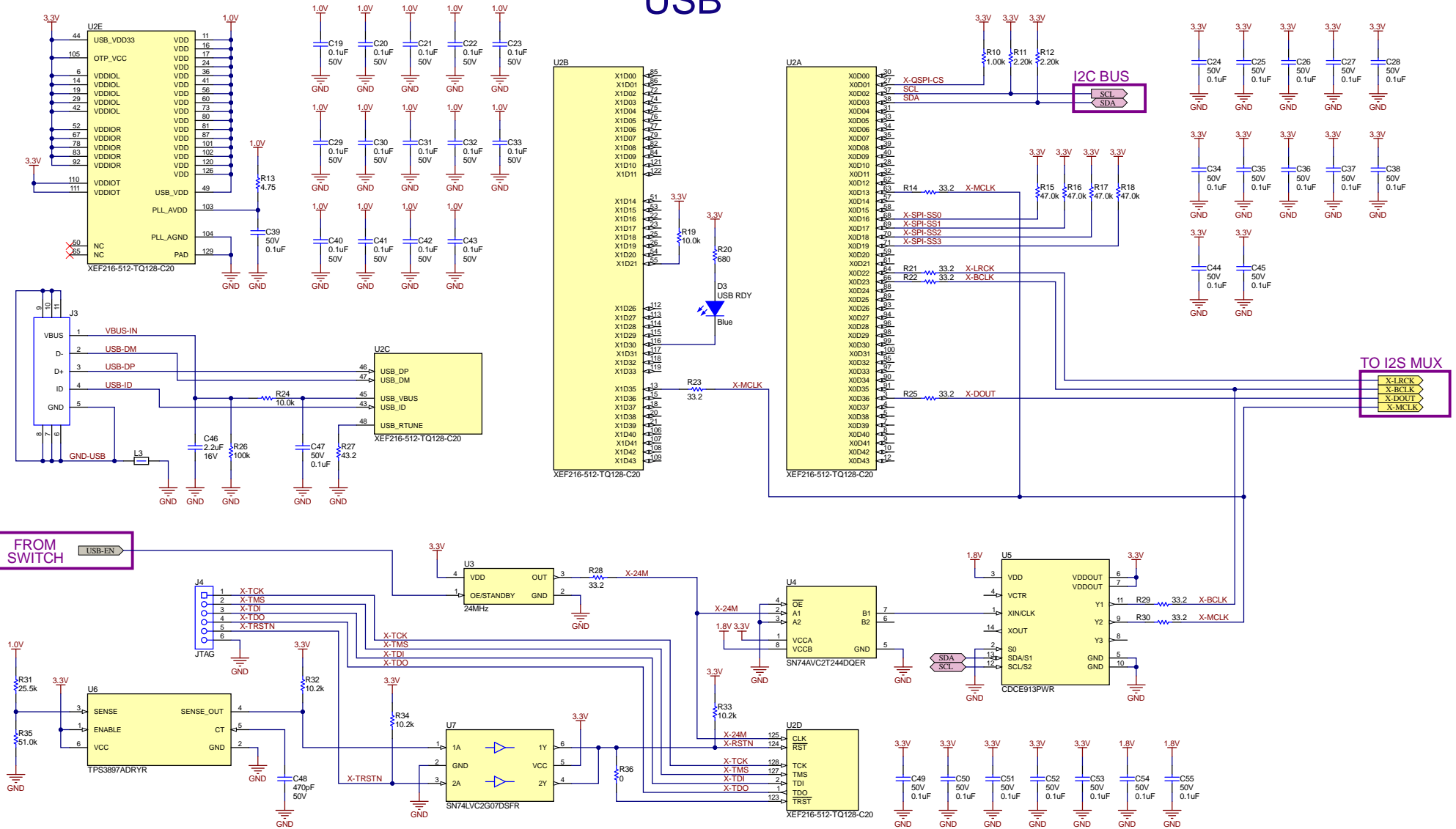



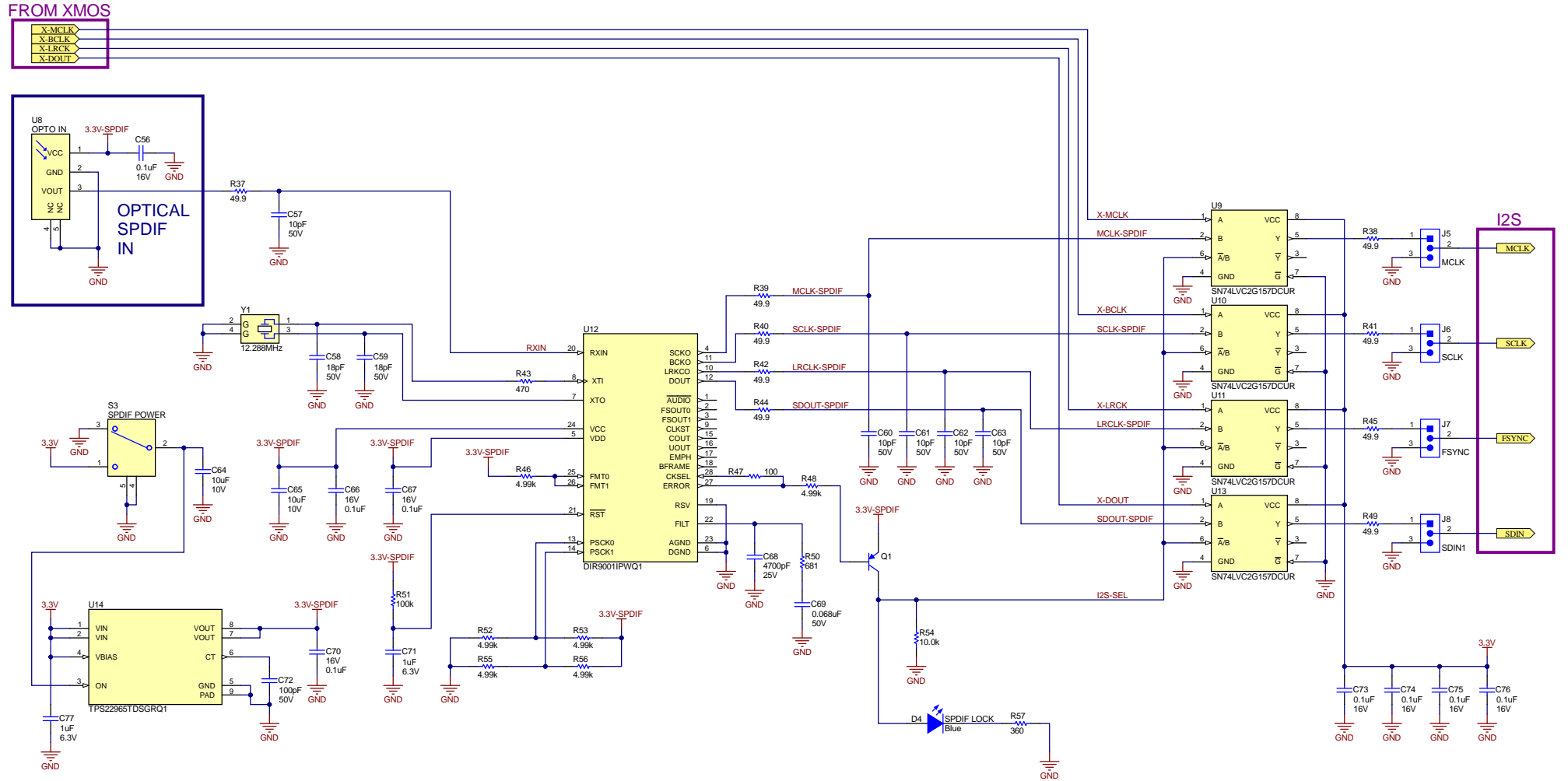
## USB



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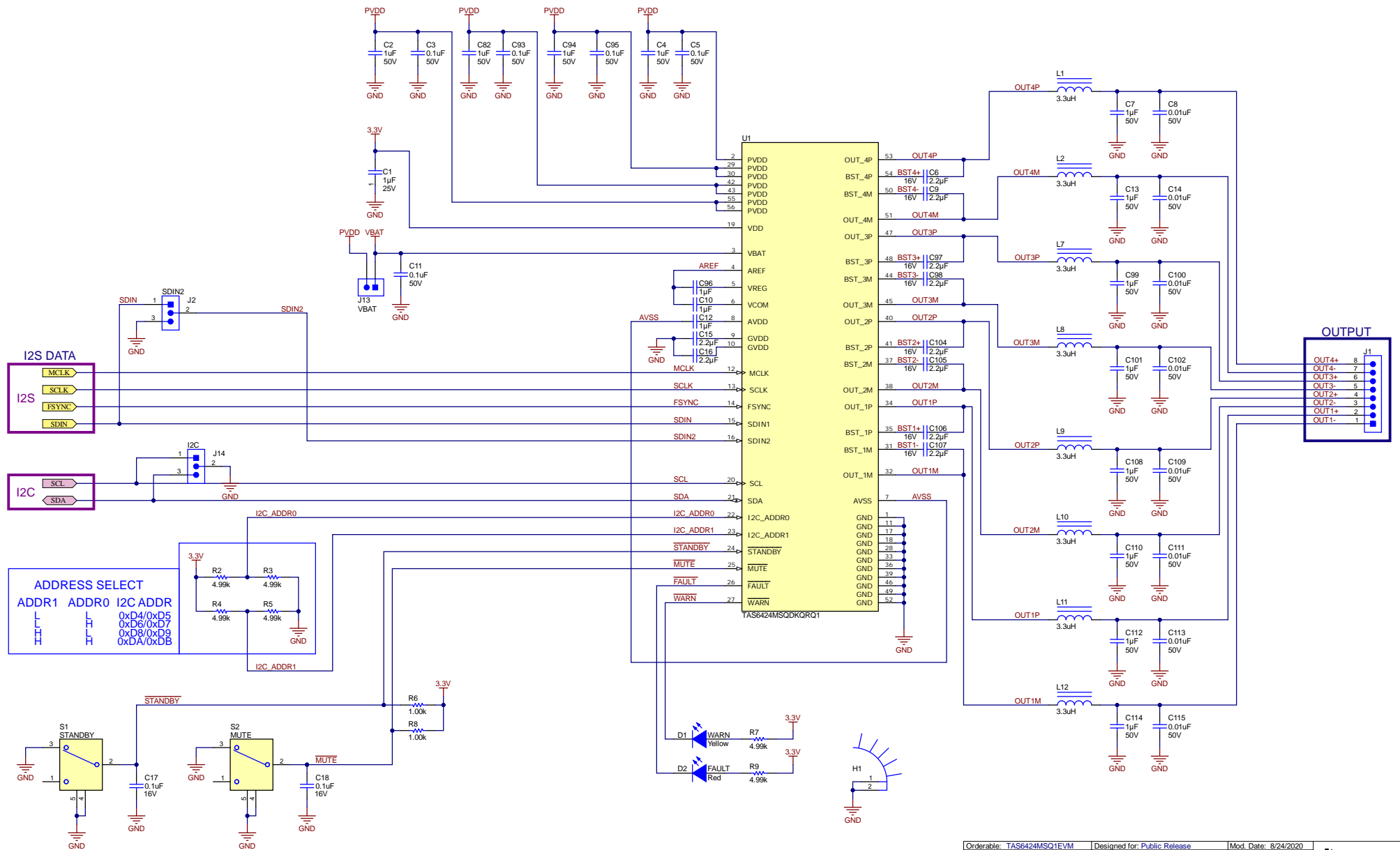
Orderable: <b>TAS6424MSQ1EVM</b>		Designed for: <b>Public Release</b>		Mod. Date: 8/24/2020		 <b>TEXAS INSTRUMENTS</b> <a href="http://www.ti.com">http://www.ti.com</a> © Texas Instruments 2020
TID #:		N/A		Project Title: <b>TAS6424MSQ1EVM</b>		
Number: <b>AMPS116</b>		Rev: <b>A</b>		Sheet Title: <b>USB I/O</b>		
SVN Rev: Not in version control		Assembly Variation: <b>[No Variations]</b>			Sheet: <b>2</b> of <b>6</b>	
Drawn By: <b>GJS</b>		File: <b>AMPS116A_USB_SchDoc</b>			Size: <b>B</b>	
Engineer: <b>GREGG SCOTT</b>		Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>				

# SPDIF



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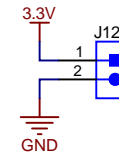
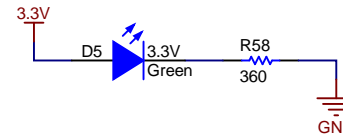
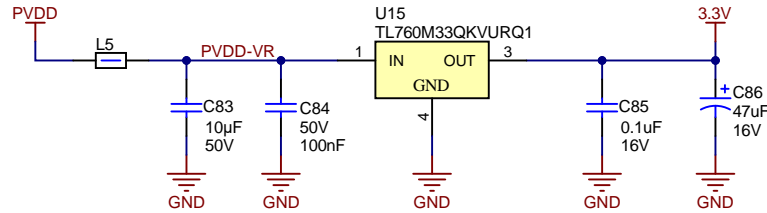
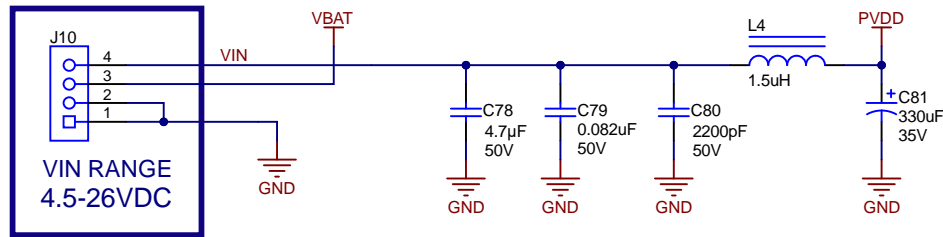
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TID #: N/A	Project Title: TAS6424MSQ1EVM	
Number: AMPS116	Rev: A	Sheet Title: SPDIF I/O
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 3 of 6
Drawn By: GJS	File: AMPS116A_SPDIF.SchDoc	Size: B
Engineer: GREGG SCOTT	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



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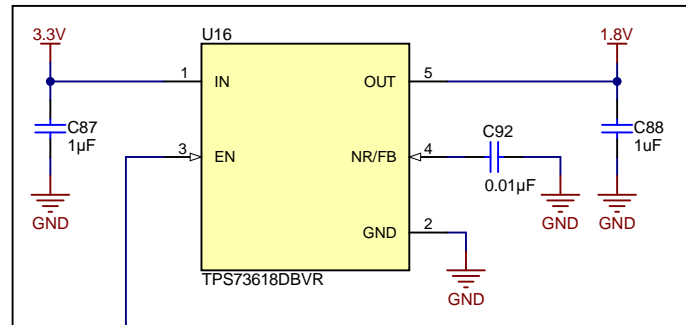
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TID #: N/A	Project Title: TAS6424MSQ1EVM	
Number: AMP5116	Rev: A	Sheet Title: TAS6424MSQ1EVM
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 4 of 6
Drawn By: GJS	File: AMP5116A, TAS6424-IO_SchDoc	Size: B
Engineer: GREGG SCOTT	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

# Power Supplies



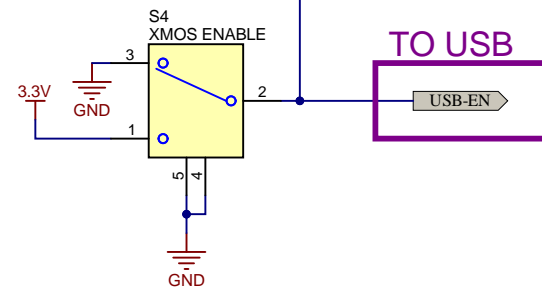
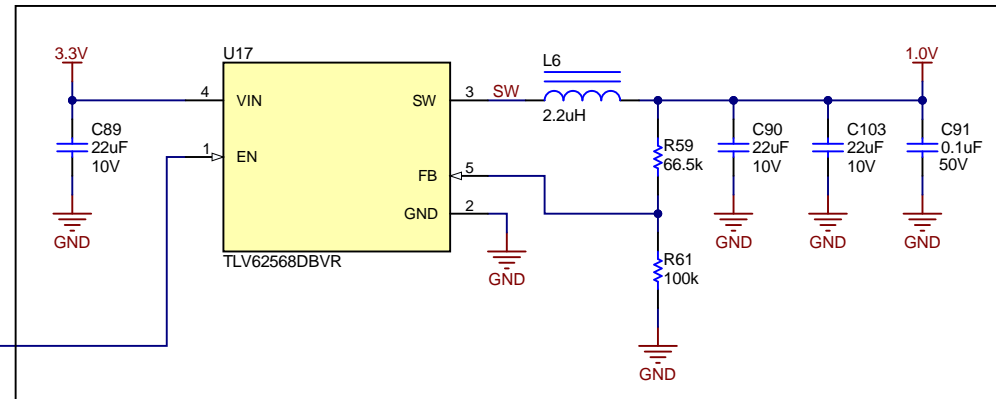
## 3.3V to 1.8V LDO

OUTPUT = 1.8V@400mA



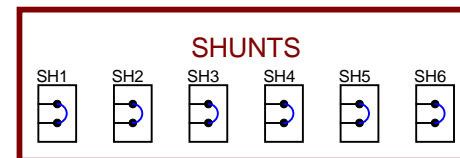
## 3.3V to 1V BUCK LDO for XMOS

OUTPUT = 1.0V@1A



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Orderable: <a href="#">TAS6424MSQ1EVM</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 10/18/2020
TID #: N/A	Project Title: <a href="#">TAS6424MSQ1EVM</a>	
Number: <a href="#">AMPS116</a>	Rev: <a href="#">A</a>	Sheet Title: <a href="#">Power Supplies</a>
SVN Rev: Not in version control	Assembly Variant: <a href="#">[No Variations]</a>	Sheet: 5 of 6
Drawn By: <a href="#">GJS</a>	File: <a href="#">AMPS116A_PowerSupplies.SchDoc</a>	Size: Letter
Engineer: <a href="#">GREGG SCOTT</a>	Contact: <a href="#">http://www.ti.com/support</a>	



!PCB1

PCB Number: AMPS116  
PCB Rev: A

Printed Circuit Board

Logo1  
PCB  
LOGO  
Texas Instruments



Logo2  
PCB  
LOGO  
FCC disclaimer

Logo3  
PCB  
LOGO  
WEEE logo

ZZ1

Assembly Note

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

ZZ2

Assembly Note

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

ZZ3

Assembly Note

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

ZZ4

Assembly Note

Heat Sink to be machined from AAVID Extrusion 61215.

ZZ5

Assembly Note

Apply Arctic Silver 5 Thermal Paste On Thermal Pad of U10 Before Mounting Heat Sink.

H10

MECH

ARCTIC SILVER 5

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Orderable: <a href="#">TAS6424MSQ1EVM</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 8/24/2020
TID #: <a href="#">N/A</a>	Project Title: <a href="#">TAS6424MSQ1EVM</a>	
Number: <a href="#">AMPS116</a>	Rev: <a href="#">A</a>	Sheet Title: <a href="#">Hardware</a>
SVN Rev: Not in version control	Assembly Variant: <a href="#">[No Variations]</a>	Sheet: 6 of 6
Drawn By: <a href="#">GJS</a>	File: <a href="#">AMPS116A_EVM_Hardware.SchDoc</a>	Size: Letter
Engineer: <a href="#">GREGG SCOTT</a>	Contact: <a href="#">http://www.ti.com/support</a>	