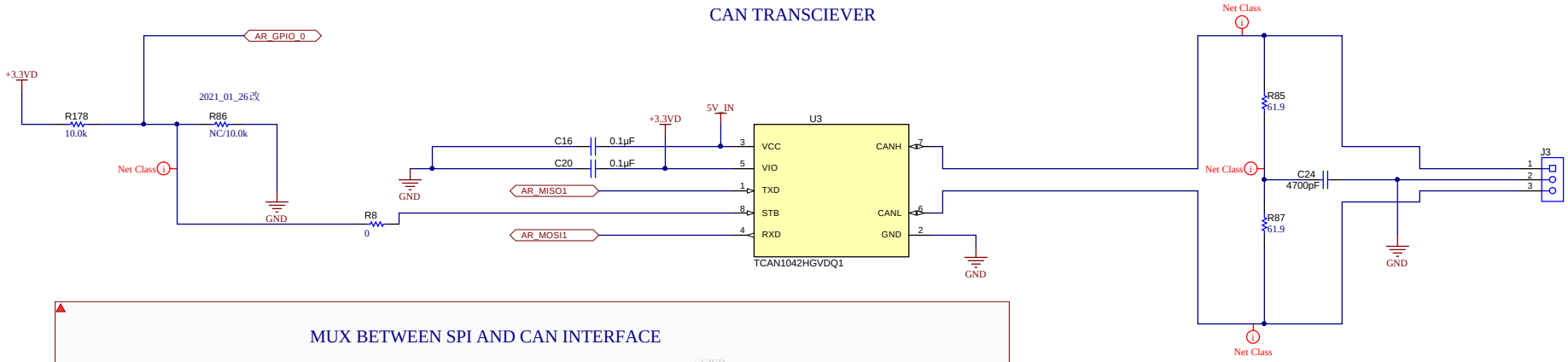
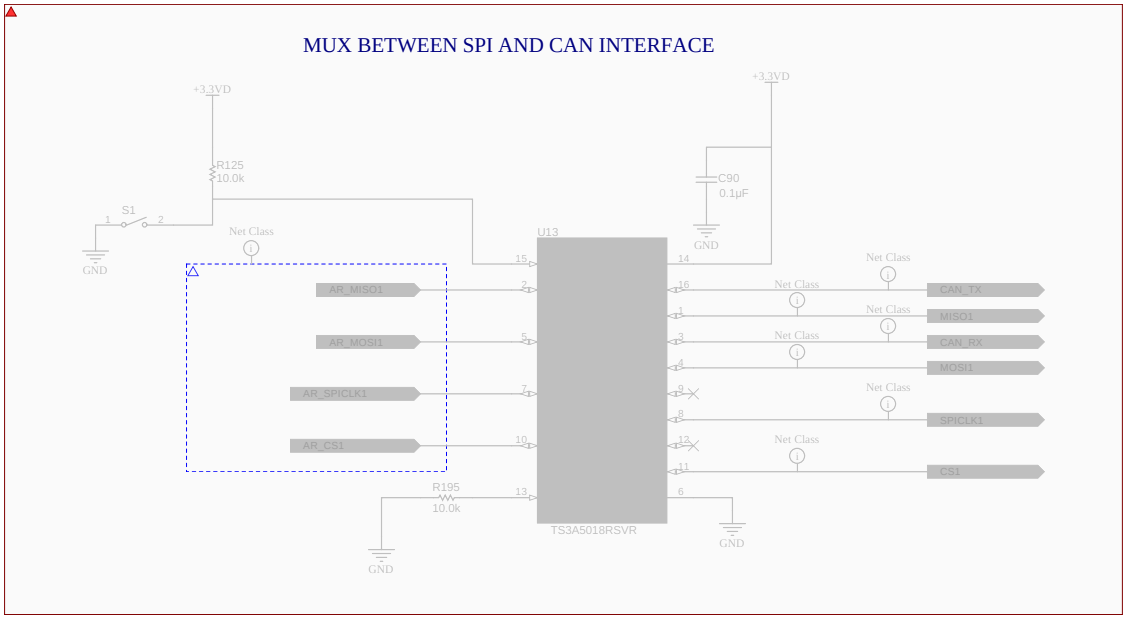
CAN INTERFACE

CAN TRANSCIEVER



MUX BETWEEN SPI AND CAN INTERFACE



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TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: CAN Interface	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 14 of 16
Drawn By: Adrian Ozer	File: PROC010B_CAN Interface.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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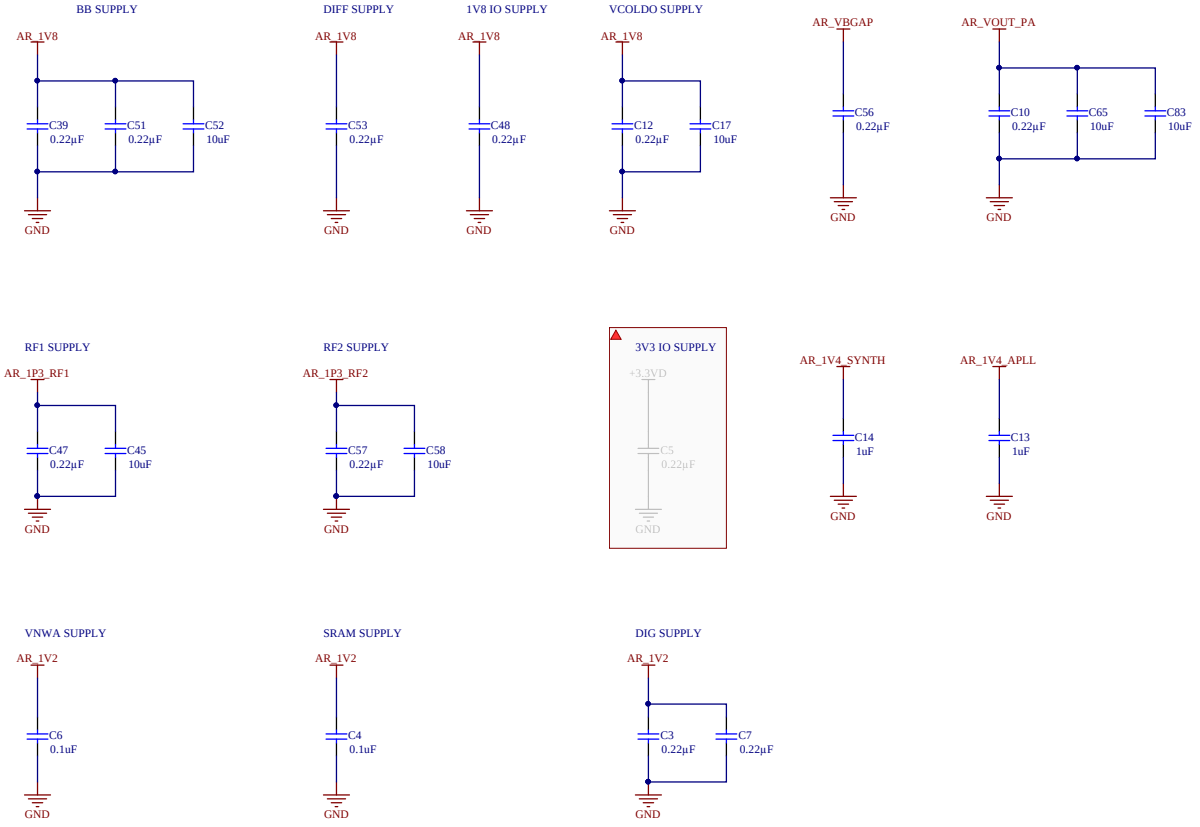
DECOUPLING CAPS REFERENCE



Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/18
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 3 of 16
Drawn By: Adrian Ozer	File: PROC010B_Decoupling_Caps_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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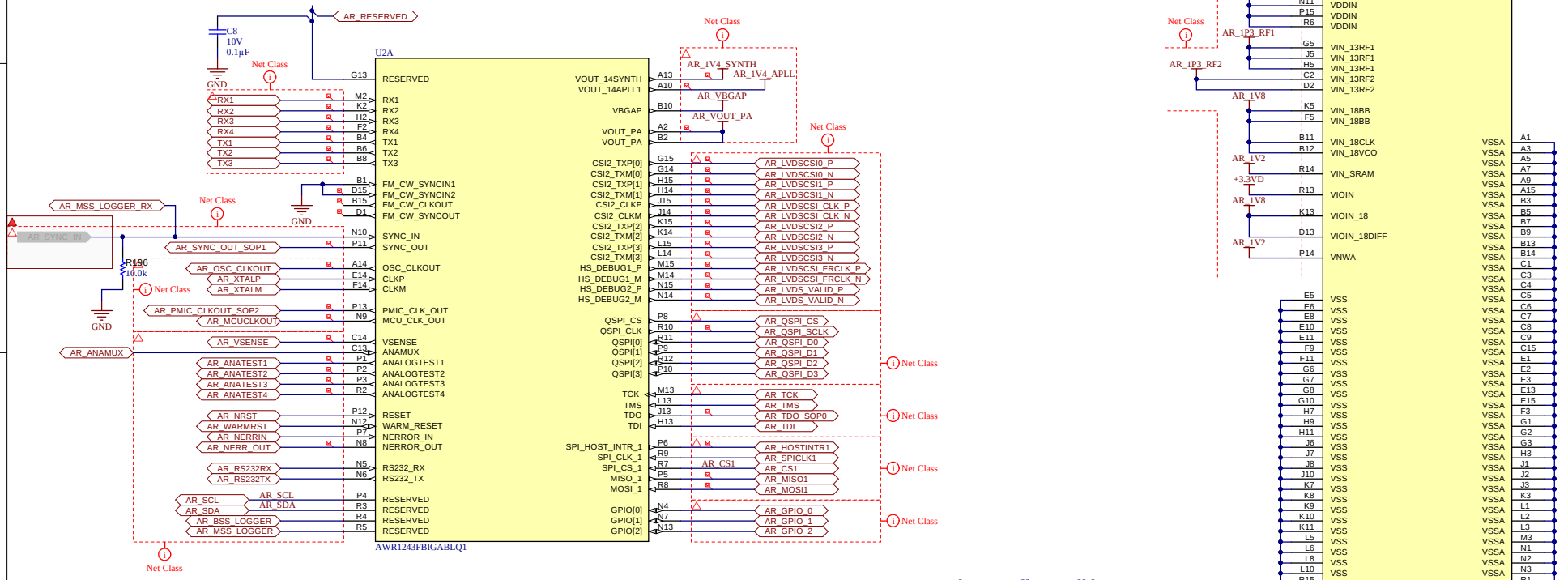
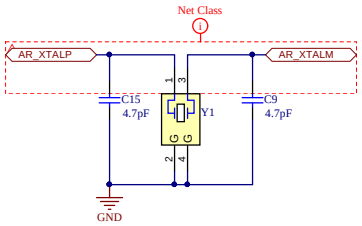
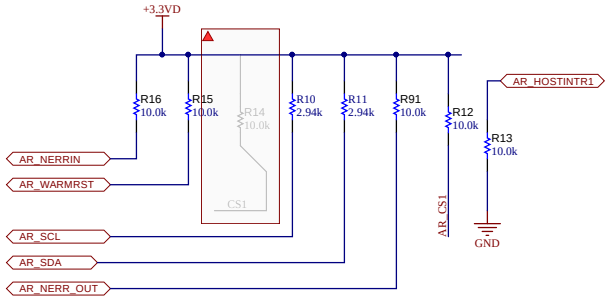
DUT REFERENCE



40MHz Crystal



Mandatory Pullups/Pulldowns



Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/14
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 2 of 16
Drawn By: Adrian Ozer	File: PROC010B_DUT_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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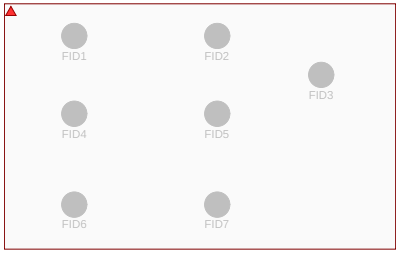
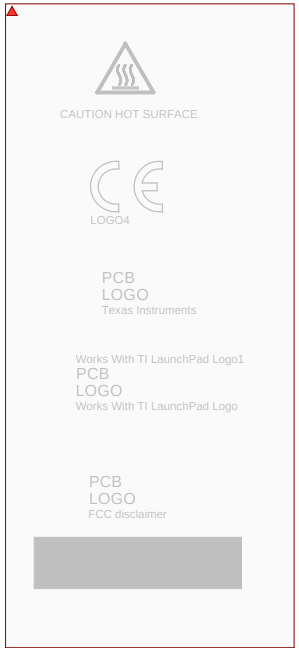
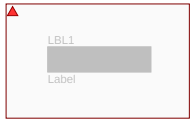
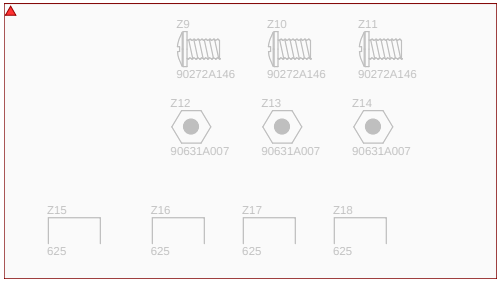


PCB
LOGO
ESD Susceptible

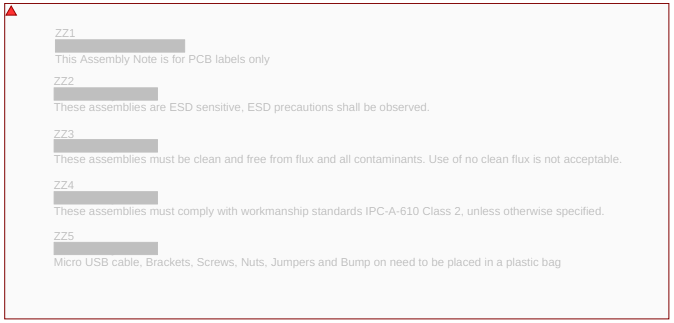
Logo3
PCB
LOGO
WEEE logo







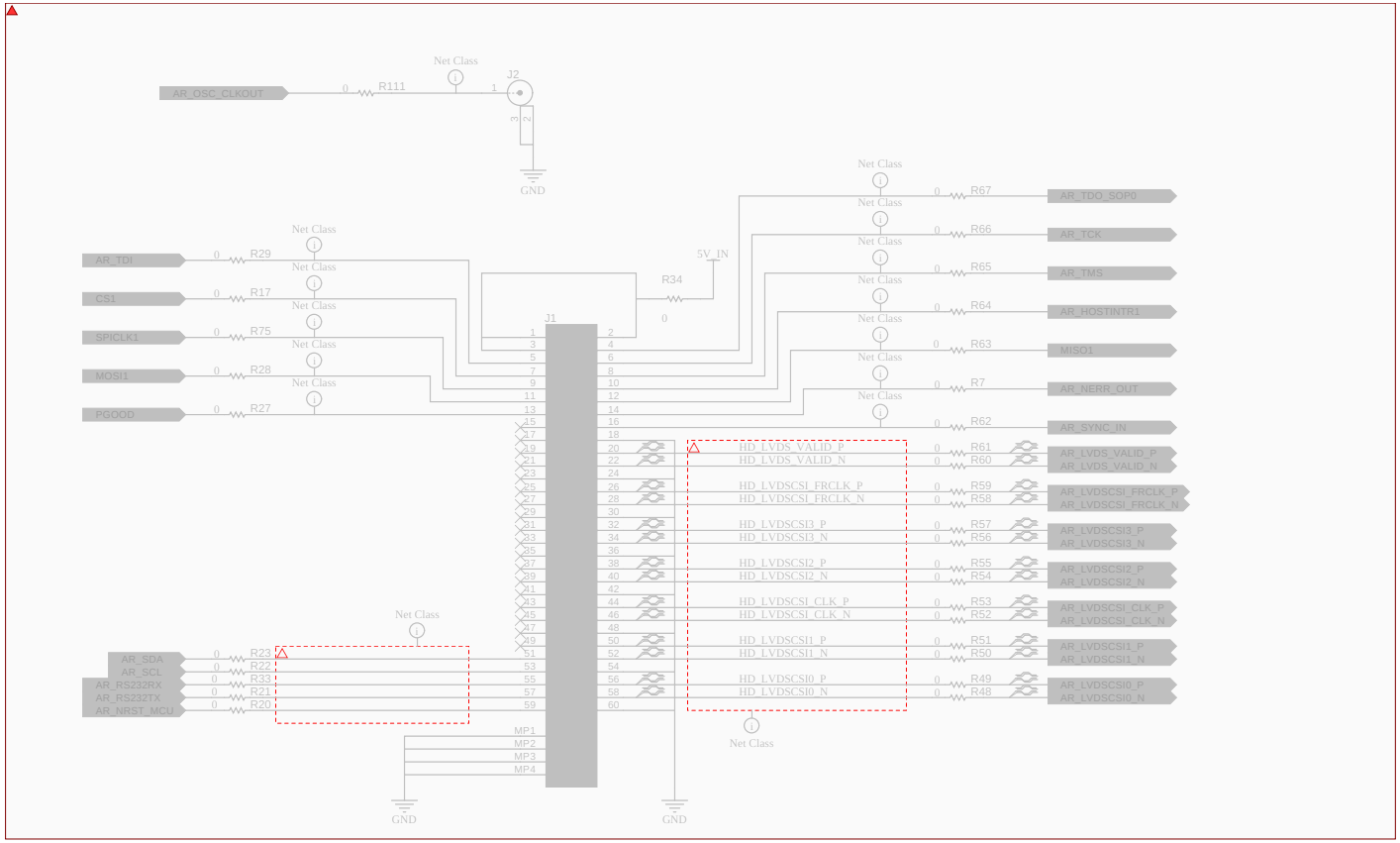
Variant/Label Table	
Variant	Label Text
001	AWR1243BOOST
002	AWR1443BOOST
003	IWR1443BOOST

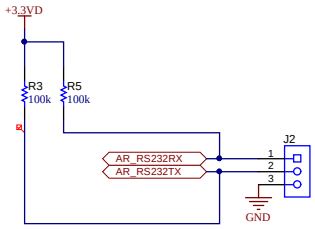


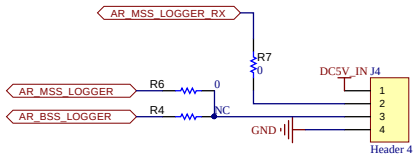
Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/14
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: Hardware	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 16 of 16
Drawn By: Adrian Ozer	File: PROC010B_Hardware.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

TEXAS INSTRUMENTS
http://www.ti.com

HD CONNECTOR FOR LVDS/CSI AND JTAG







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TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: HD Connector	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 10 of 16
Drawn By: Adrian Ozer	File: PROC010B_HD Connector.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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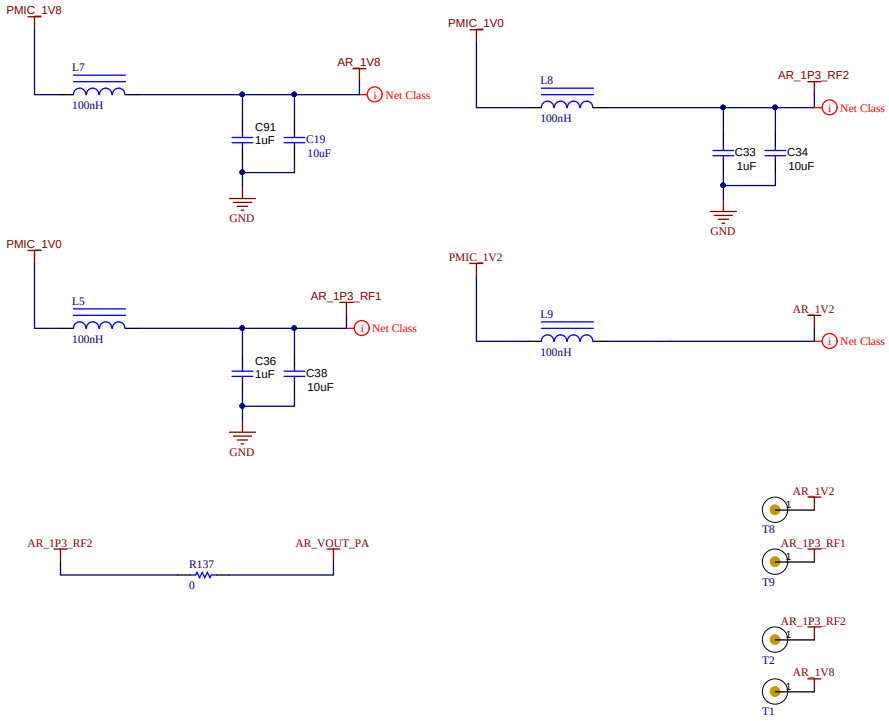
LC FILTERING REFERENCE



Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/14
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 5 of 16
Drawn By: Adrian Ozer	File: PROC010B_LC_Filtering_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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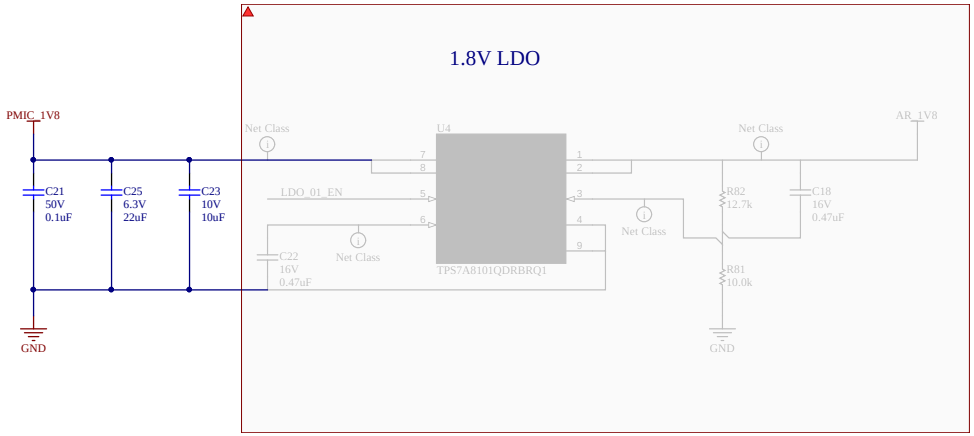
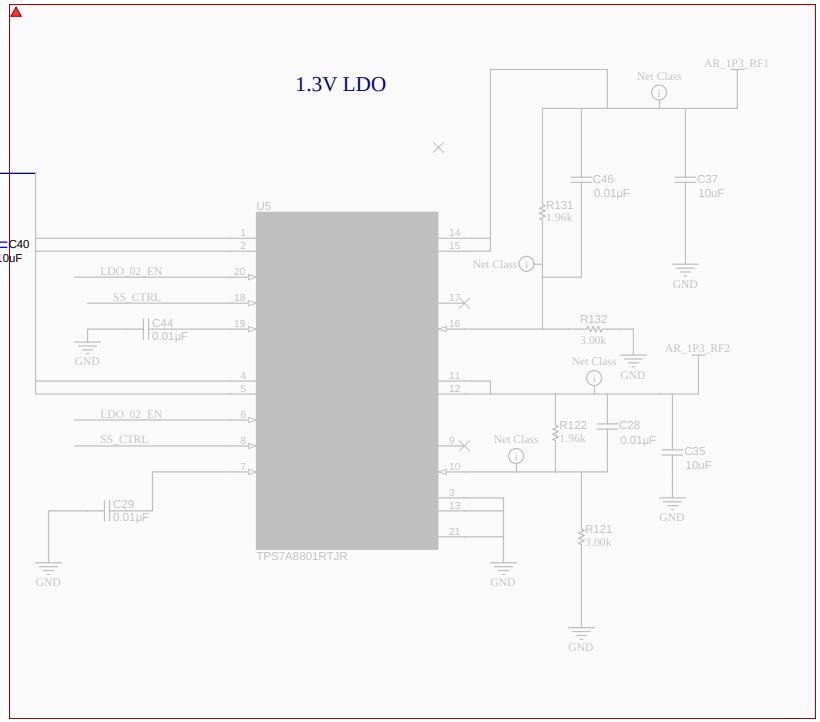
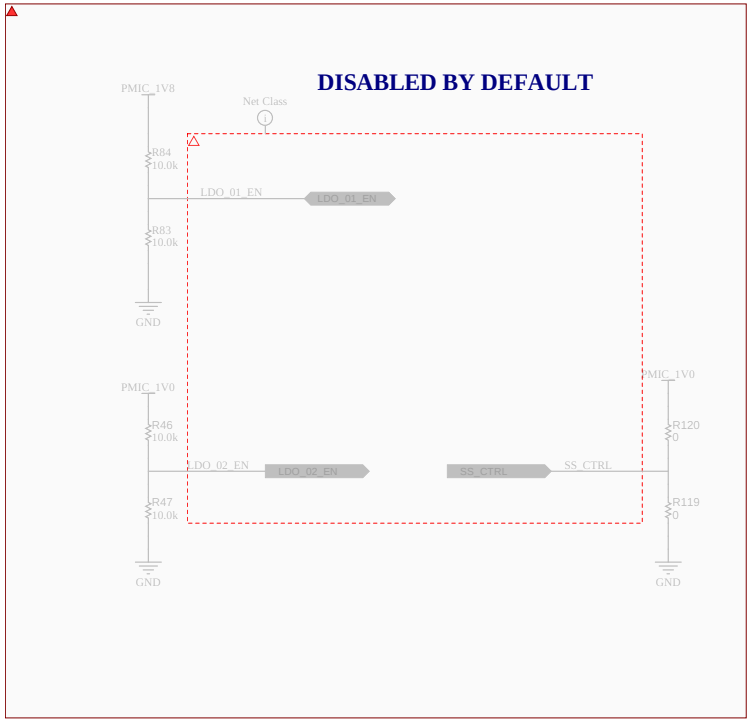
LDO





LDOs ARE FOR DEBUG PURPOSES ONLY

DURING LDO OPERATION PMIC_1V8 IS 2.3V AND PMIC_1V0 IS 1.8V



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TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 9 of 16
Drawn By: Adrian Ozer	File: PROC010B_LDO.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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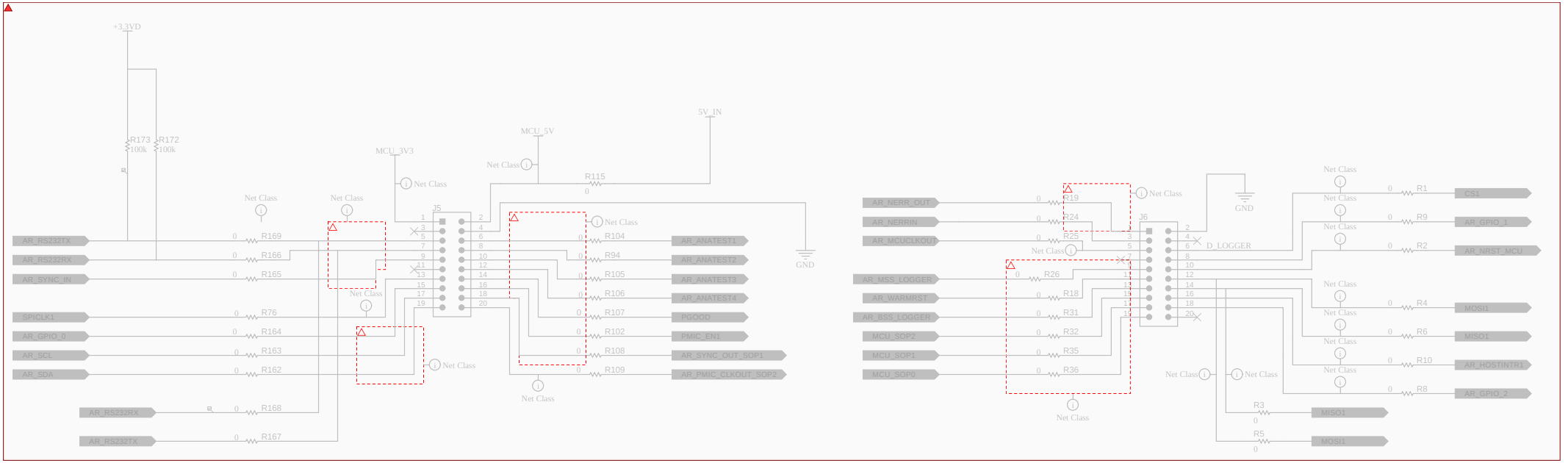
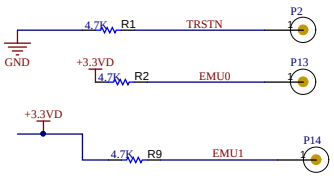
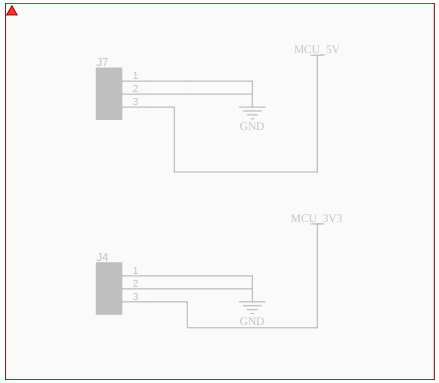
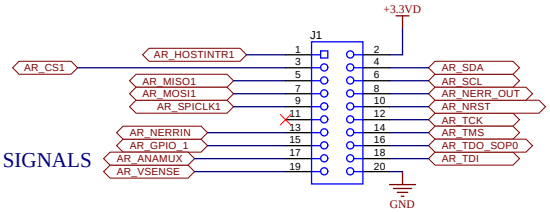
BP/LP CONNECTOR





JTAG





ANALOG SIGNALS

Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/18
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: LP Connector	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 11 of 16
Drawn By: Adrian Ozer	File: PROC010B_LP Connector.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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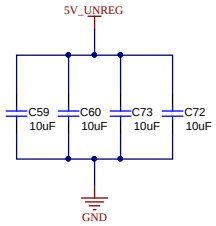
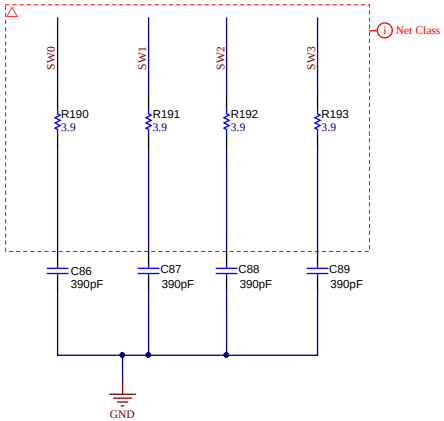
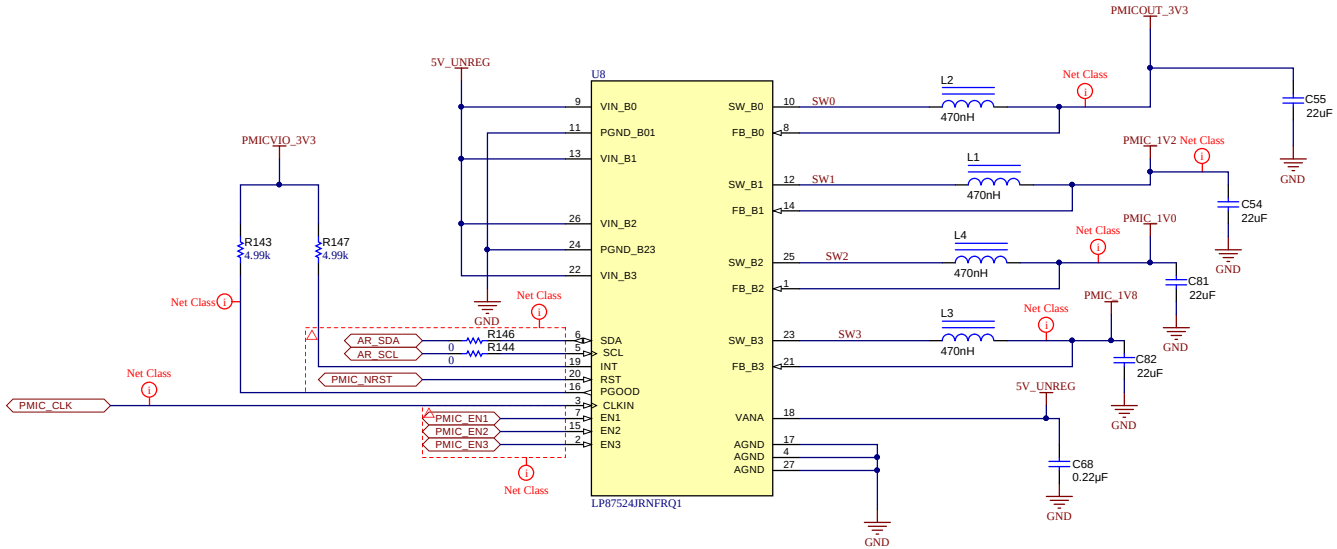
PMIC (3.3V, 1.2V, 1.8V,2.3V OUTPUTS) REFERENCE

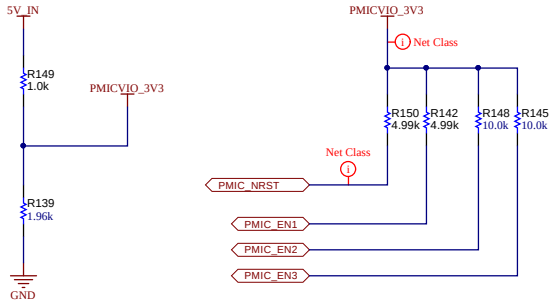


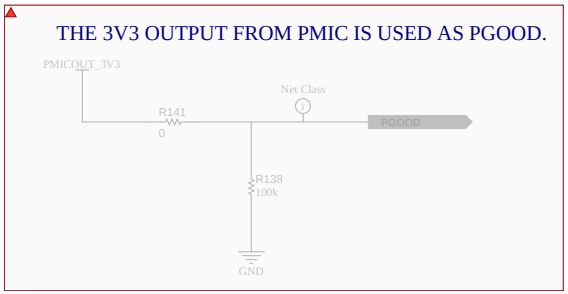
SNUBBER ON SWITCHING NODES





CONTROLS FOR THE PMIC





Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/14
TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: PMIC	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 4 of 16
Drawn By: Adrian Ozer	File: PROC010B_PMIC_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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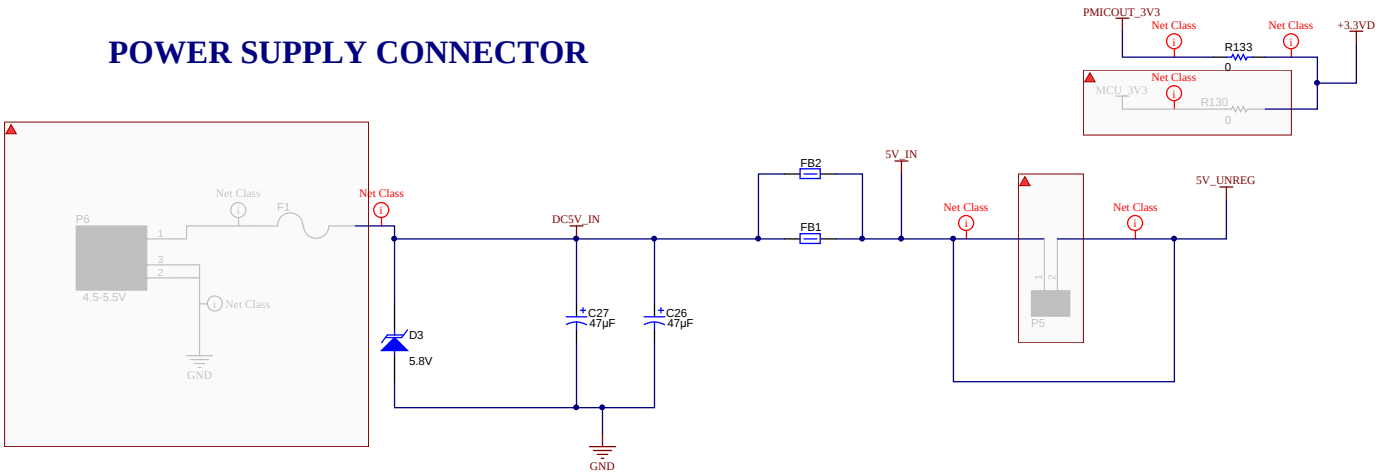
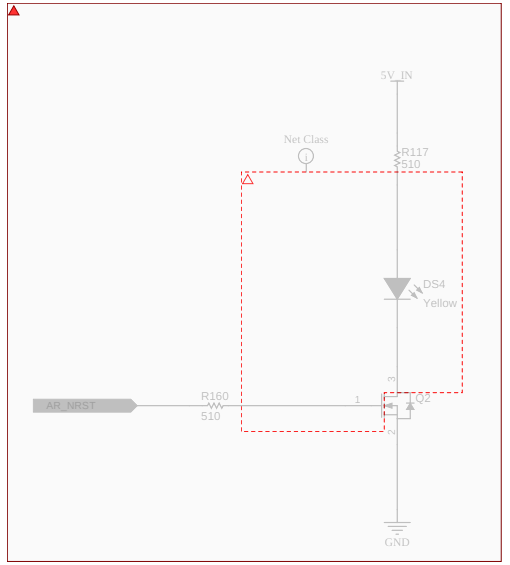
POWER SUPPLY CONNECTOR

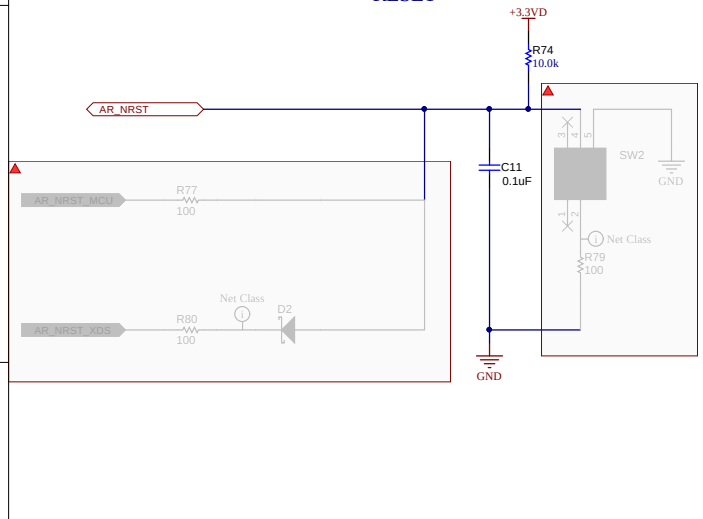


3P3 SUPPLY FROM PMIC OR FROM THE MCU

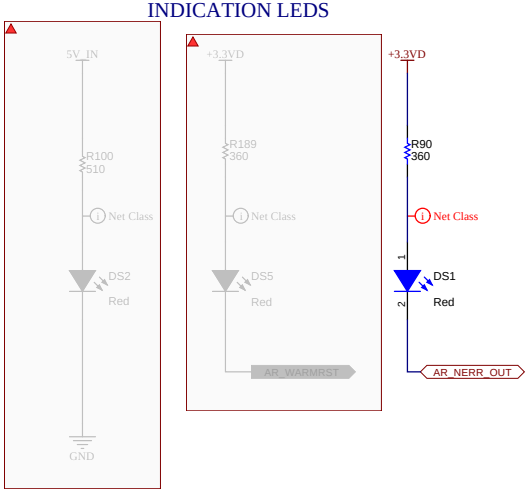


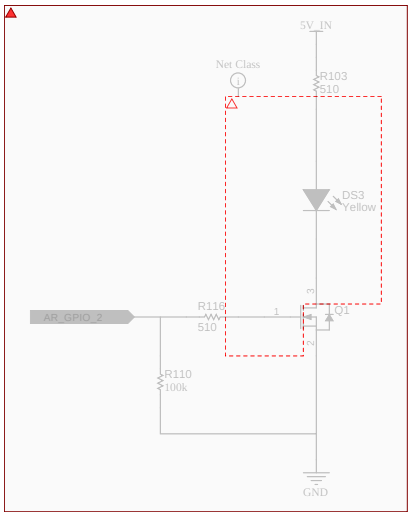
RESET AND LEDS

RESET

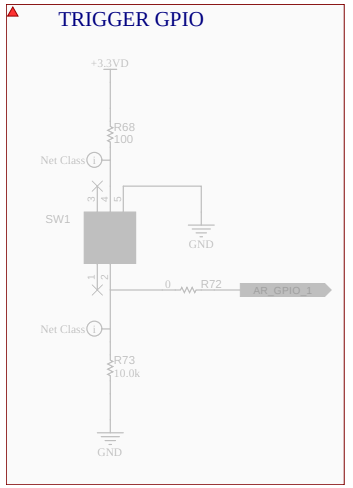


INDICATION LEDS





TRIGGER GPIO



Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 2020/11/14
TID #: N/A	Project Title: PROC010	
Number: PROC010 | Rev: B	Sheet Title: Pwr_RST_LEDs	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 8 of 16
Drawn By: Adrian Ozer	File: PROC010B_Pwr_RST_LEDs.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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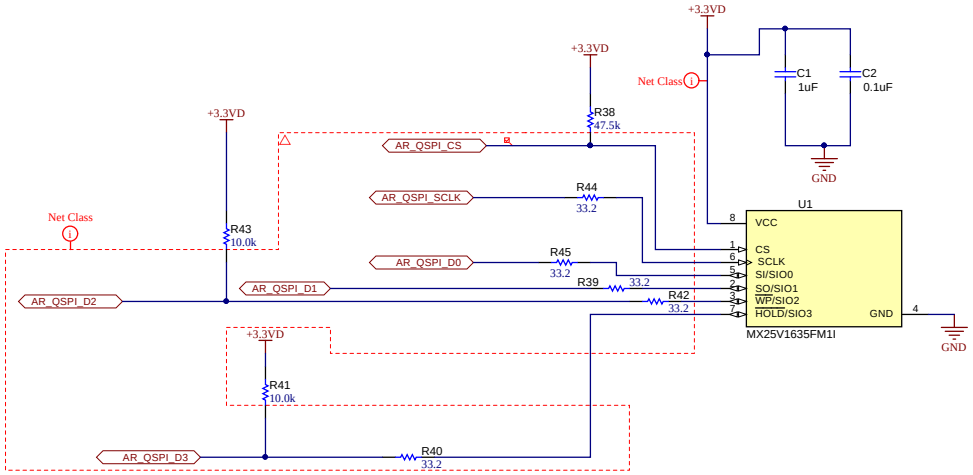
QSPI FLASH REFERENCE



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TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title: QSPI flash section	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 7 of 16
Drawn By: Adrian Ozer	File: PROC010B_QSPI_Flash_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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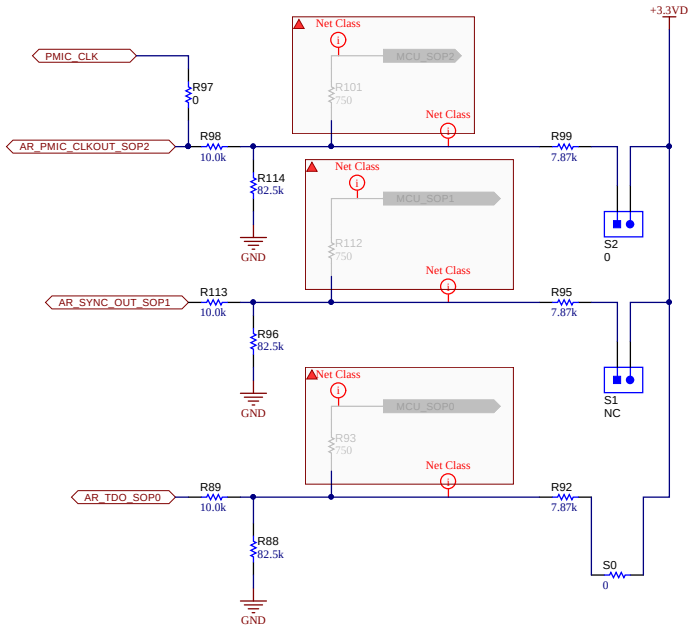
SOP HEADERS REFERENCE

SOP_MODE1	"010"	SCAN/ATPG
SOP_MODE2	"011"	DEV/FLED/ORBIT
SOP_MODE3	"000"	TBD
SOP_MODE4	"001"	FUNC - > DEFAULT VALUE FOR OUTPUTS
SOP_MODE5	"101"	DEV MANAGEMENT -> FOR FLASHING



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TID #: N/A	Project Title: PROC010	
Number: PROC010 Rev: B	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 6 of 16
Drawn By: Adrian Ozer	File: PROC010B_SOP_Headers_Reference.SchDoc	Size: B
Engineer: Adrian Ozer	Contact: http://www.ti.com/support	

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