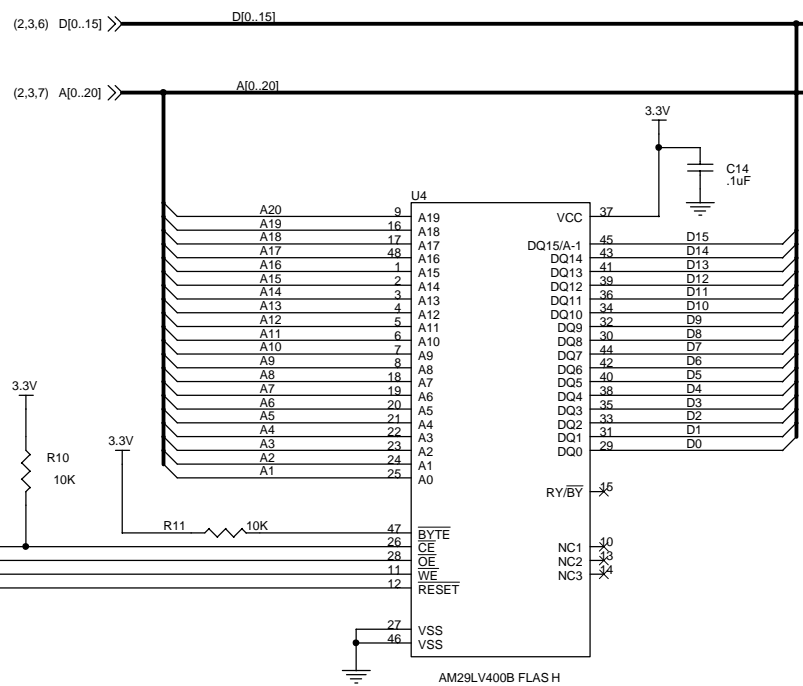
**U1**  
**TMS320VC5509A-GHH**

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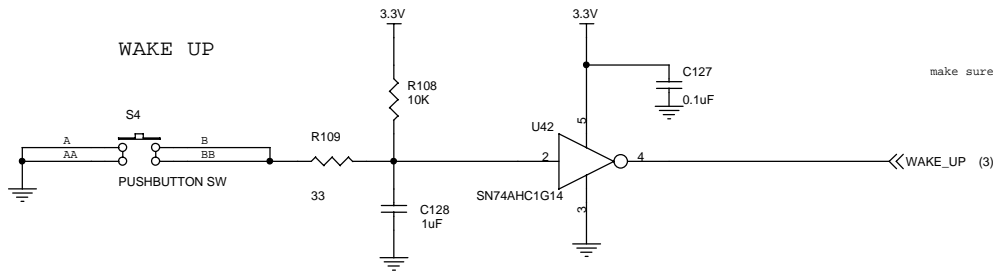
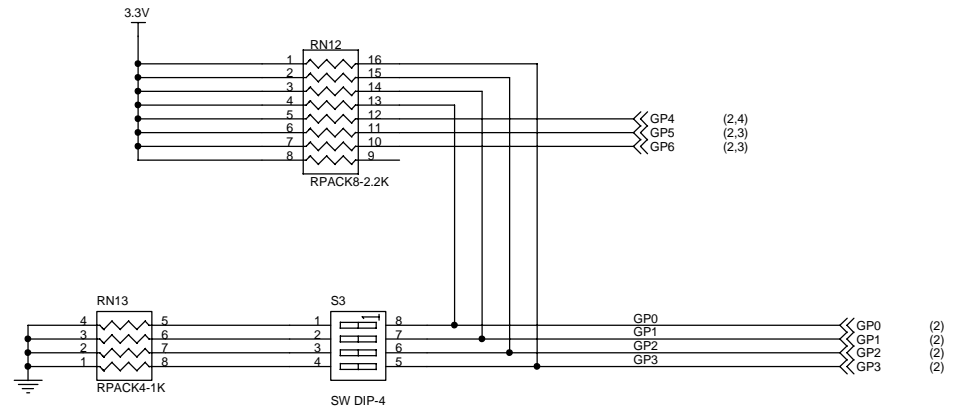
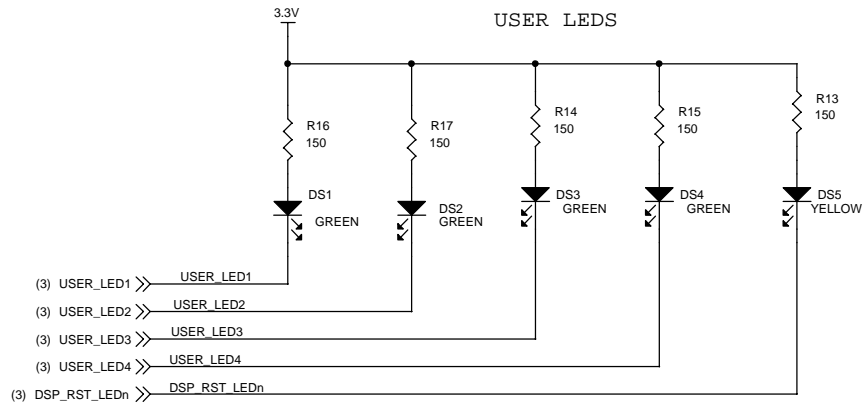
### CONTROL & CPLD

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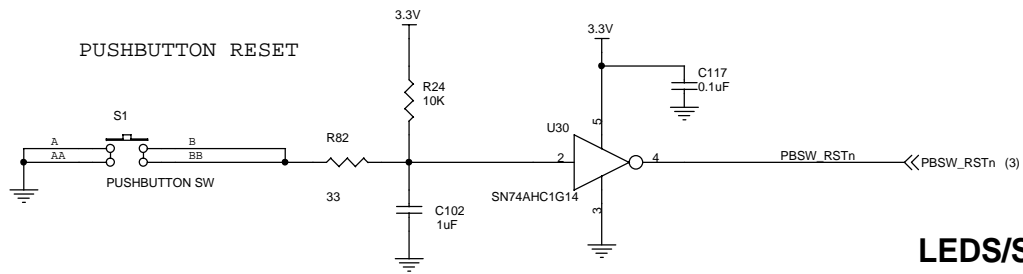
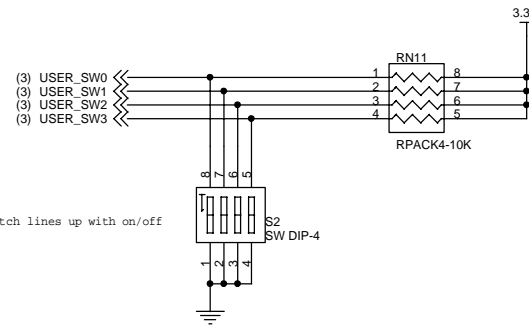


SPI Boot Memory **MEMORY - FLASH/SDRAM**

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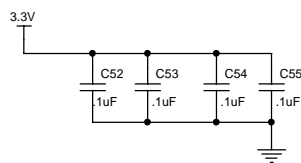
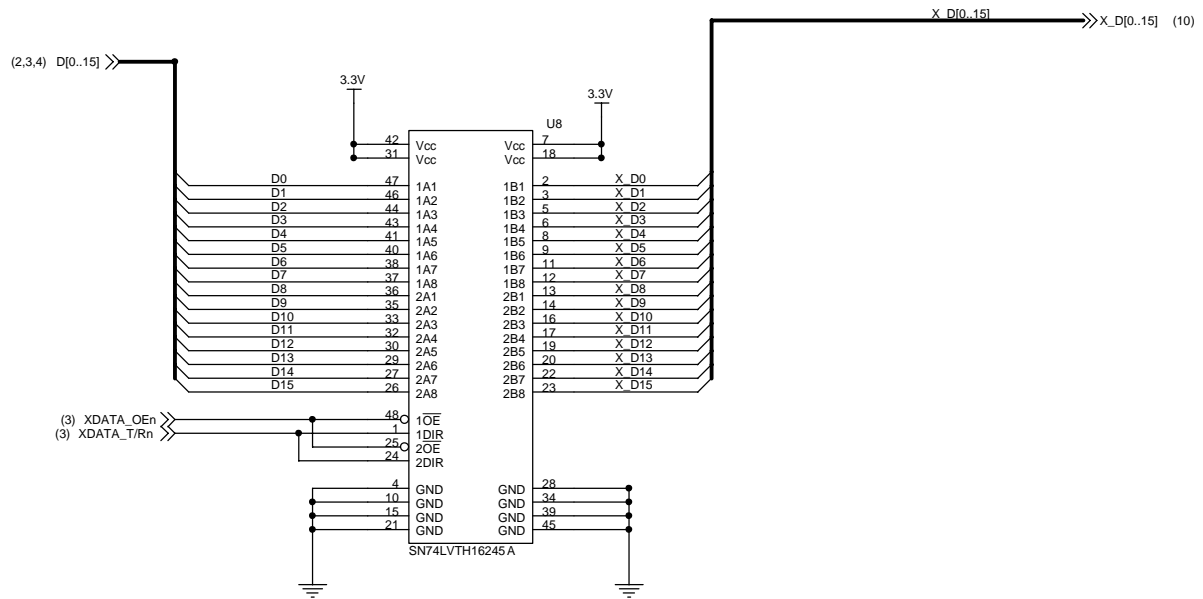
make sure switch lines up with on/off



## LEDS/SWITCHES

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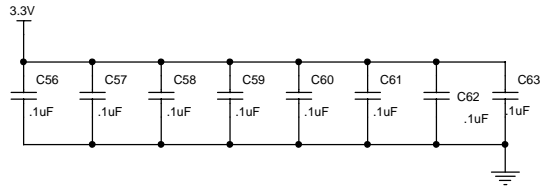
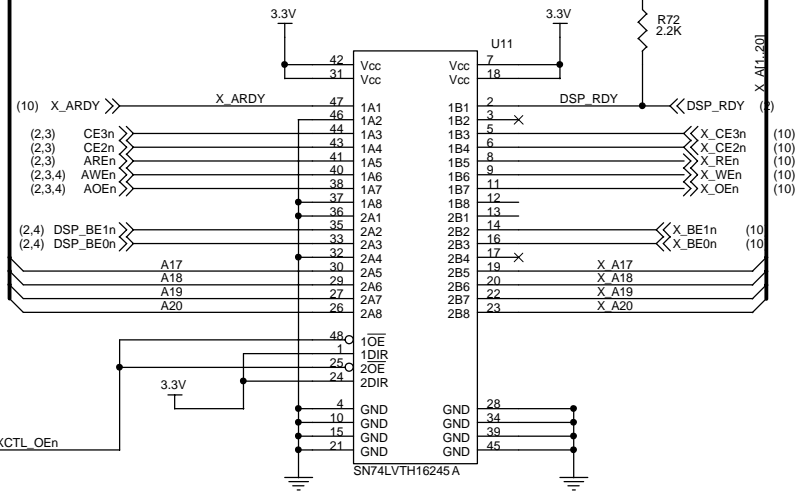
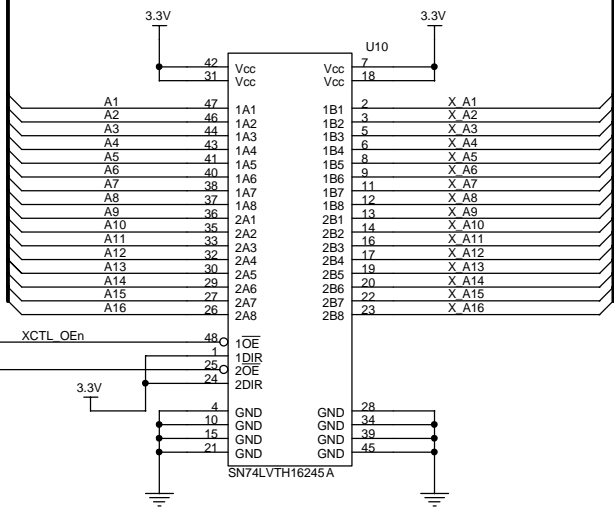
## EXPANSION DATA BUFFERS

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(2,3,4) A[0..20] >>

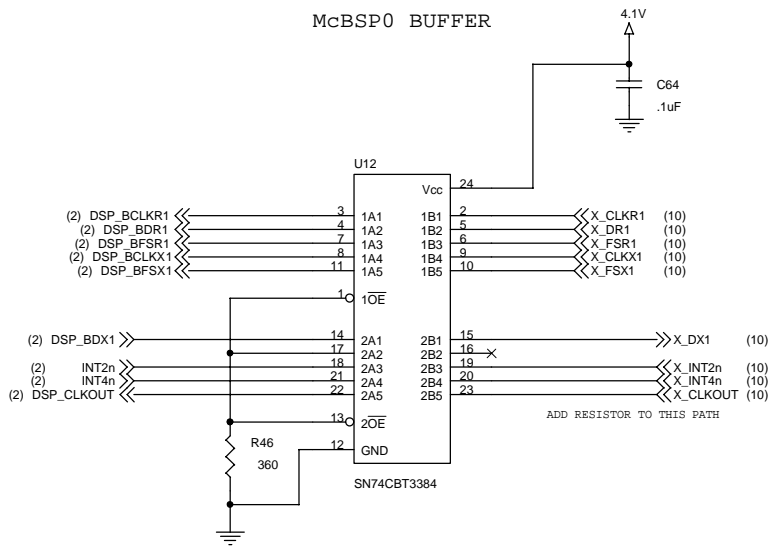
A[0..20]



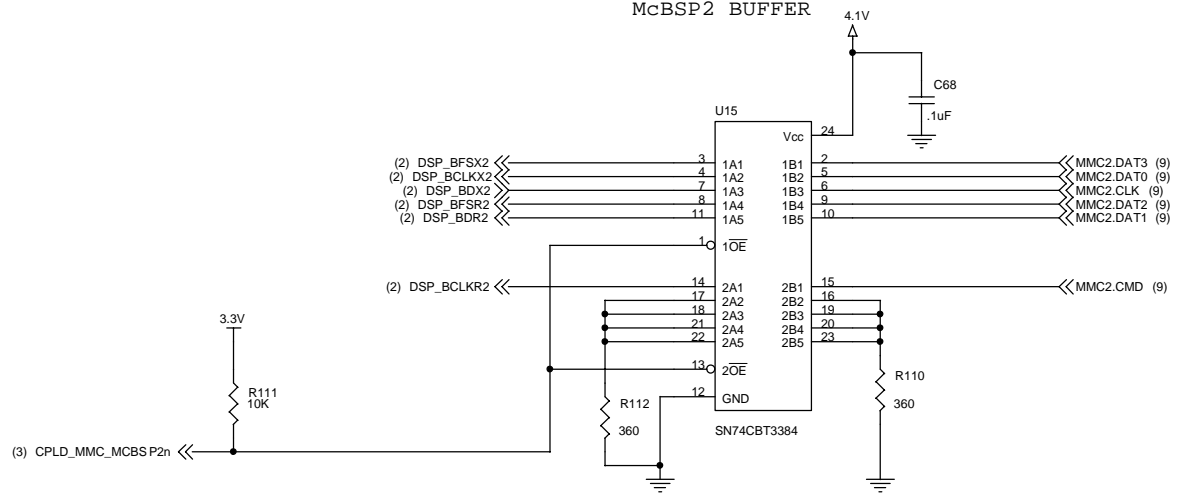
### EXPANSION ADDR, CONTROL BUFFERS

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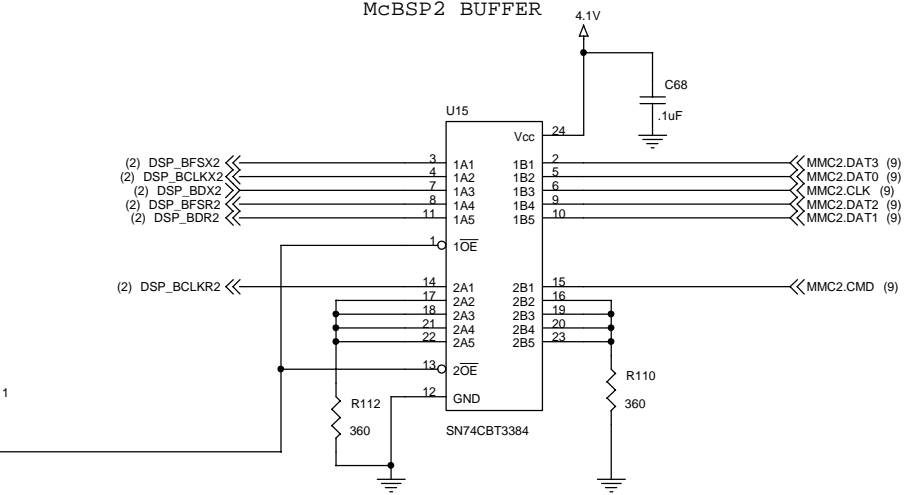
### McBSP0 BUFFER



### McBSP1 BUFFER



### McBSP2 BUFFER



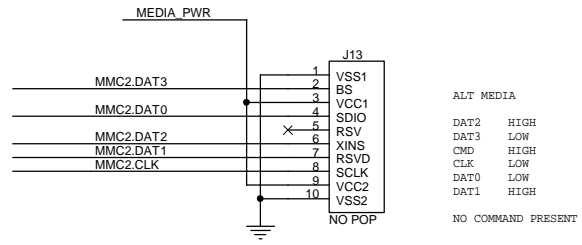
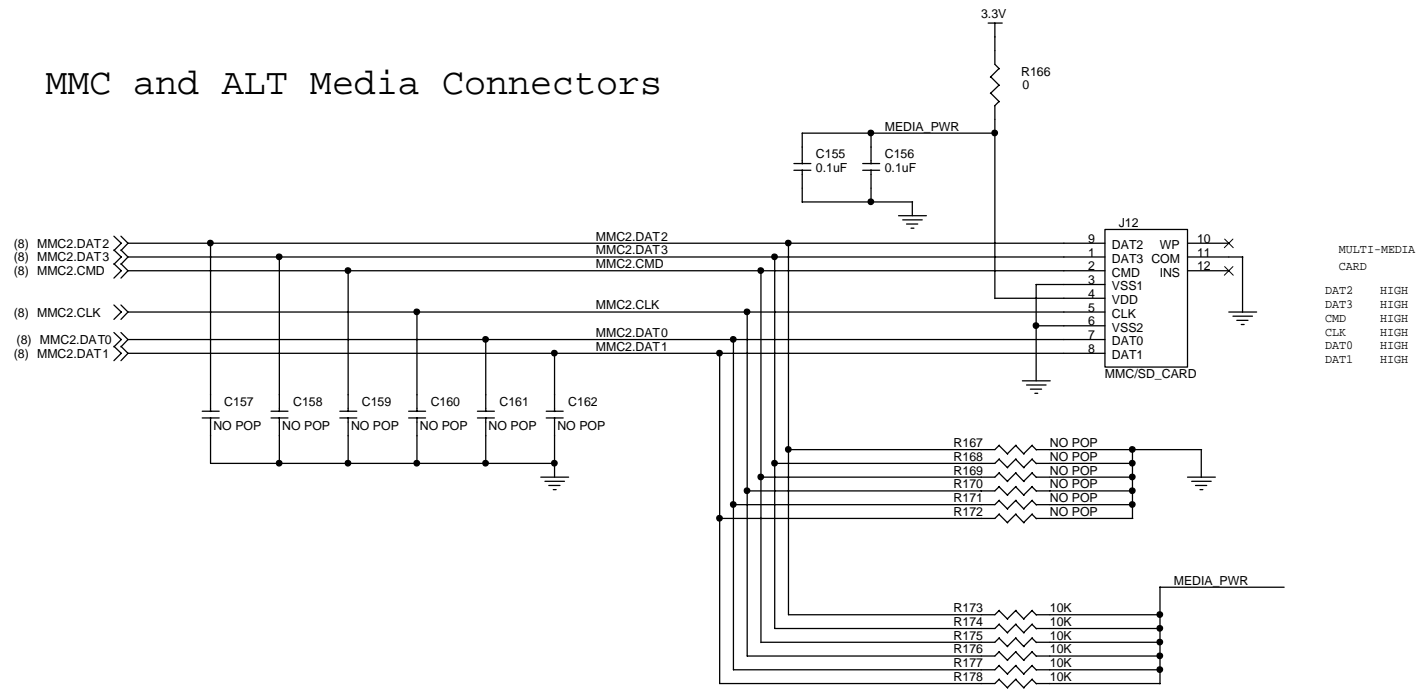
## SERIAL PORT BUFFER

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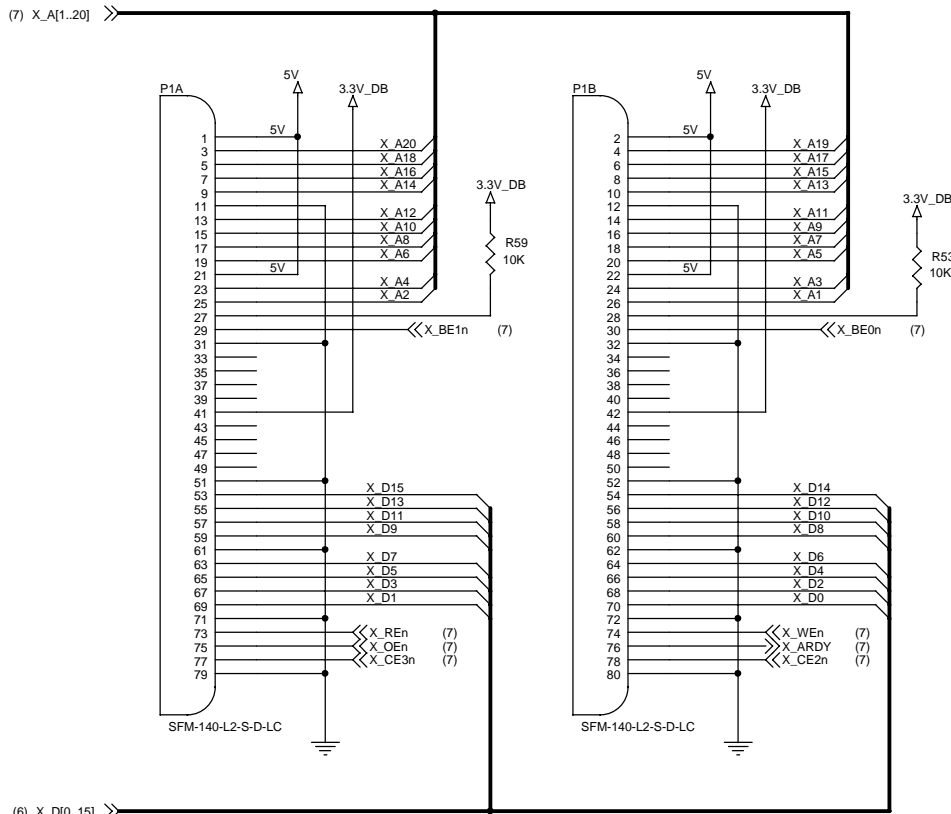


# MMC and ALT Media Connectors



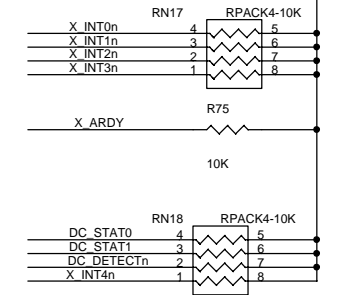
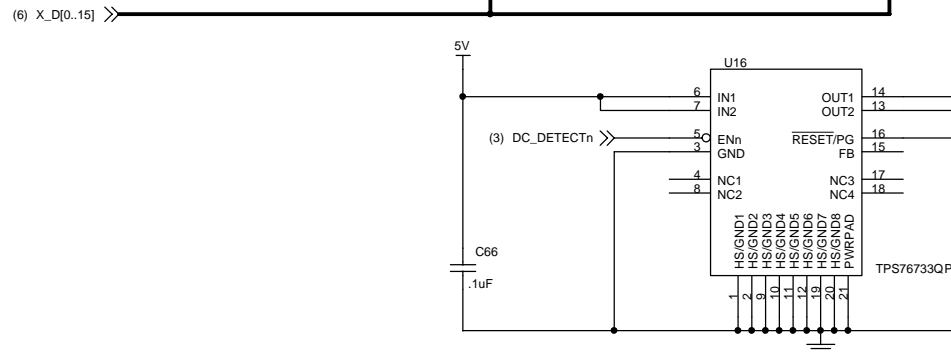
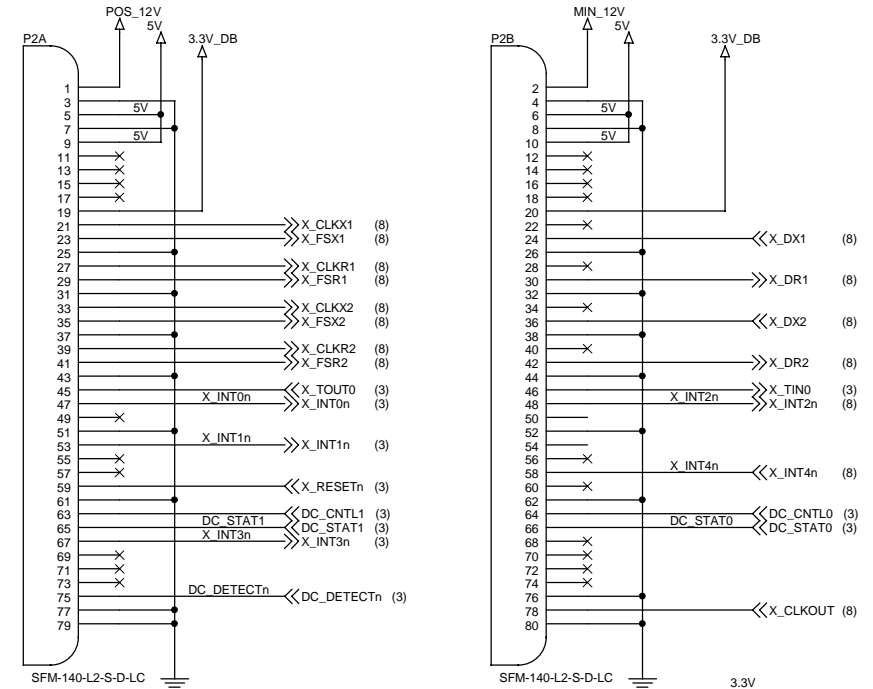
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# MEMORY INTERFACE



# EXPANSION BUS CE2

# PERIPHERAL INTERFACE

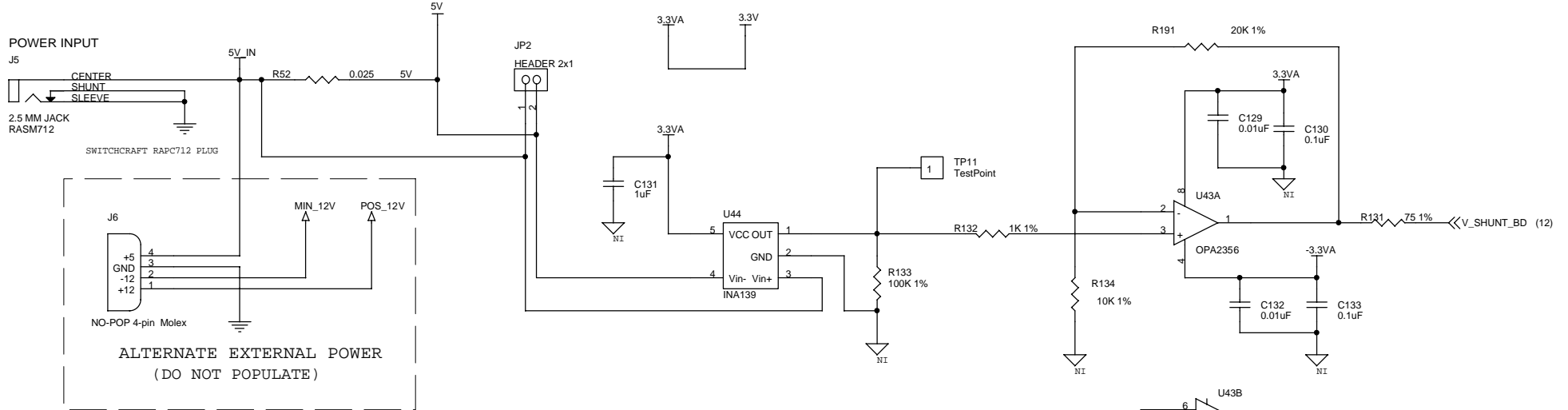


# DB MEMORY/PERIPHERAL INTERFACES

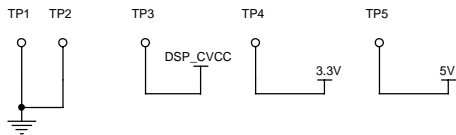
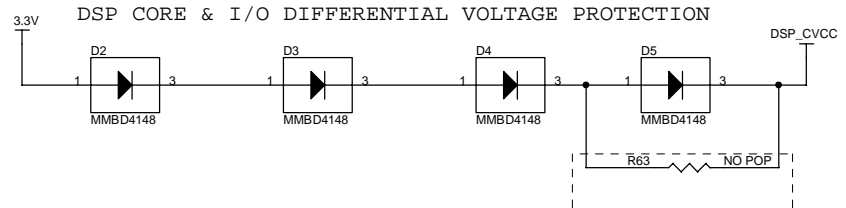
# Spectrum Digital Incorporated

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EXTERNAL POWER PLUG

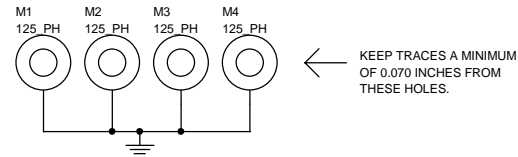


INPUT POWER



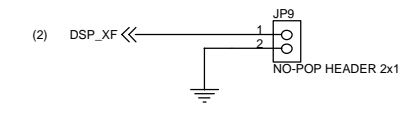
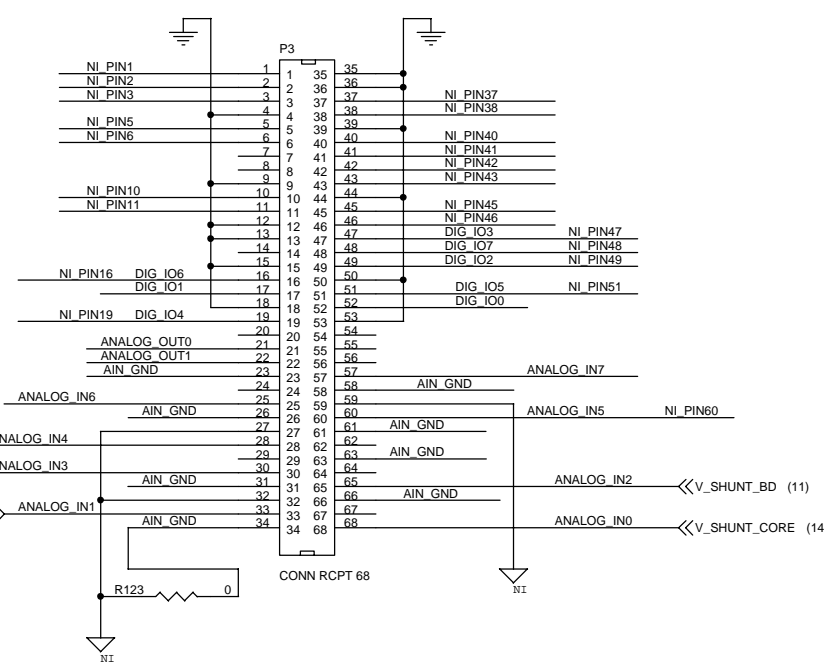
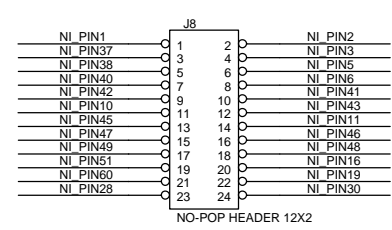
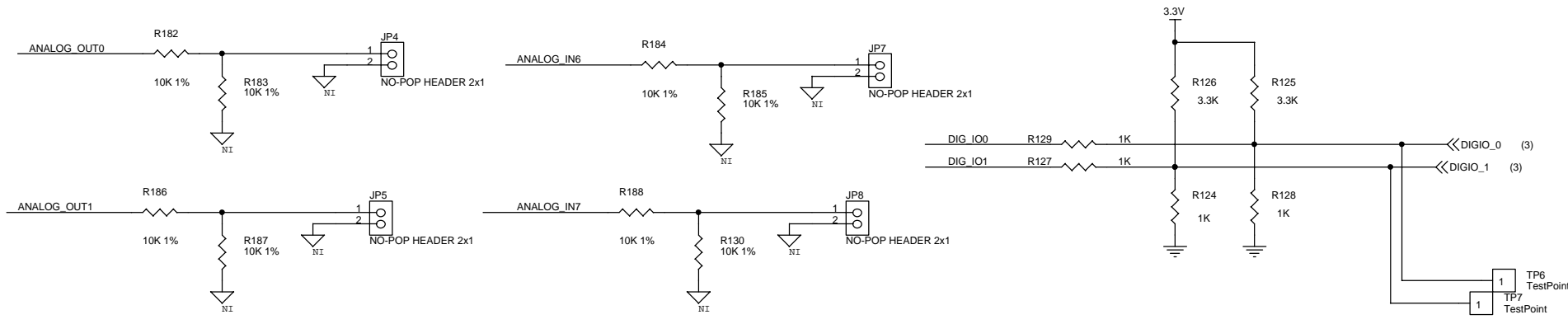
GROUND TEST POINTS

DAUGHTERCARD STANDOFF GROUNDING

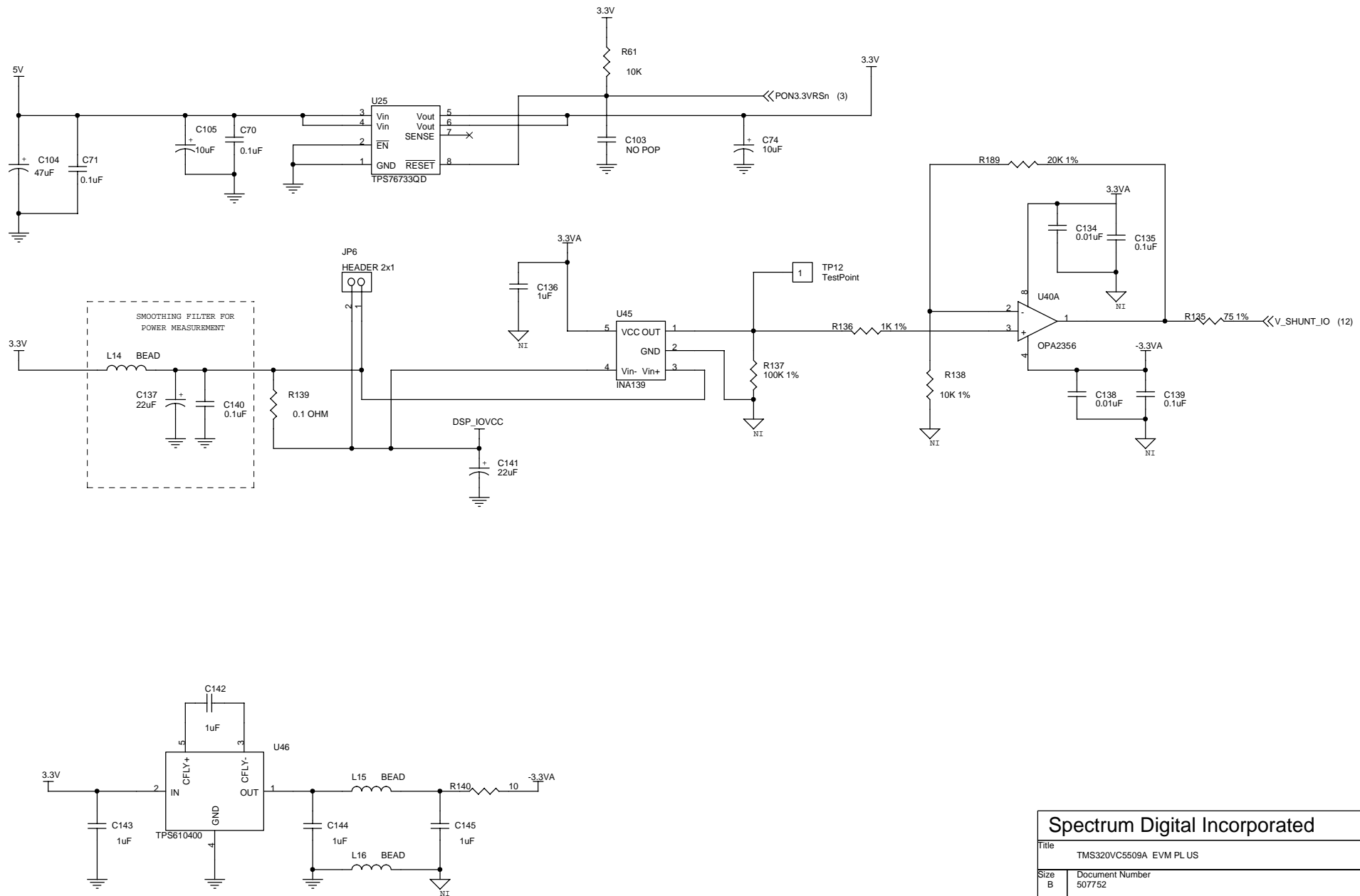


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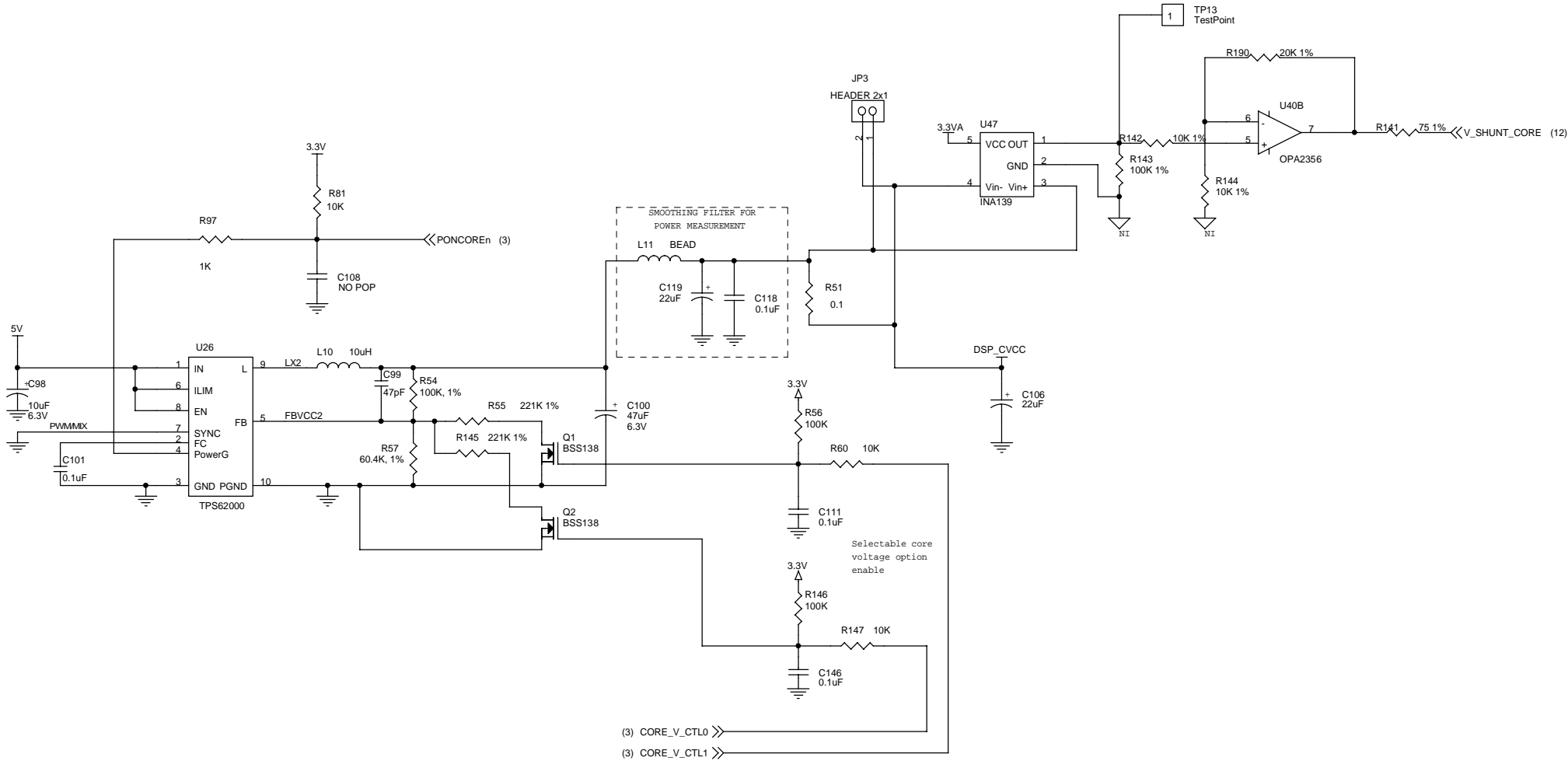
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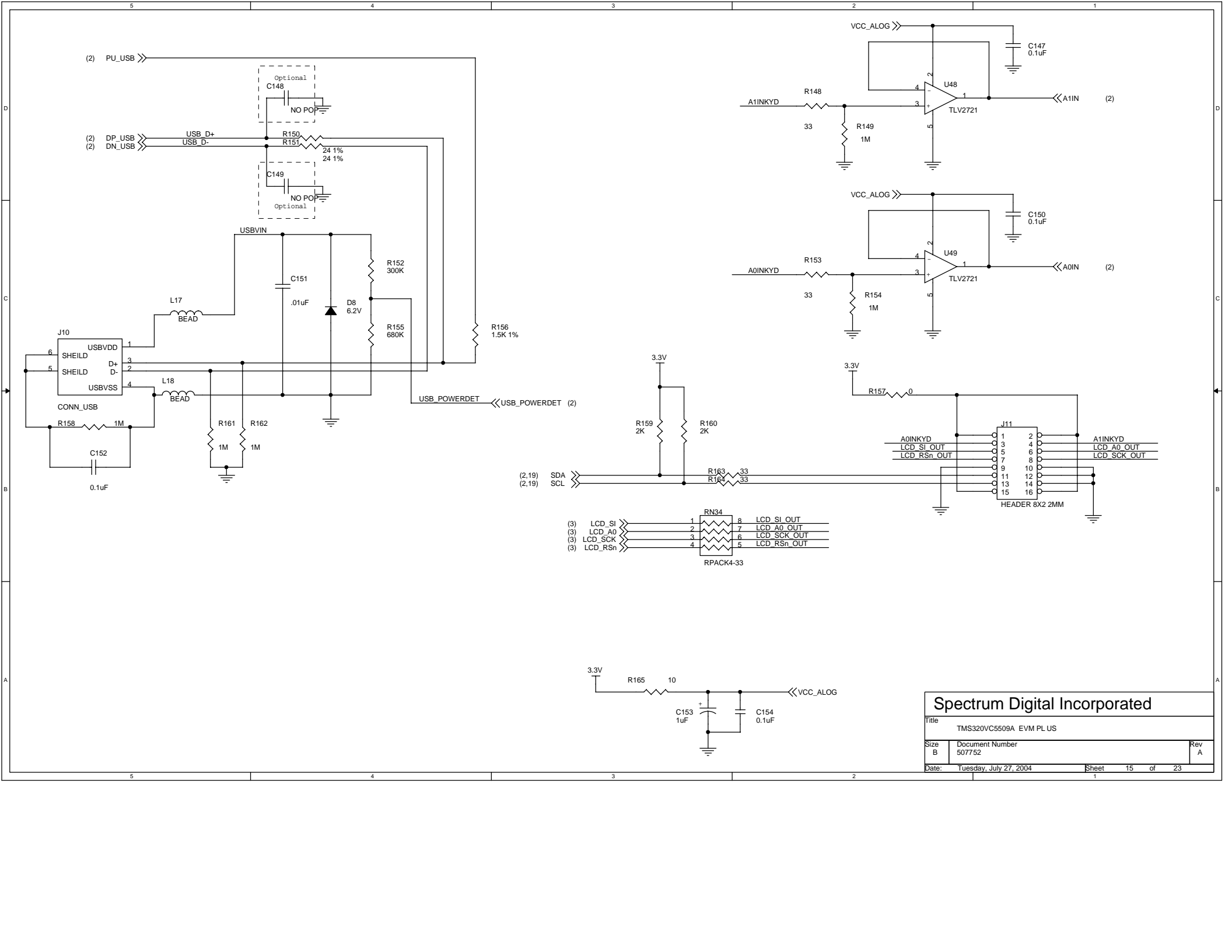
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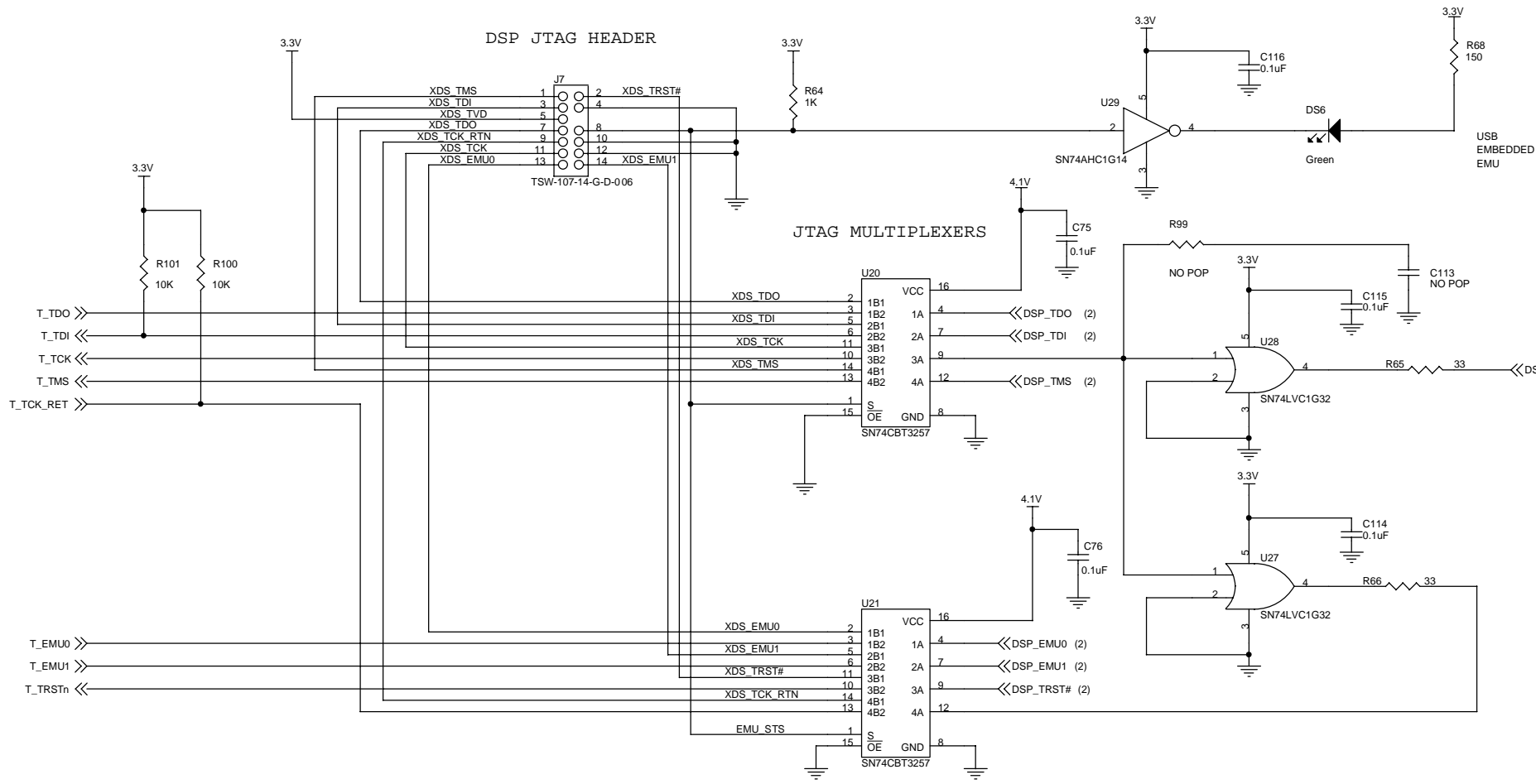


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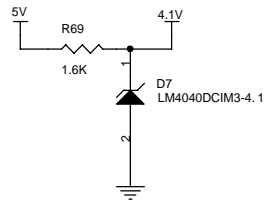


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### DSP JTAG HEADER



### CBT VOLTAGE DIVIDER

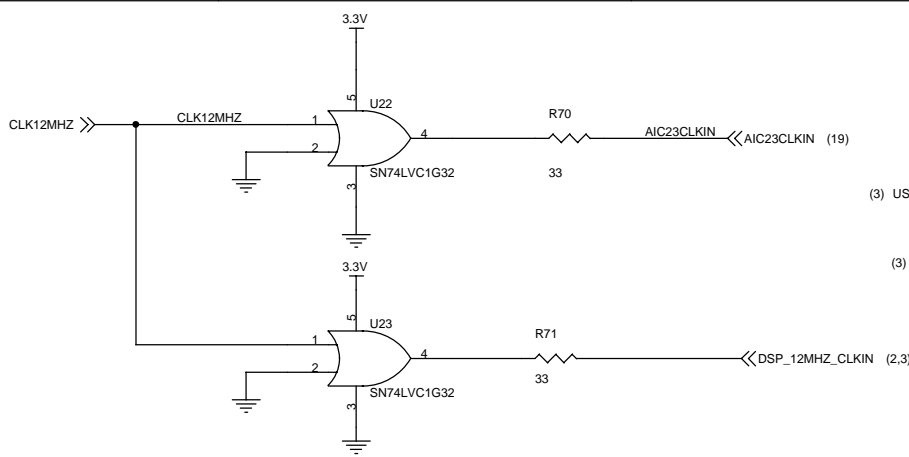


## JTAG INTERFACE

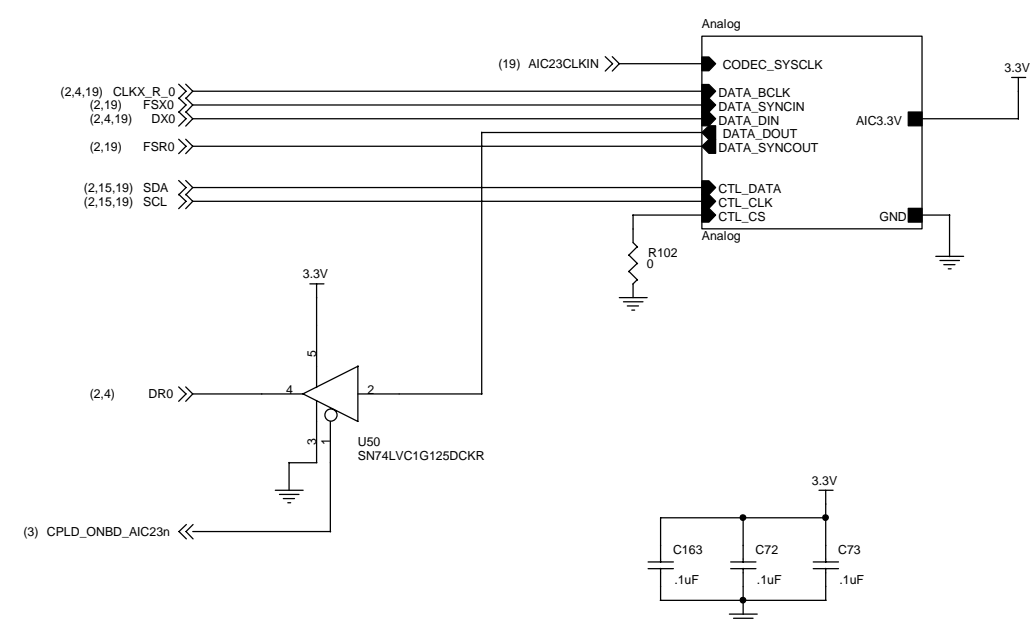
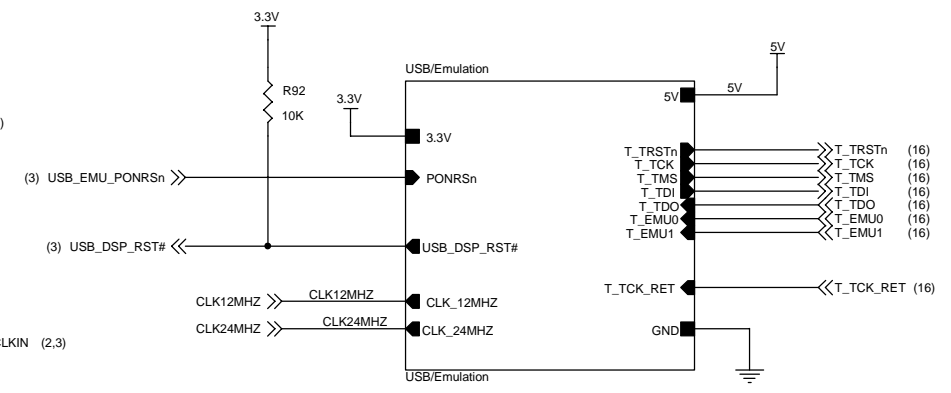
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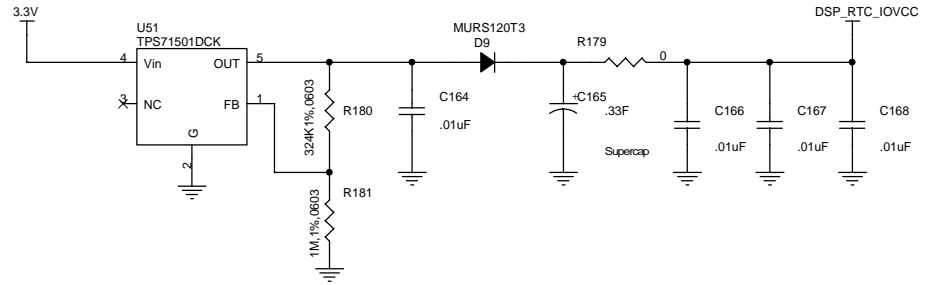
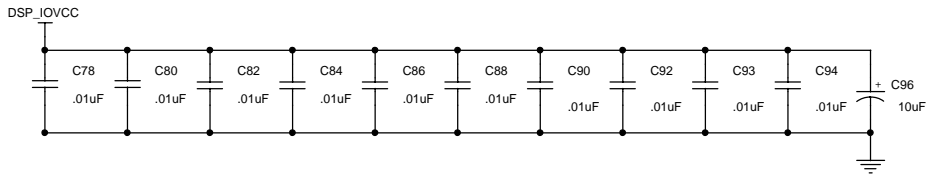
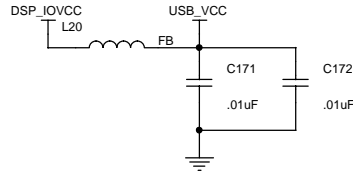
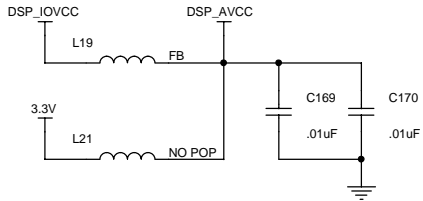
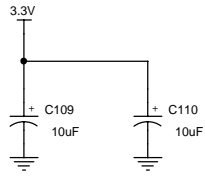
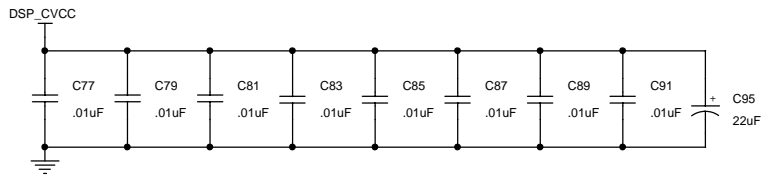


THESE GATES NEED TO BE PLACED CLOSE TO USB CLOCK SOURCE



## Hierarchical Blocks

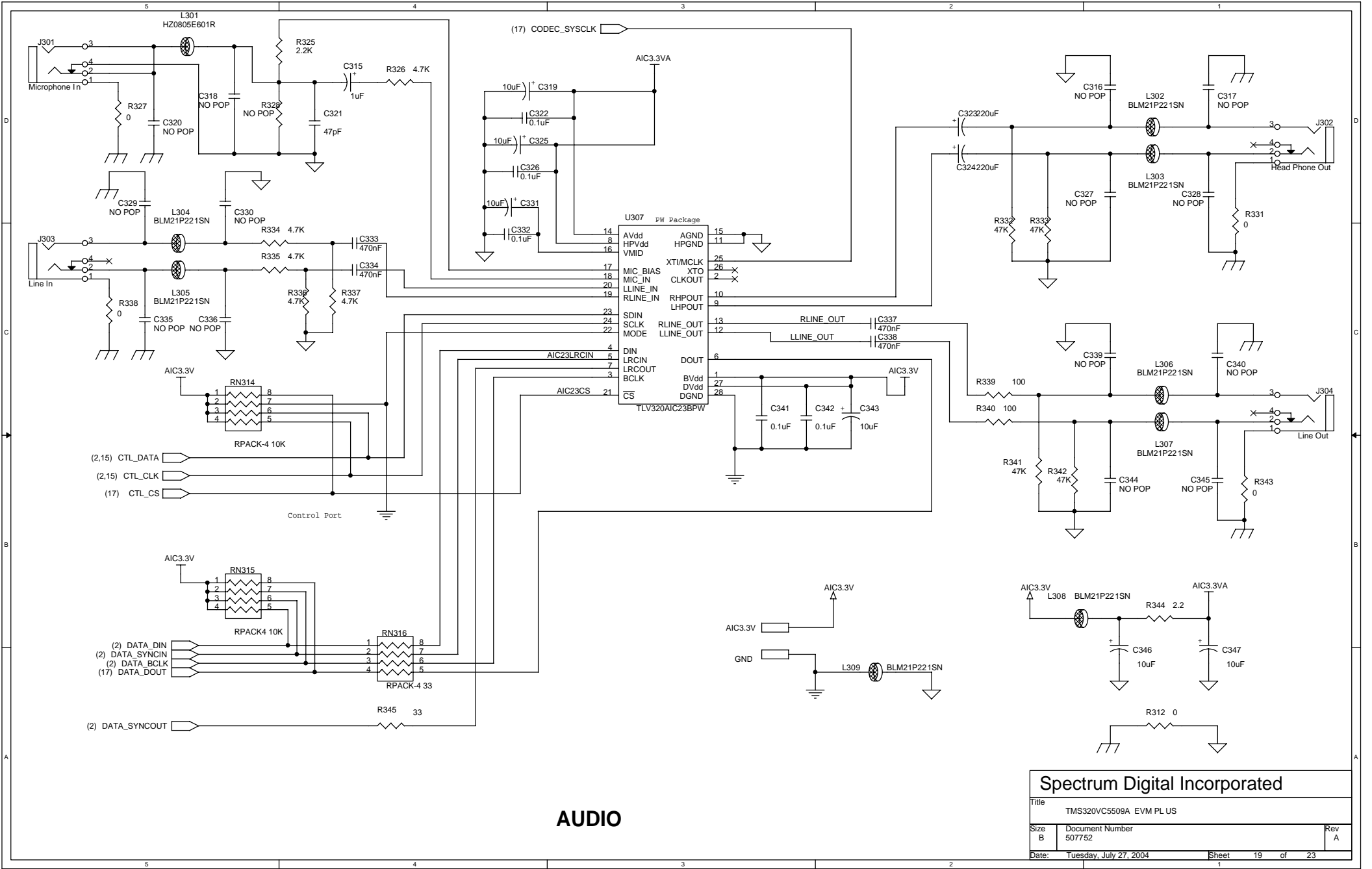
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## DECOUPLING CAPS

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# AUDIO

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