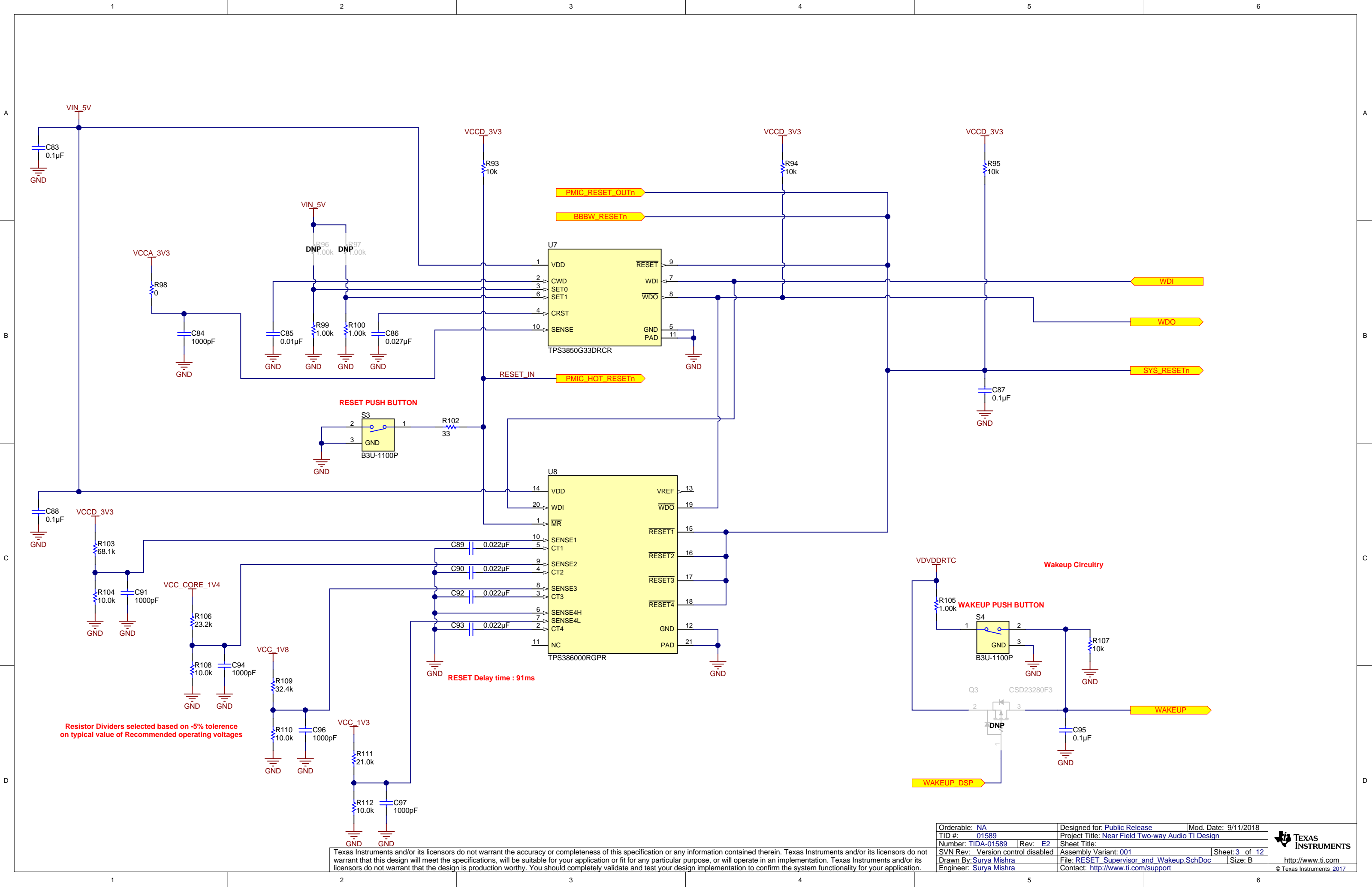


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Orderable: NA	Designed for: Public Release	Mod. Date: 10/16/2018
TID #: 01589	Project Title: Near Field Two-way Audio TI Design	
Number: TIDA-01589	Rev: E2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 12
Drawn By: Surya Mishra	File: TPS65023_PMIC.SchDoc	Size: B
Engineer: Surya Mishra	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



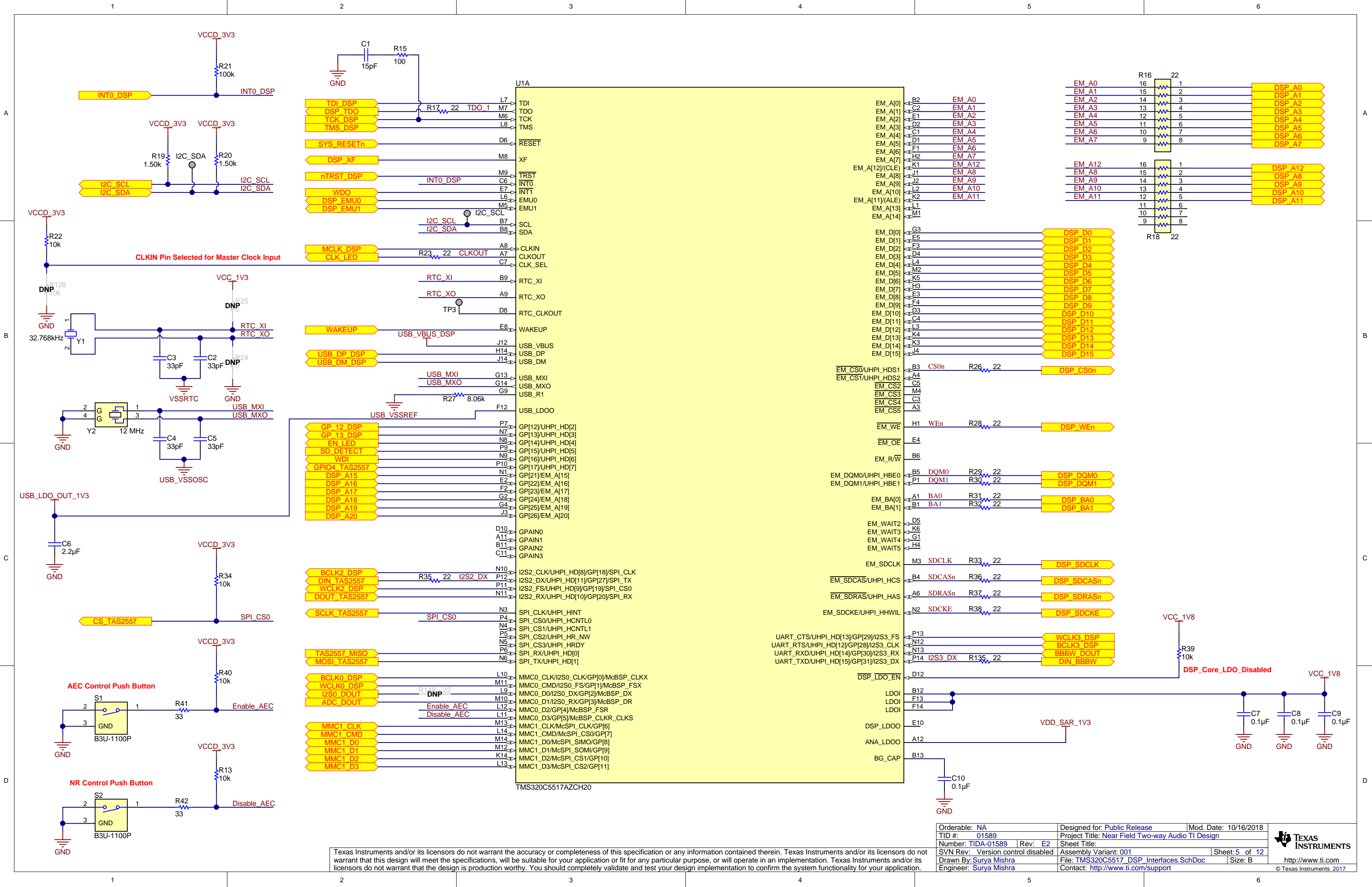
Resistor Dividers selected based on -5% tolerance on typical value of Recommended operating voltages

RESET Delay time : 91ms

Wakeup Circuitry

Orderable: NA	Designed for: Public Release	Mod. Date: 9/11/2018
TID #: 01589	Project Title: Near Field Two-way Audio TI Design	
Number: TIDA-01589	Rev: E2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 12
Drawn By: Surya Mishra	File: RESET_Supervisor_and_Wakeup.SchDoc	Size: B
Engineer: Surya Mishra	Contact: http://www.ti.com/support	





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A

B

C

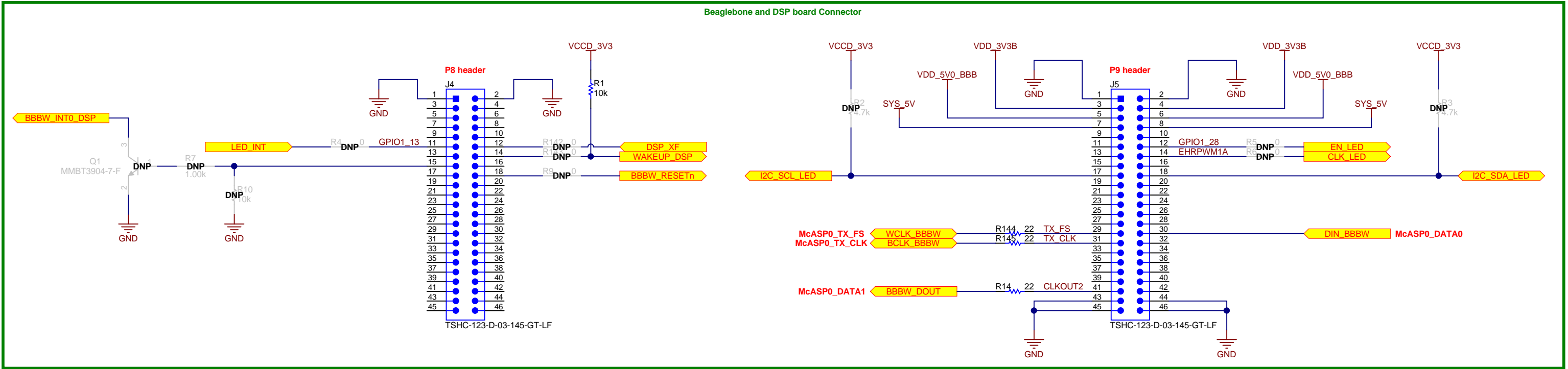
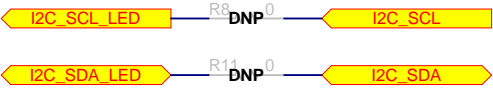
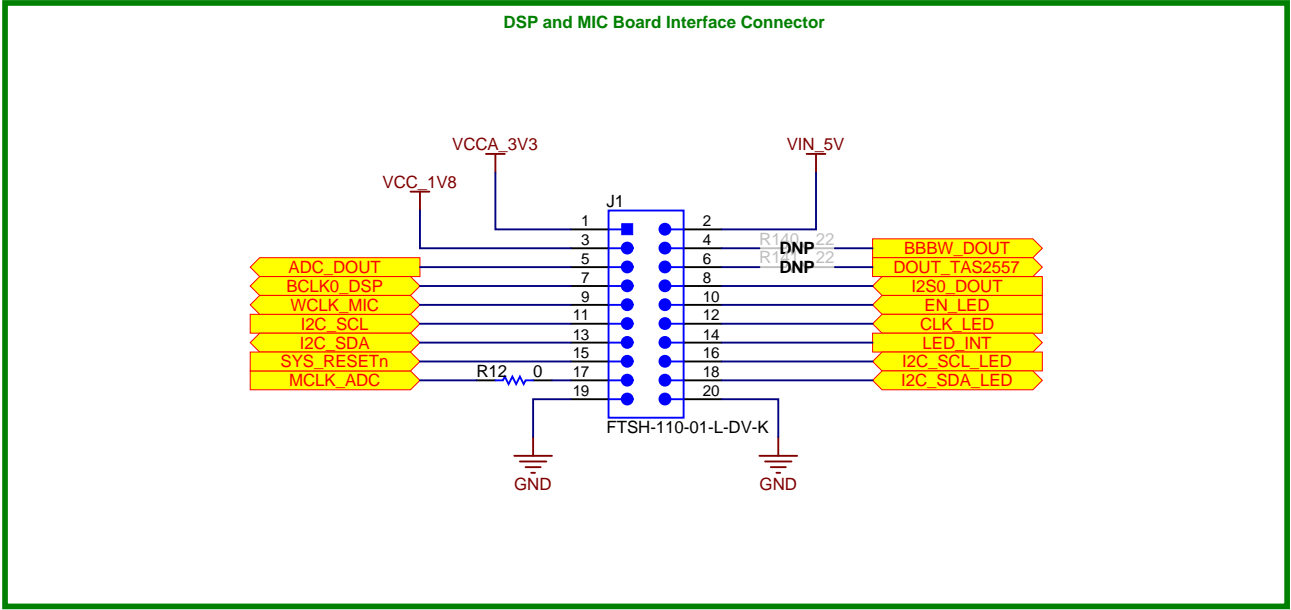
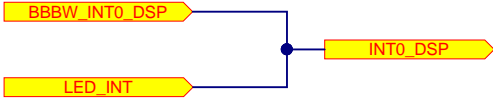
D

A

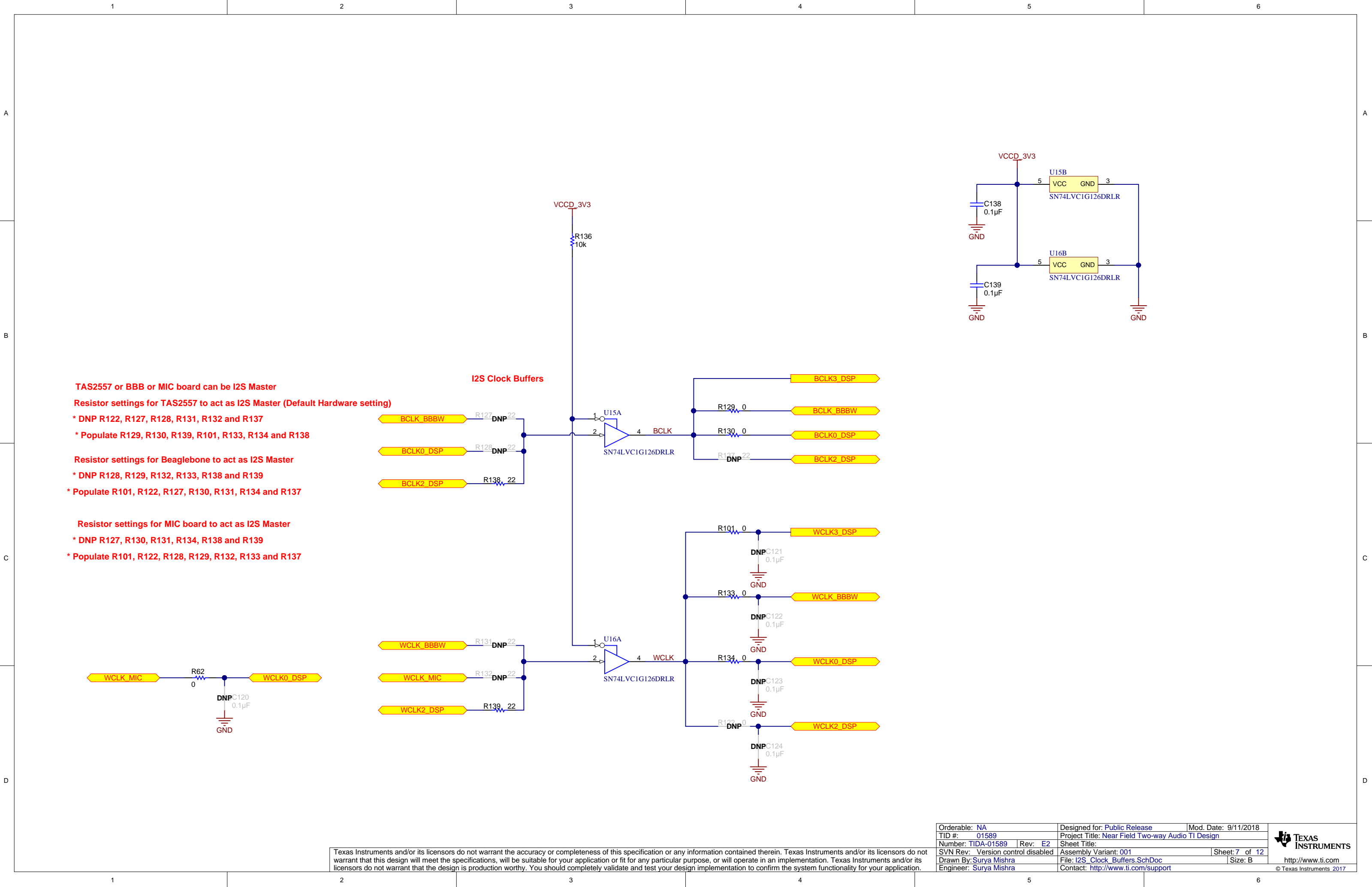
B

C

D

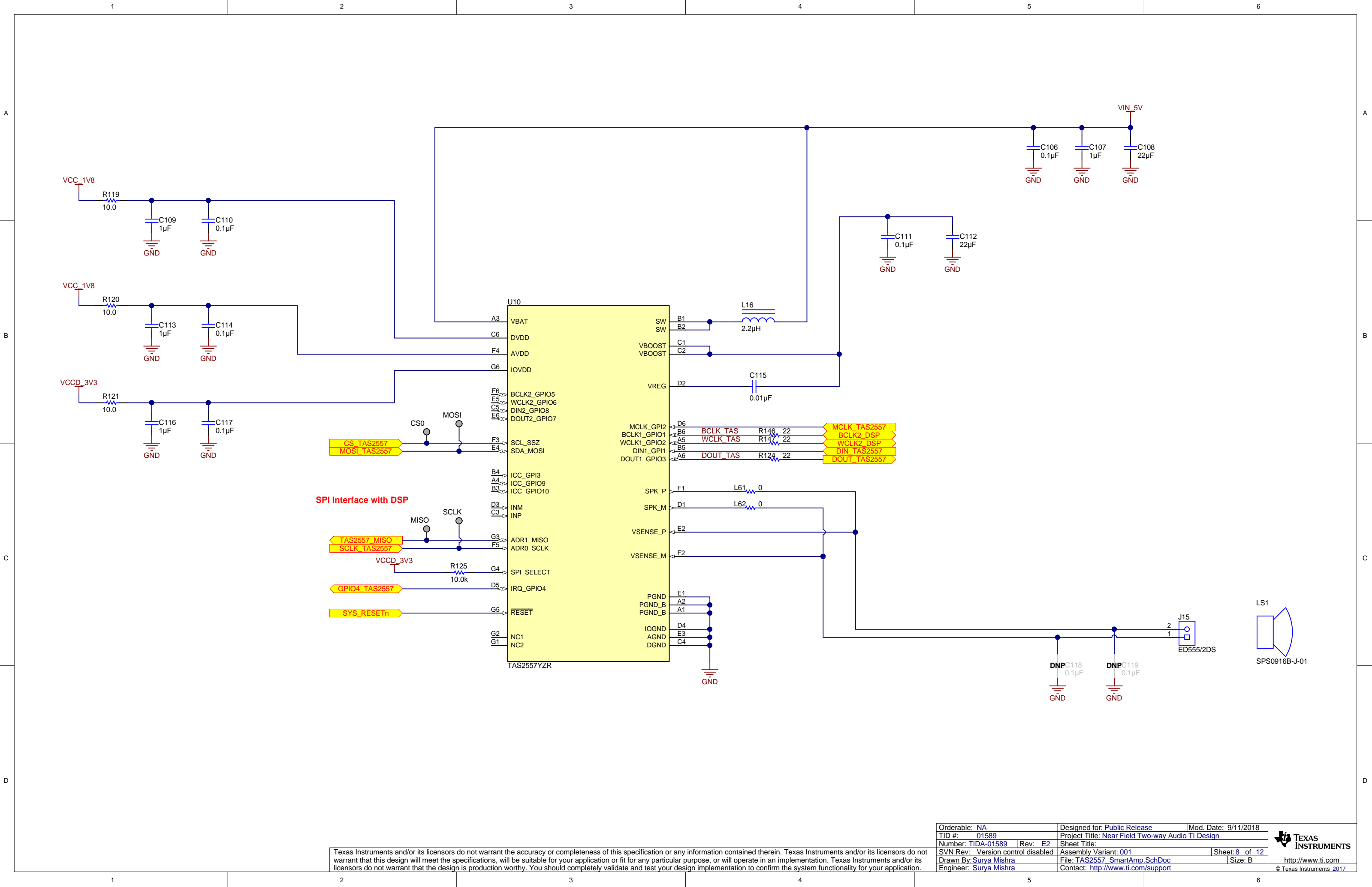






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TID #: 01589	Project Title: Near Field Two-way Audio TI Design	
Number: TIDA-01589	Rev: E2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 7 of 12
Drawn By: Surya Mishra	File: I2S_Clock_Buffers.SchDoc	Size: B
Engineer: Surya Mishra	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

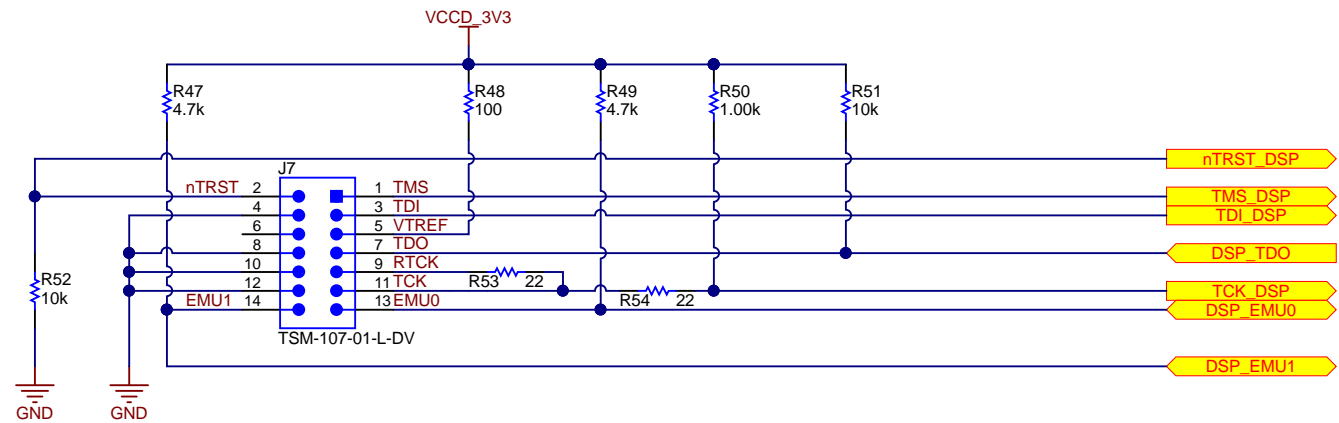




A

A

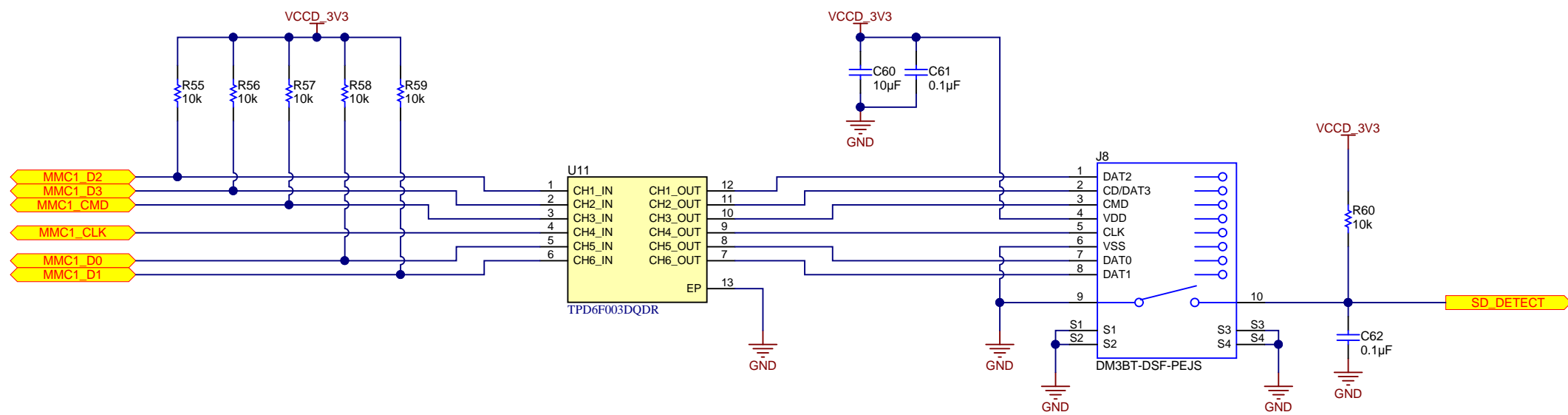
XDS560 EMULATOR INTERFACE



B

B

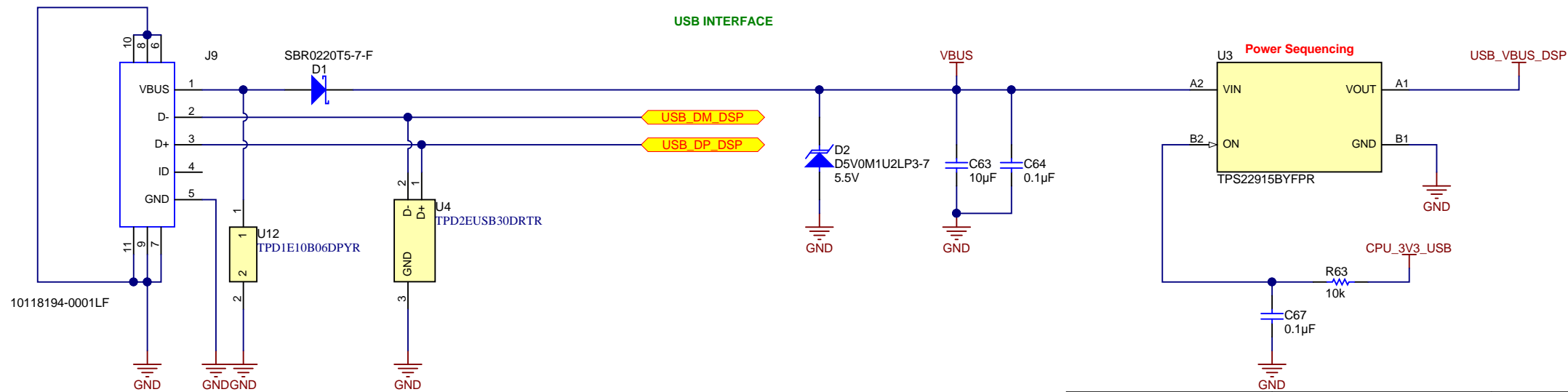
MICROSD INTERFACE



C

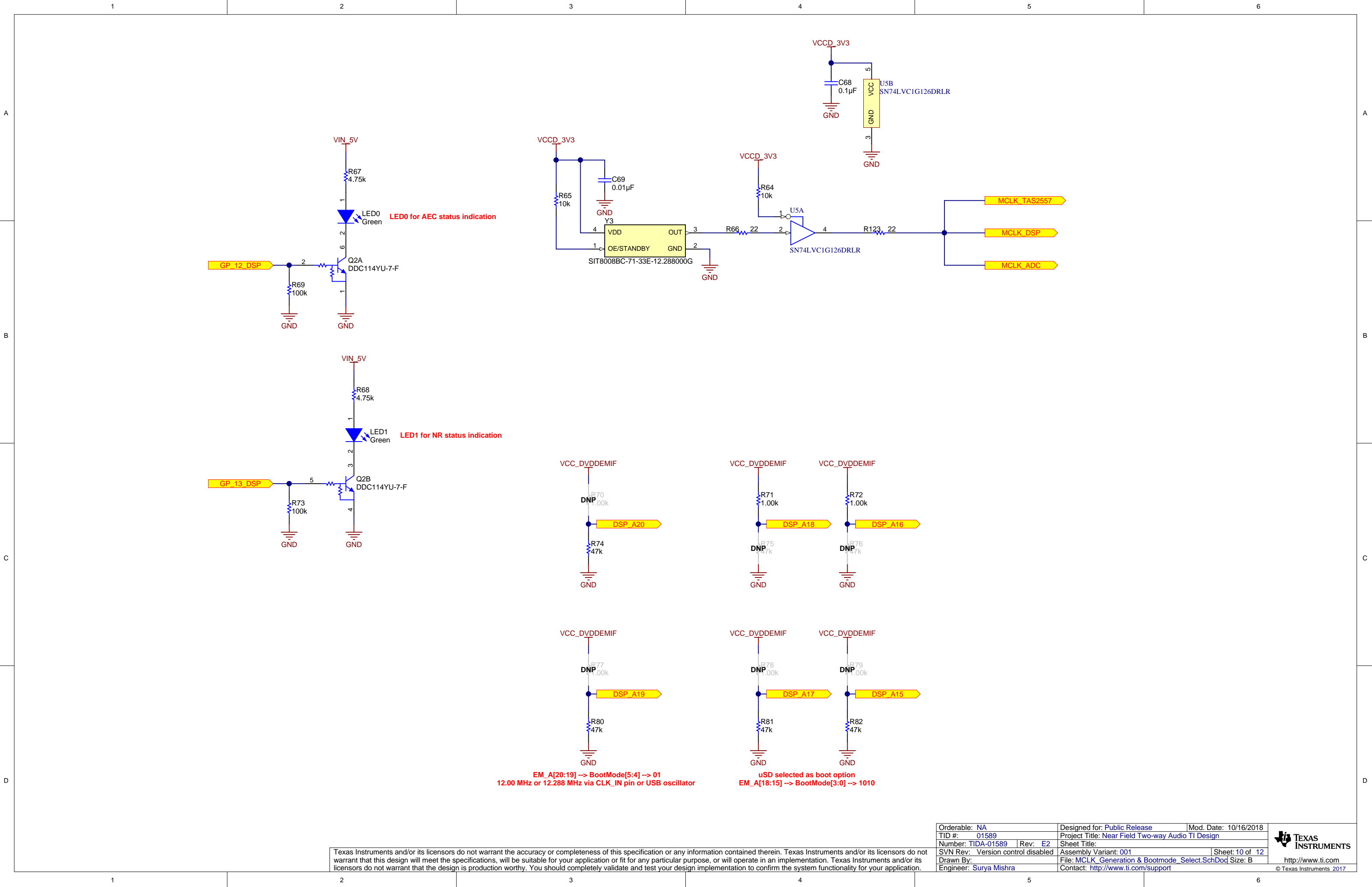
C

USB INTERFACE



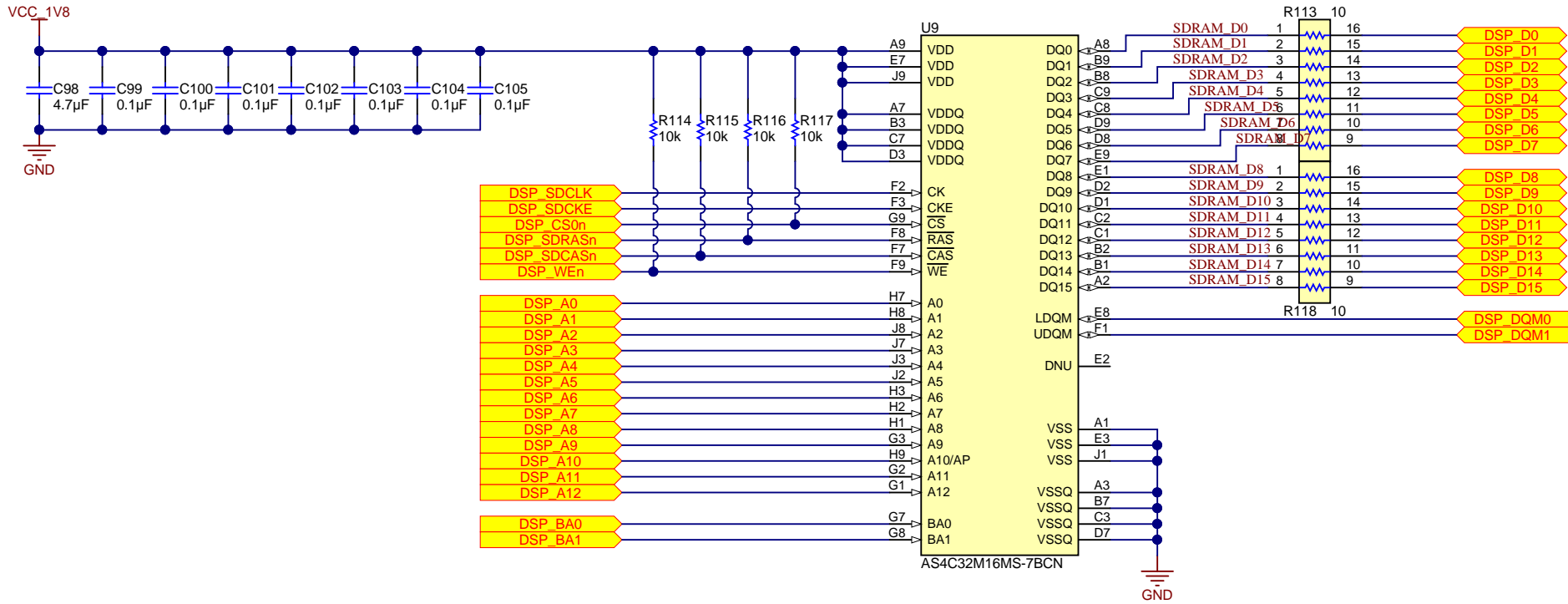
D

D



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Orderable: NA	Designed for: Public Release	Mod. Date: 10/16/2018
TID #: 01589	Project Title: Near Field Two-way Audio TI Design	
Number: TIDA-01589	Rev: E2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 10 of 12
Drawn By:	File: MCLK_Generation & Bootmode_Select.SchDoc	Size: B
Engineer: Surya Mishra	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



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TID #: 01589	Project Title: Near Field Two-way Audio TI Design	
Number: TIDA-01589	Rev: E2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 11 of 12
Drawn By: Surya Mishra	File: SDRAM.SchDoc	Size: B
Engineer: Surya Mishra	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

PCB Number: TIDA-01589  
PCB Rev: E2

Logo1  
PCB  
LOGO  
WEEE logo

PCB  
LOGO  
FCC disclaimer

PCB  
LOGO  
Logo4

You should delete the nylon screws/standoffs and/or the bumpers as needed for your design (or substitute other parts from Hardware.IntLib). Bumpers are cheaper, but provide less clearance.

Deleting anything else from this page may result in your EVM submission being rejected (until you add them back).

Update the Label Text in the Label Table as needed for each Assembly Variant.

You should delete this note too.

LBL1

PCB Label

Size: 0.65" x 0.20 "

ZZ1

Label Assembly Note

This Assembly Note is for PCB labels only

[illegible]

ZZ2

Assembly Note

These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3

### Assembly Note

These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4

### Assembly Note

These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

Orderable: <a href="#">NA</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 10/16/2018	
TID #: <a href="#">01589</a>	Project Title: <a href="#">Near Field Two-way Audio TI Design</a>		
Number: <a href="#">TIDA-01589</a>   Rev: <a href="#">E2</a>	Sheet Title:		
SVN Rev: Version control disabled	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">12</a> of <a href="#">12</a>	
Drawn By: <a href="#">Surya Mishra</a>	File: <a href="#">DSP Board_EVM_Hardware_SchDoc</a>	Size: B	
Engineer: <a href="#">Surya Mishra</a>	Contact: <a href="#">http://www.ti.com/support</a>	<a href="#">http://www.ti.com</a> © Texas Instruments 2017	

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