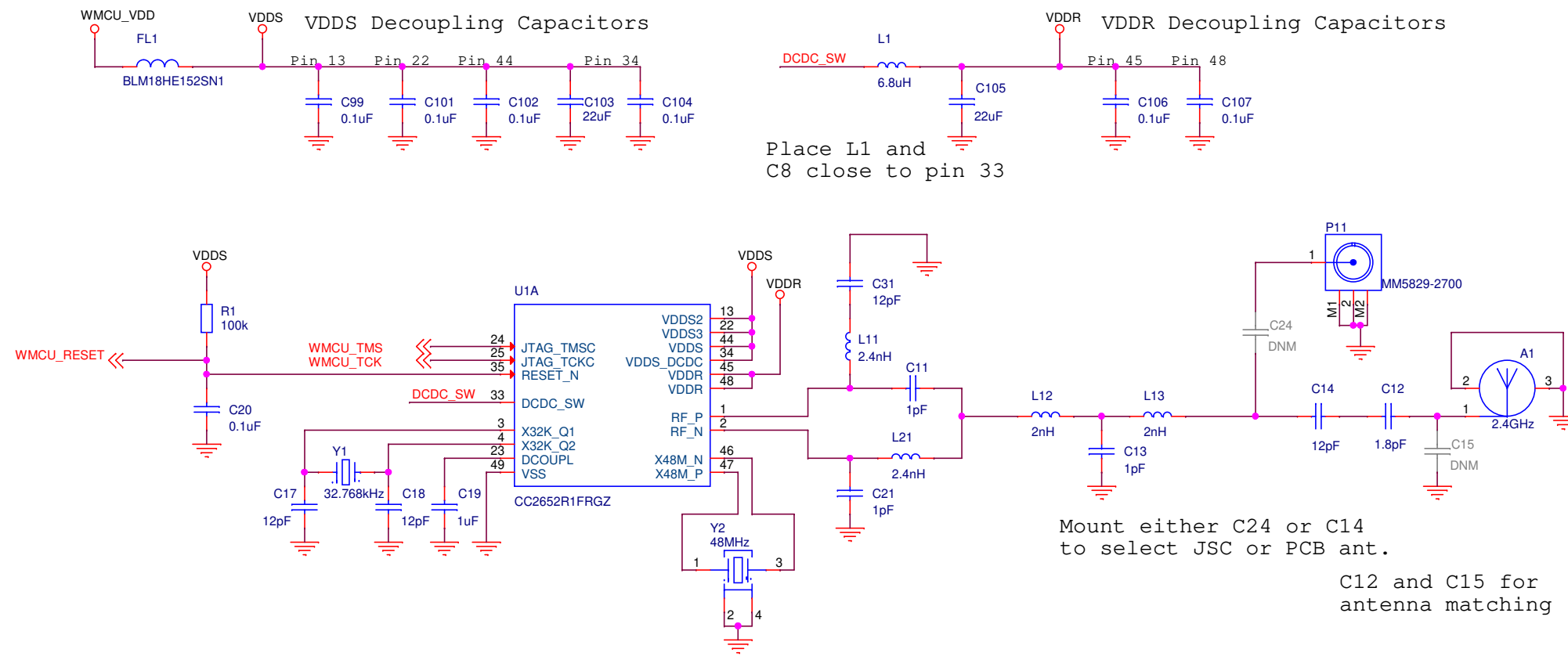


Wireless MCU RF




Place L1 and C8 close to pin 33

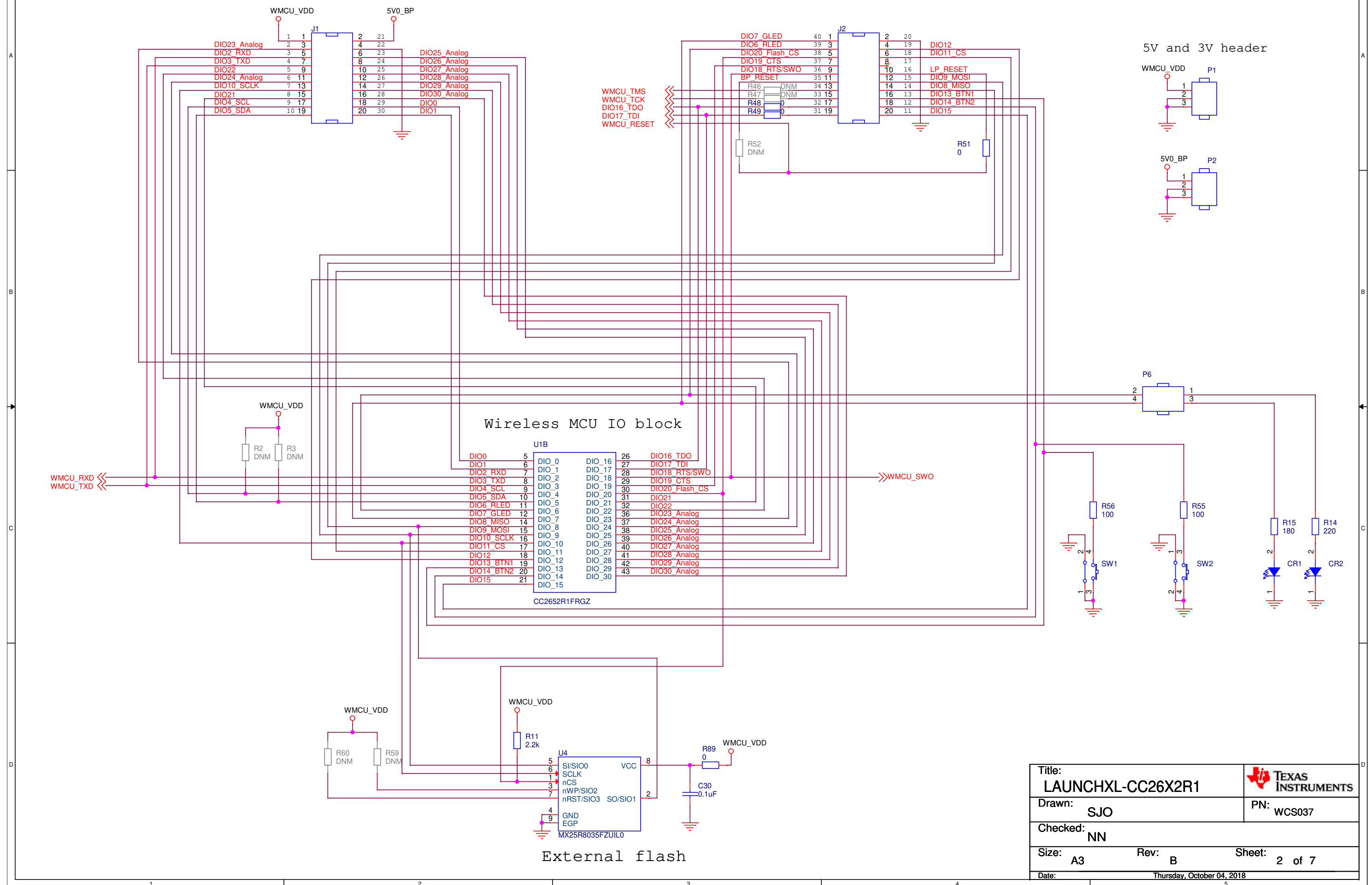
Mount either C24 or C14 to select JSC or PCB ant.


C12 and C15 for antenna matching

Wireless MCU IO block placed on page 2.

Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO		PN: WCS037
Checked: NN		
Size: A3	Rev: B	Sheet: 1 of 7
Date: Thursday, October 04, 2018		

BoosterPack Headers and Peripherals



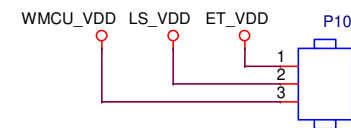
Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO	PN: WCS037	
Checked: NN		
Size: A3	Rev: B	Sheet: 2 of 7
Date: Thursday, October 04, 2018		

XDS110 Debugger Interface

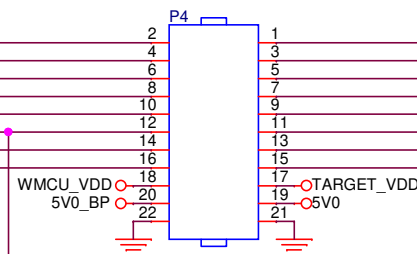
P10 selects the voltage source for the level shifters

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

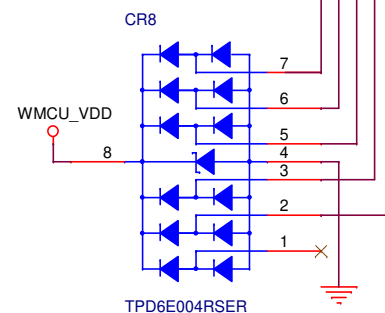
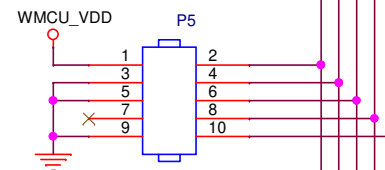
When powering the wireless MCU from the external supply, connect jumper between pins 2 and 3.



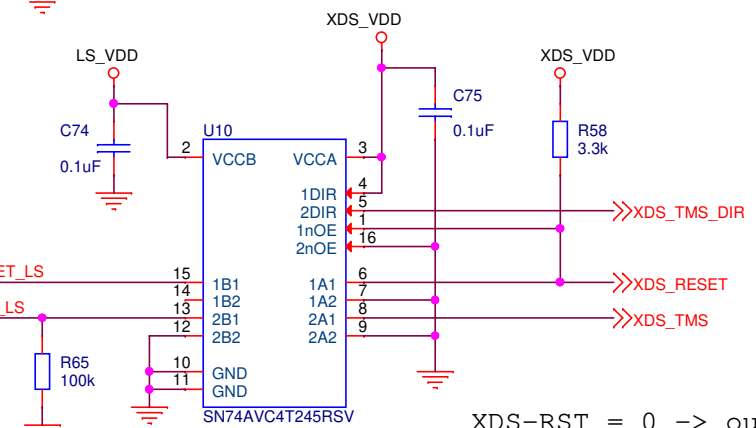
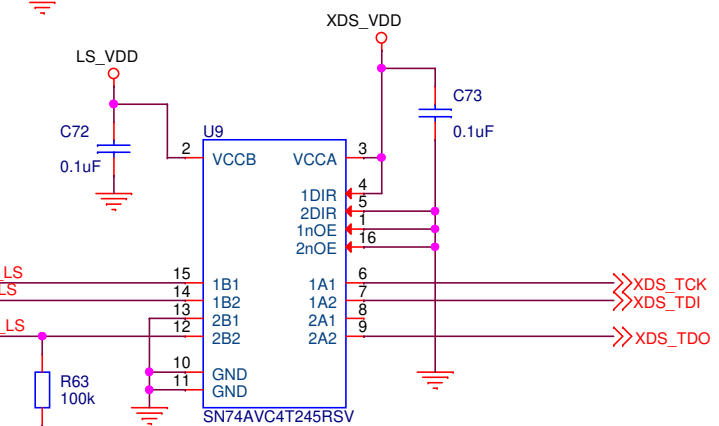
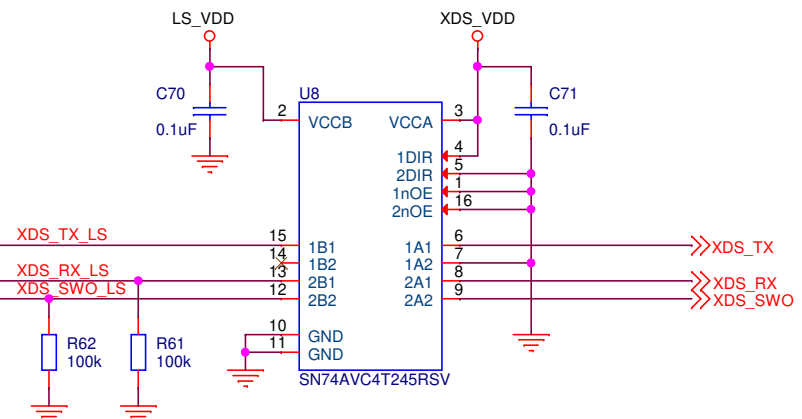
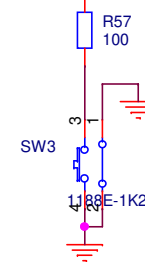
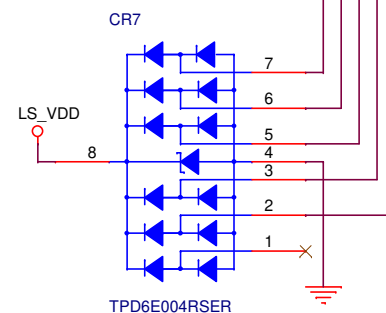
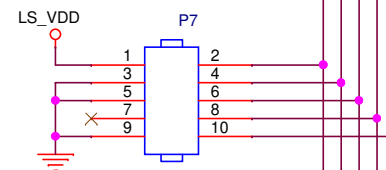
WMCU_SWO
DIO17_TDI
DIO16_TDO
WMCU_TCK
WMCU_TMS
WMCU_RESET
WMCU_TXD
WMCU_RXD



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)




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

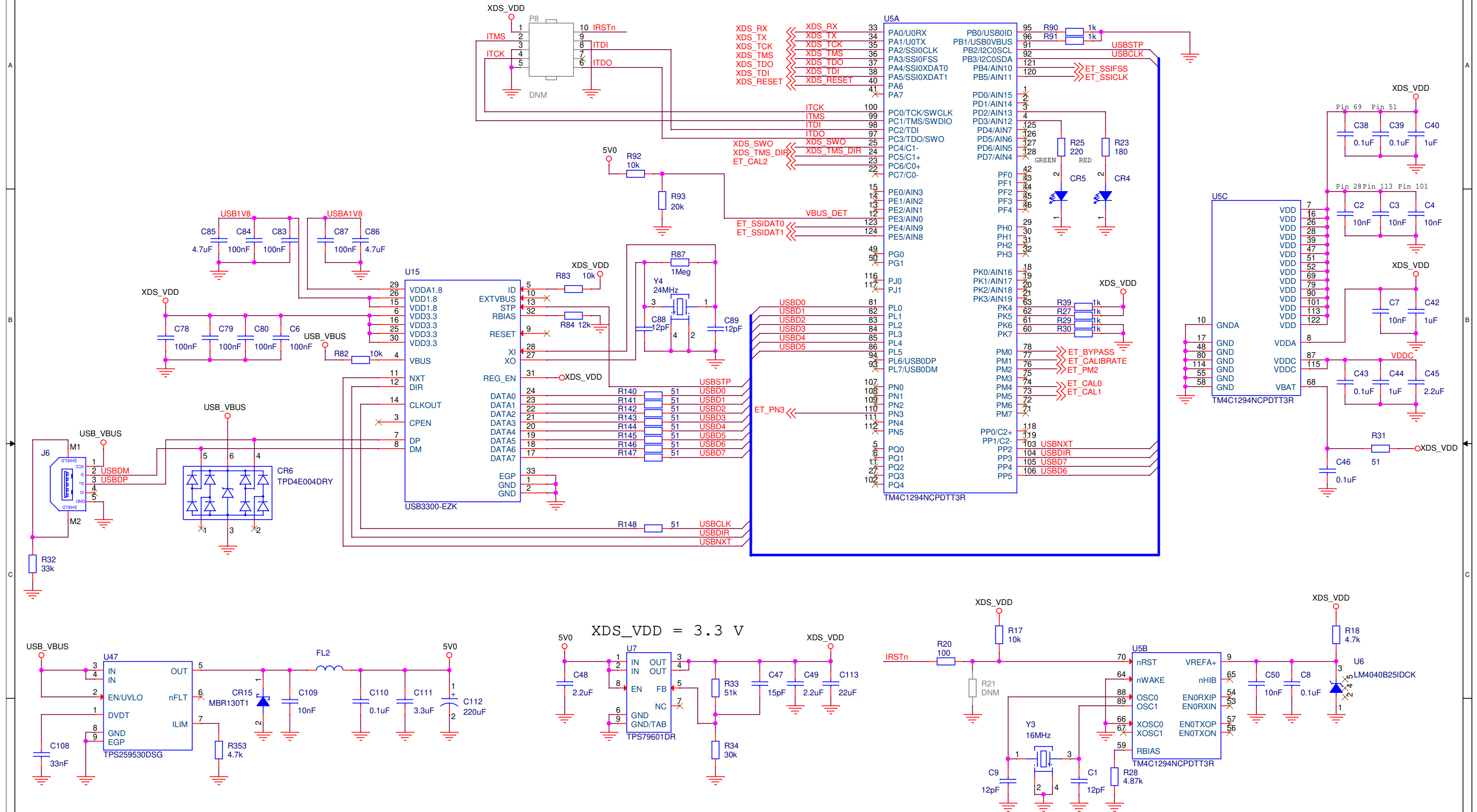
OE = H: output = Hi-Z

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


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

Title: LAUNCHXL-CC26x2		 TEXAS INSTRUMENTS
Drawn: NN		
Checked: SJO		
Size: A3	Rev: B	Sheet: 3 of 7
Date: Thursday, October 04, 2018		

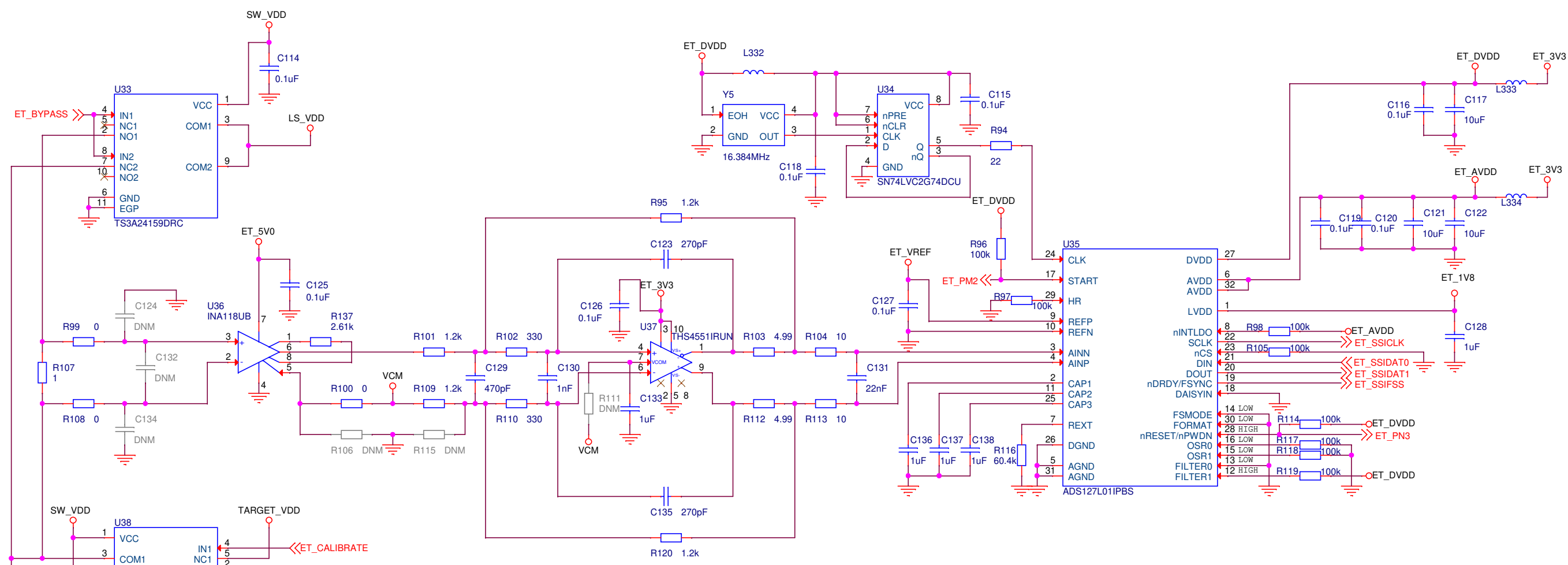
XDS110 Debugger



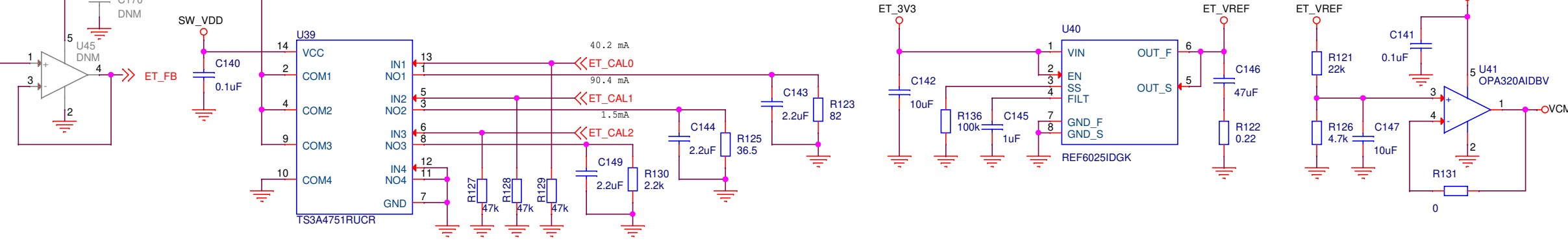
D


Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO	PN: WCS037	
Checked: NN		
Size: A3	Rev: B	Sheet: 4 of 7
Date: Thursday, October 04, 2018		

EnergyTrace

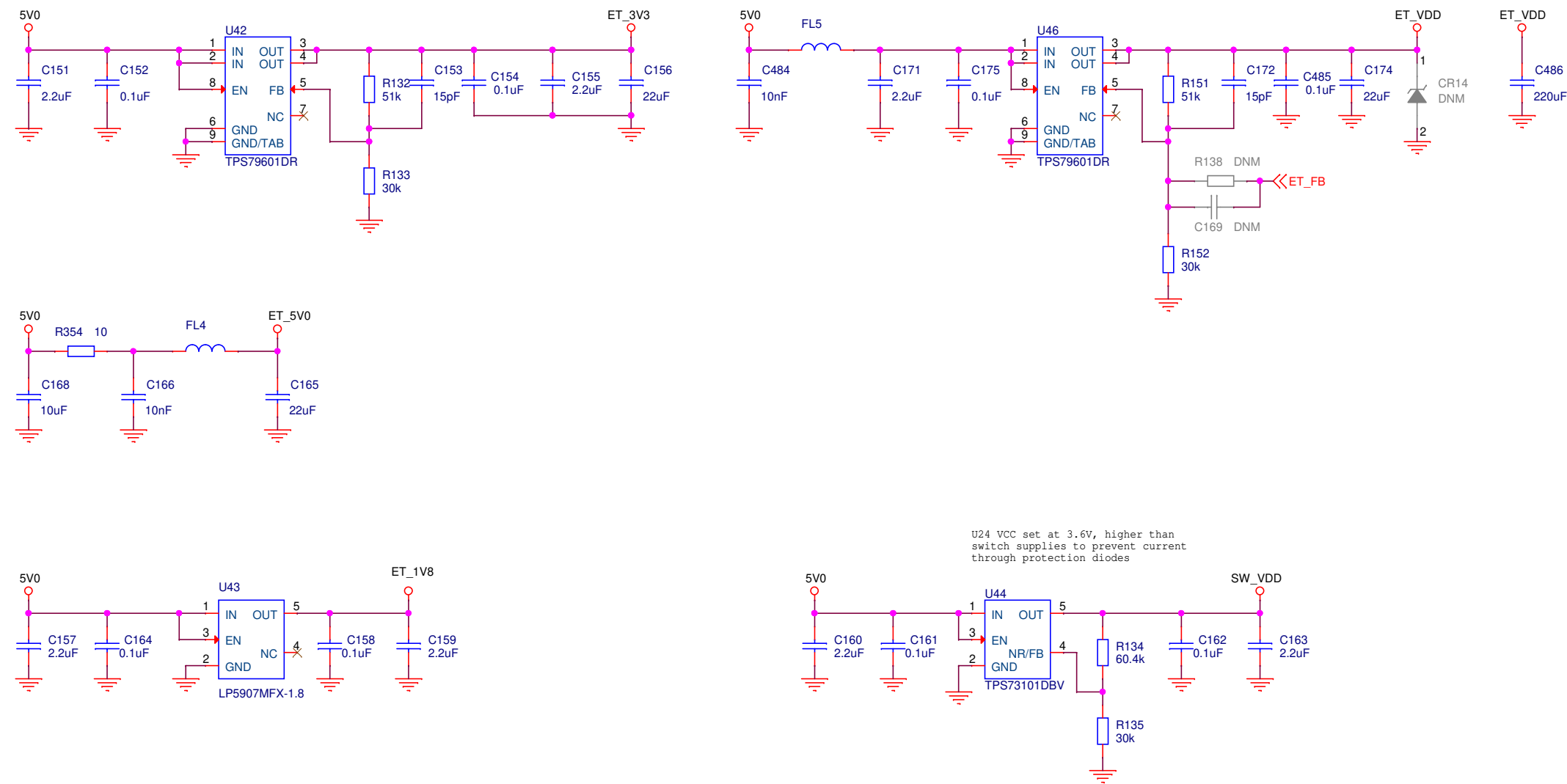



Calibration



Title: LAUNCHXL-CG26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO		
Checked: NN		
Size: A3	Rev: B	Sheet: 5 of 7
Date: Thursday, October 04, 2018		

EnergyTrace Power Supply



Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO		
Checked: NN		
Size: A3	Rev: B	Sheet: 6 of 7
Date: Thursday, October 04, 2018		

Mechanical

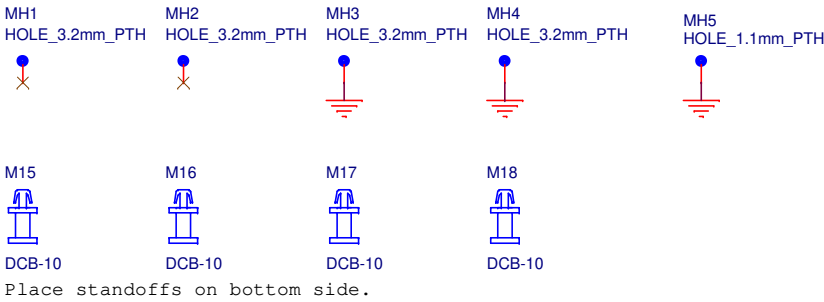
Jumpers

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

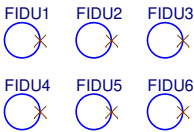
PCB



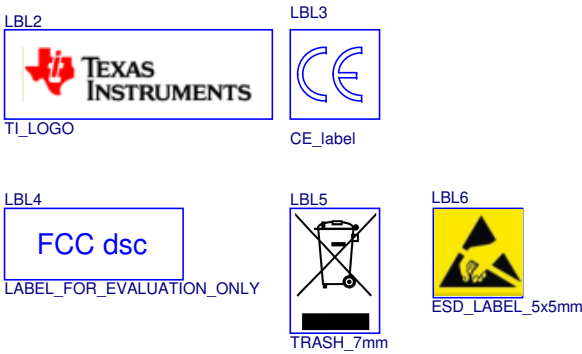
Mounting Holes



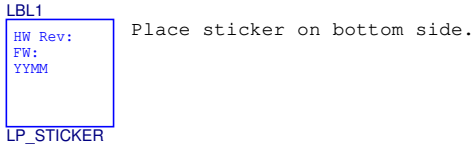
Fiducials




Labels



Stickers



Title: LAUNCHXL-CC26X2R1		 TEXAS INSTRUMENTS
Drawn: SJO		
Checked: NN		
Size: A3	Rev: B	Sheet: 7 of 7
Date: Thursday, October 04, 2018		