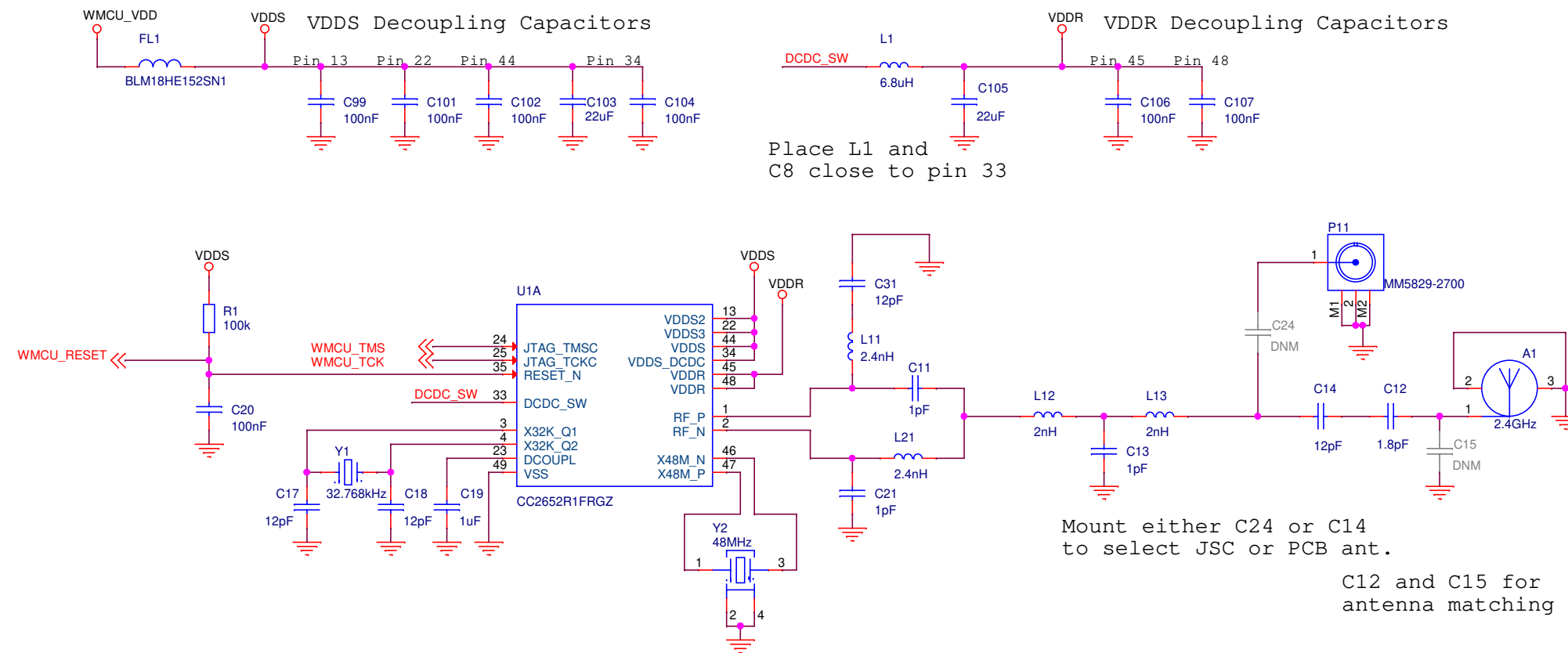



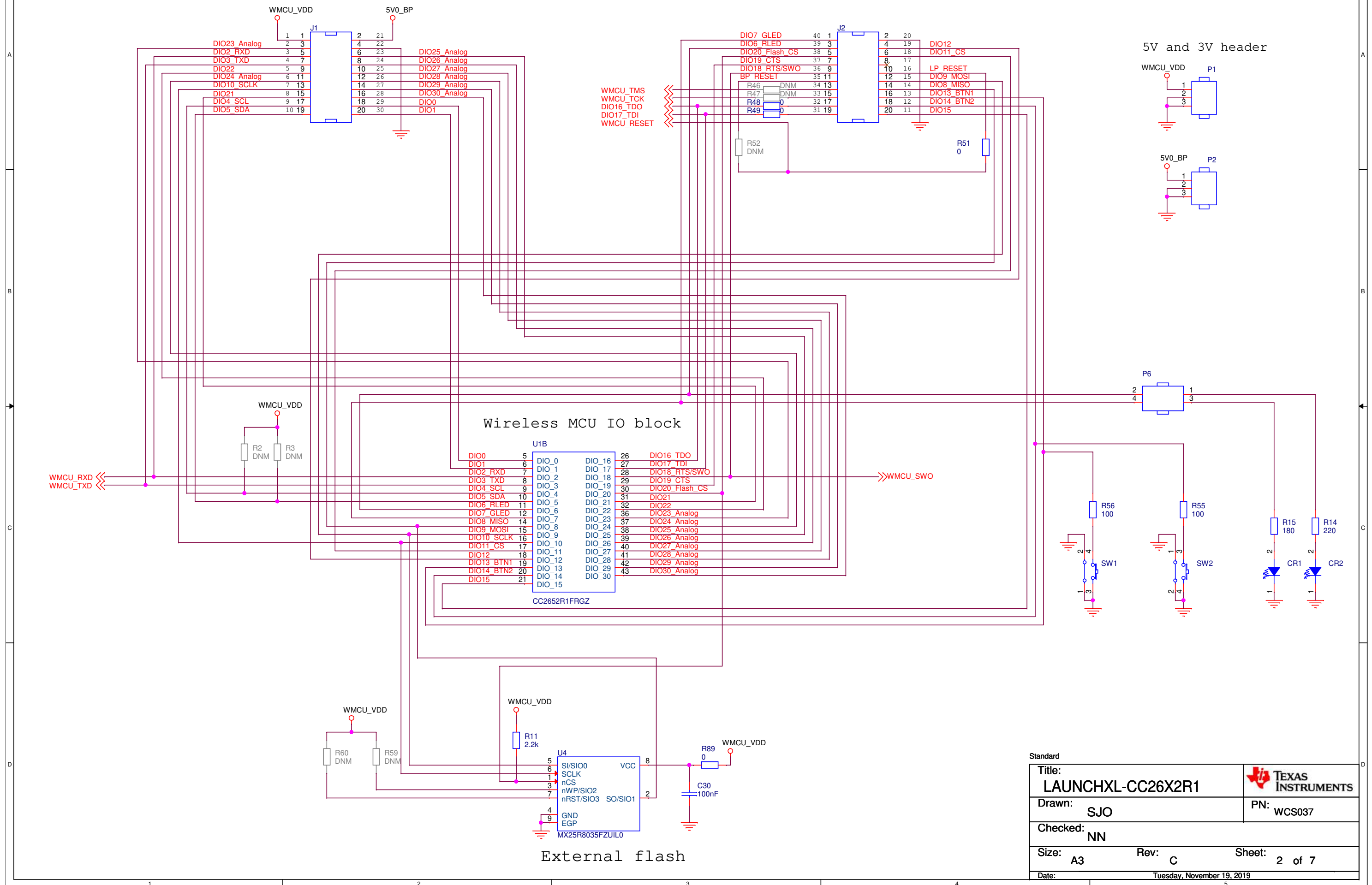
Wireless MCU RF



Wireless MCU IO block
placed on page 2.

Standard		D	
Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS	
Drawn: SJO		PN: WCS037	
Checked: NN			
Size: A3	Rev: C	Sheet: 1 of 7	
Date:		Tuesday, November 19, 2019	

BoosterPack Headers and Peripherals



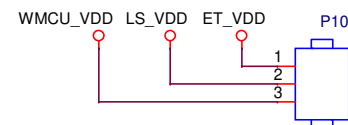
Standard	
Title:	LAUNCHXL-CC26X2R1
Drawn:	SJO
Checked:	NN
Size:	A3
Date:	Tuesday, November 19, 2019
Rev:	C
Sheet:	2 of 7
PN:	WCS037

XDS110 Debugger Interface

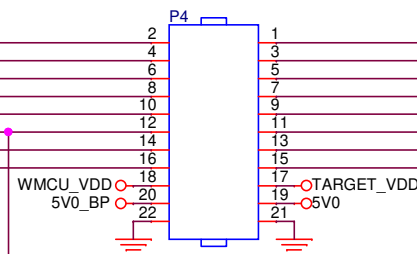
P10 selects the voltage source for the level shifters

When powering the wireless MCU from the XDS supply, connect jumper between pins 1 and 2.

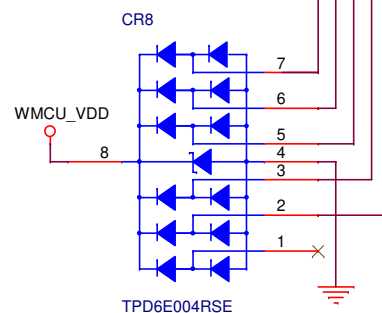
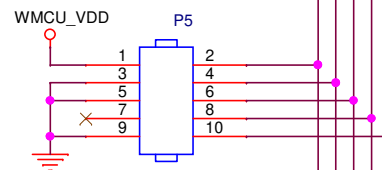
When powering the wireless MCU from the external supply, connect jumper between pins 2 and 3.



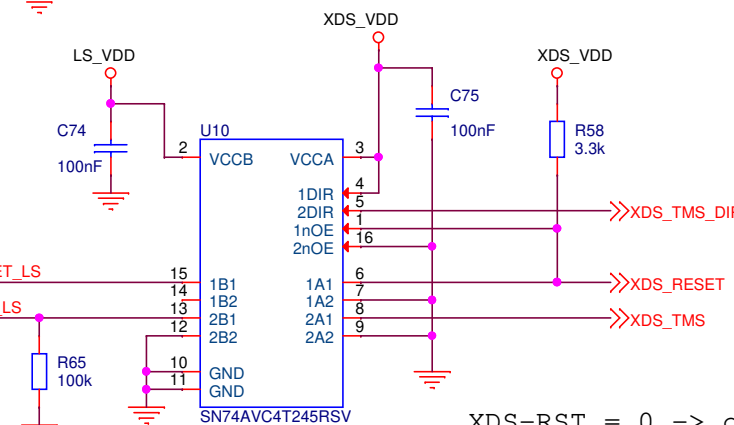
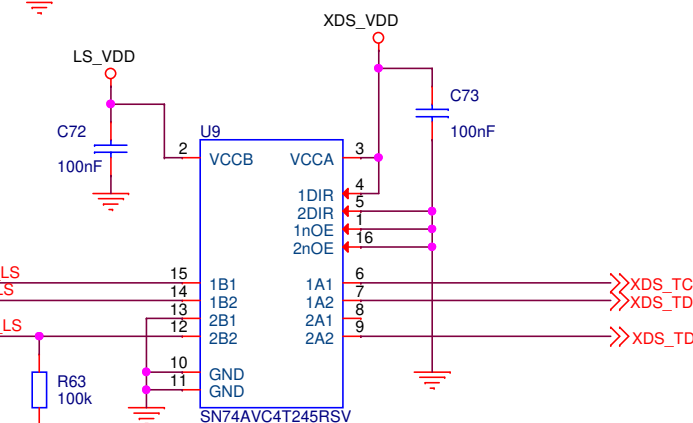
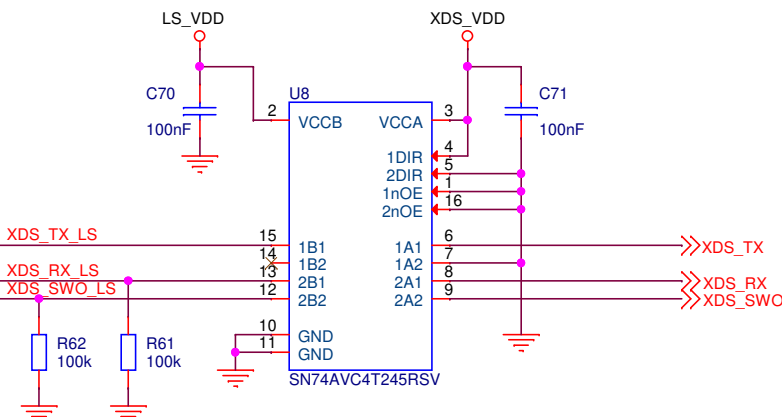
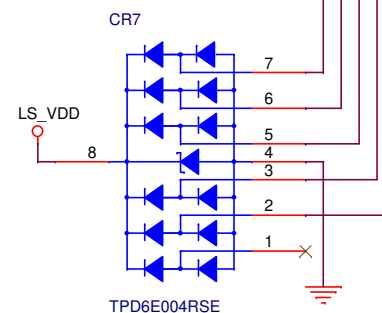
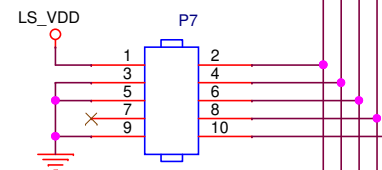
WMCU_SWO
DIO17_TDI
DIO16_TDO
WMCU_TCK
WMCU_TMS
WMCU_RESET
WMCU_TXD
WMCU_RXD



Use P5 for debugging
the wireless MCU with an
external debugger
(requires that all
jumpers be removed)



Use P7 for debugging
external targets
(requires that all
jumpers be removed)



XDS-RST = 0 -> output = 0
XDS-RST = 1 -> output = Hi-Z

DIR = H: A -> B
DIR = L: B -> A

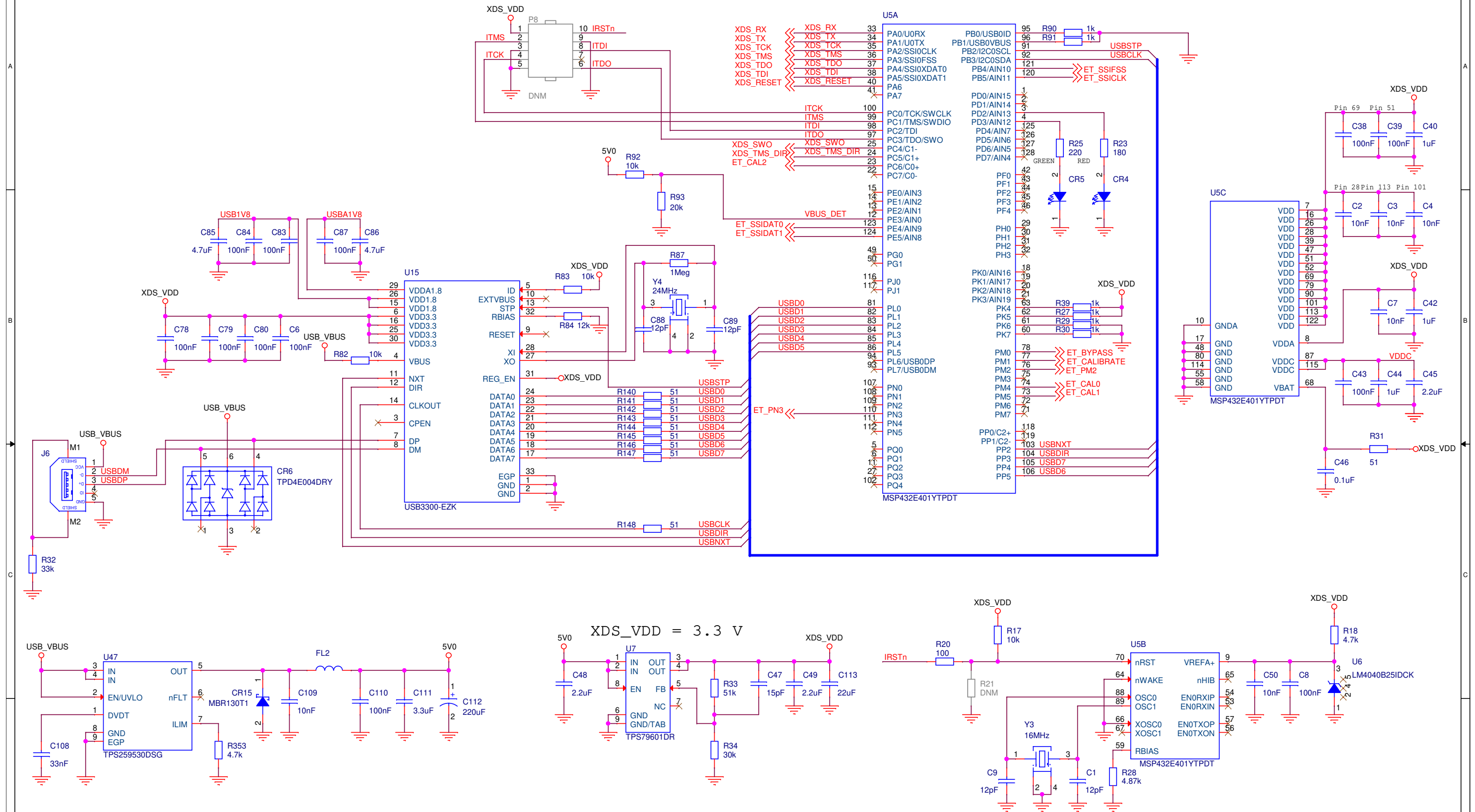
OE = H: output = Hi-Z


TMS signal is bidirectional.
TMS_DIR used to control
direction of level shifter

Standard

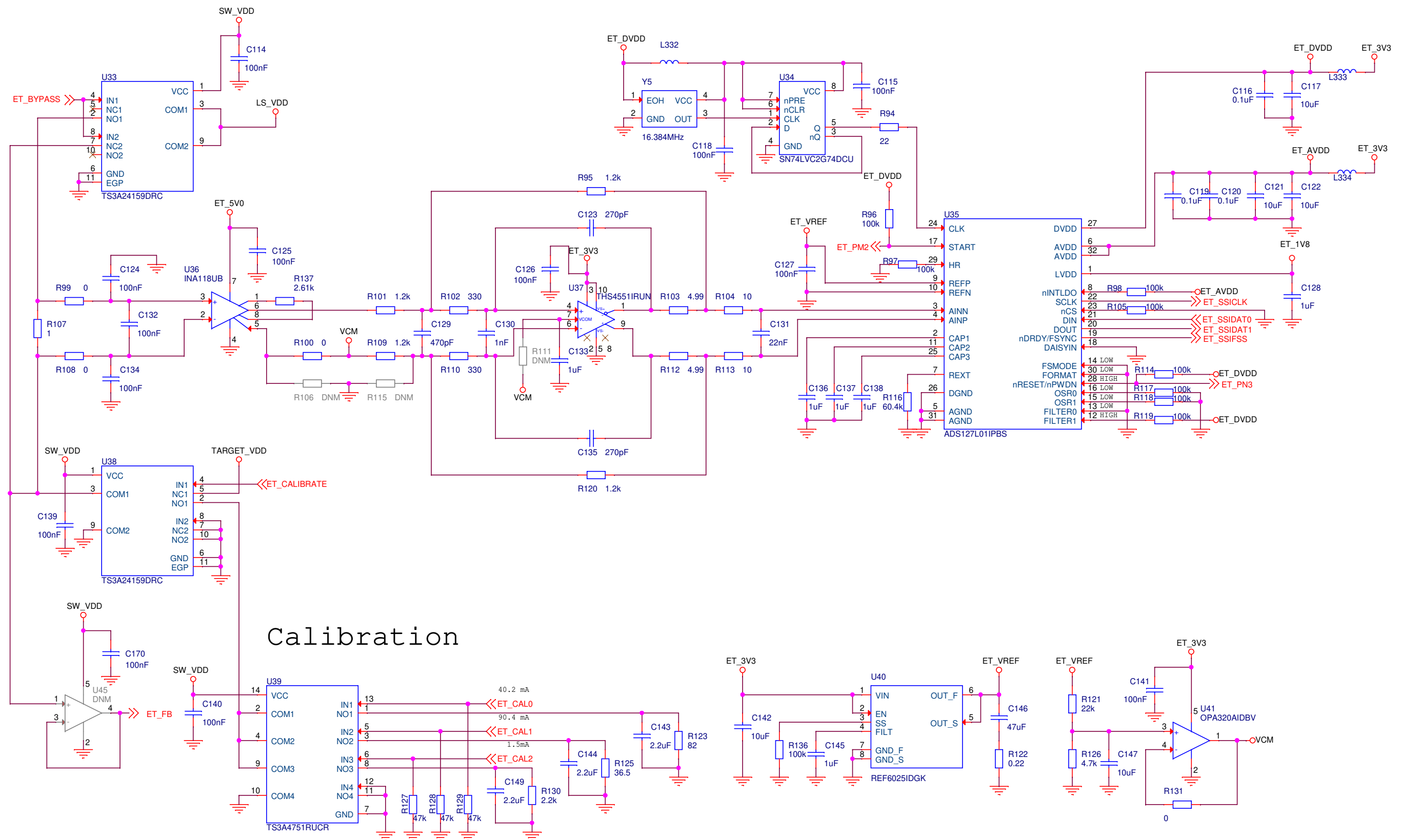
Title:	LAUNCHXL-CC26x2	TEXAS INSTRUMENTS
Drawn:	NN	PN: WCS037
Checked:	SJO	
Size:	A3	Rev: C Sheet: 3 of 7
Date:	Tuesday, November 19, 2019	

XDS110 Debugger




Standard		D
Title: LAUNCHXL-CC26X2R1	 TEXAS INSTRUMENTS	
Drawn: SJO	PN: WCS037	
Checked: NN		
Size: A3	Rev: C	Sheet: 4 of 7
Date: Tuesday, November 19, 2019		

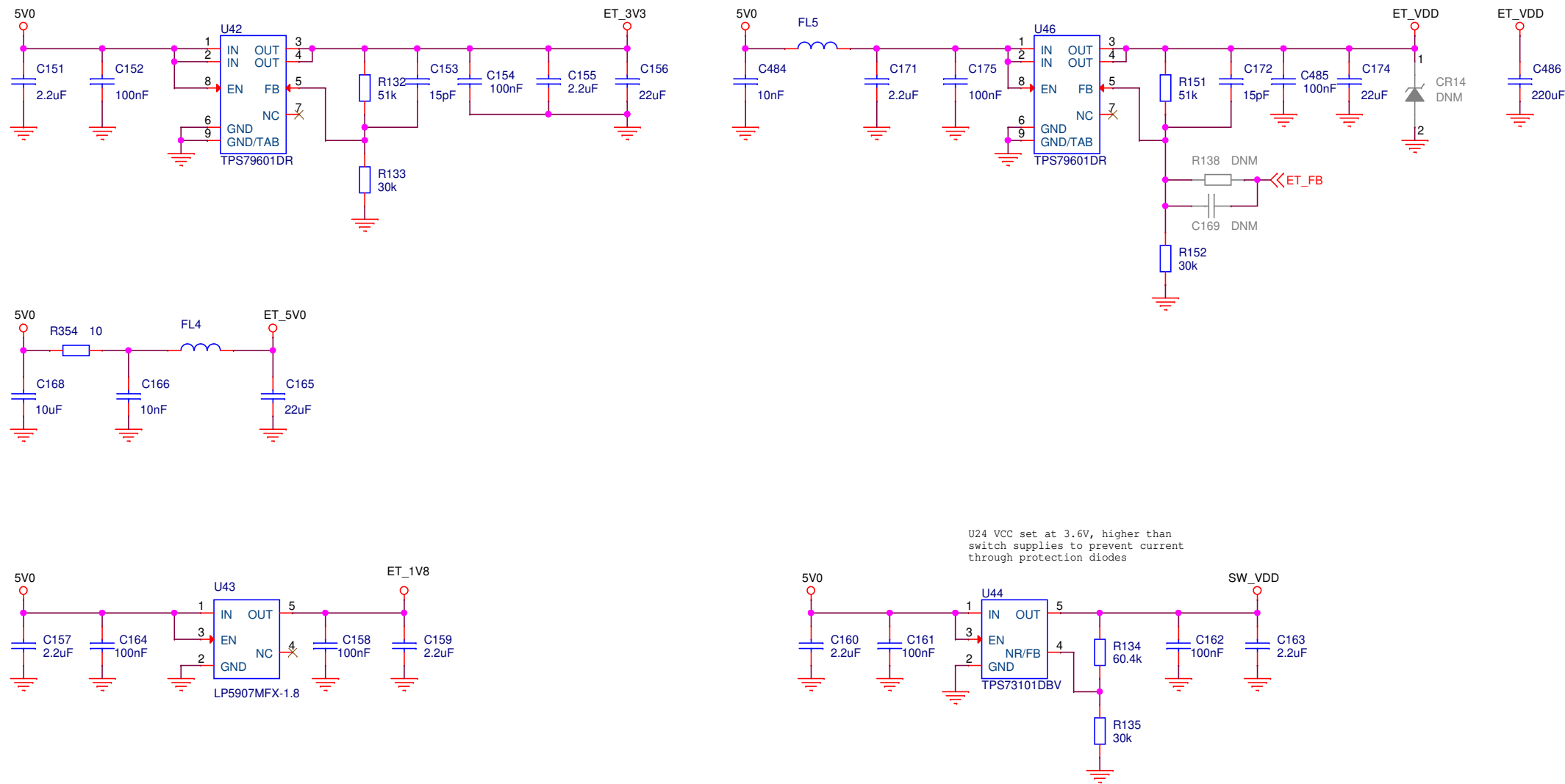
EnergyTrace



Calibration

Standard		D	
Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS	
Drawn: SJO		PN: WCS037	
Checked: NN			
Size: A3	Rev: C	Sheet: 5 of 7	
Date:		Tuesday, November 19, 2019	

EnergyTrace Power Supply



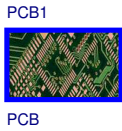
Standard	
Title: LAUNCHXL-CC26X2R1	TEXAS INSTRUMENTS
Drawn: SJO	PN: WCS037
Checked: NN	
Size: A3	Rev: C
Sheet: 6 of 7	
Date: Tuesday, November 19, 2019	

Mechanical

Jumpers

- P6: M1 M2
- P4: M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13
- P10: M14

PCB



Mounting Holes

- MH1 HOLE_3.2mm_PTH
- MH2 HOLE_3.2mm_PTH
- MH3 HOLE_3.2mm_PTH
- MH4 HOLE_3.2mm_PTH
- MH5 HOLE_1.1mm_PTH
- M15
- M16
- M17
- M18
- DCB-10
- DCB-10
- DCB-10
- DCB-10
- Place standoffs on bottom side.

Fiducials


- FIDU1
- FIDU2
- FIDU3
- FIDU4
- FIDU5
- FIDU6

Labels

- LBL2
- LBL3
- TI_LOGO
- CE_label
- LBL4
- FCC dsc
- LABEL_FOR_EVALUATION_ONLY
- LBL5
- TRASH_7mm
- LBL6
- ESD_LABEL_5x5mm

Stickers

- LBL1
- HW Rev:
- FW:
- YYMM
- LP_STICKER
- Place sticker on bottom side.

Standard	
Title: LAUNCHXL-CC26X2R1	
Drawn: SJO	PN: WCS037
Checked: NN	
Size: A3	Rev: C
Sheet: 7 of 7	
Date: Tuesday, November 19, 2019	