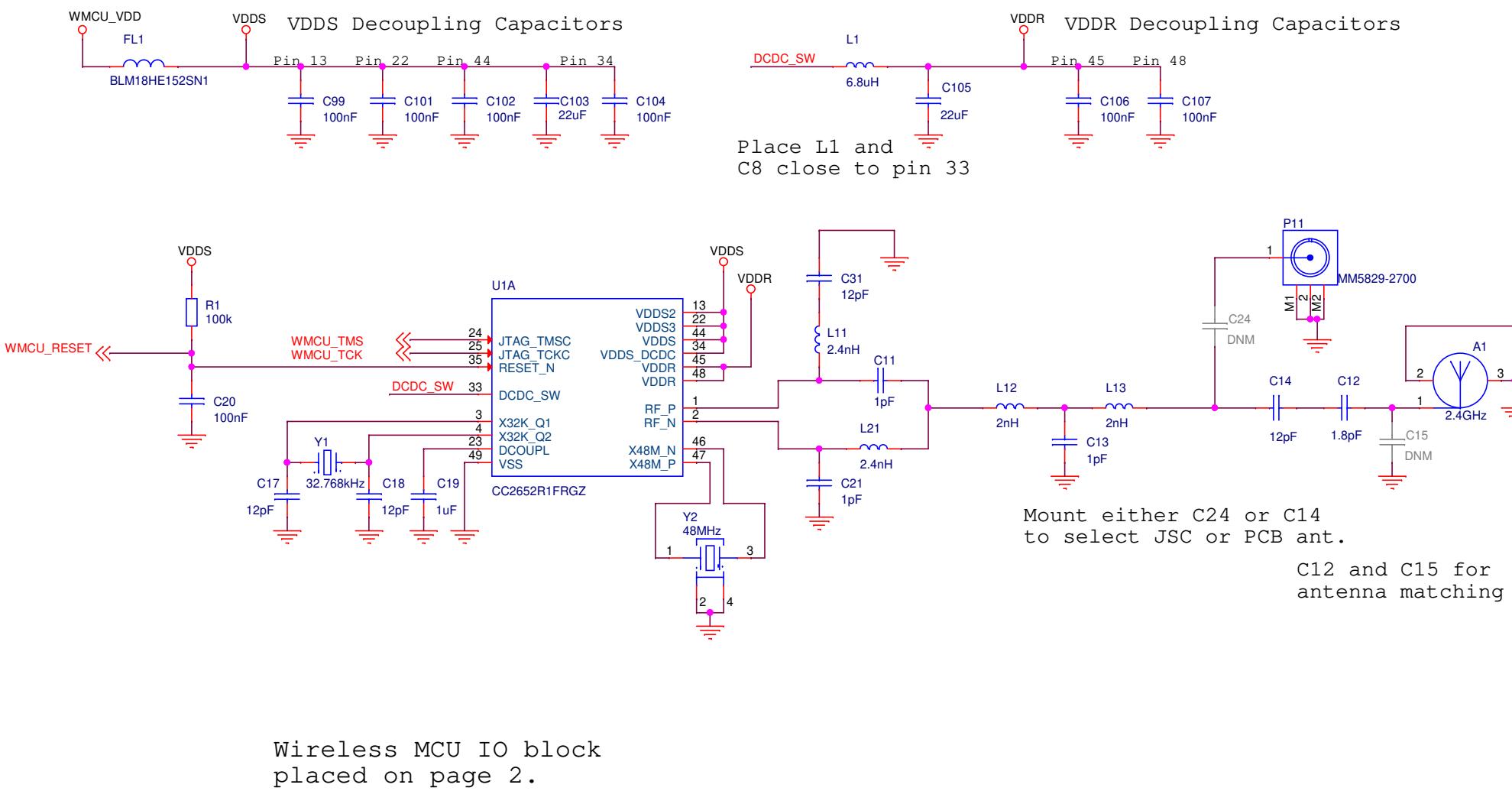


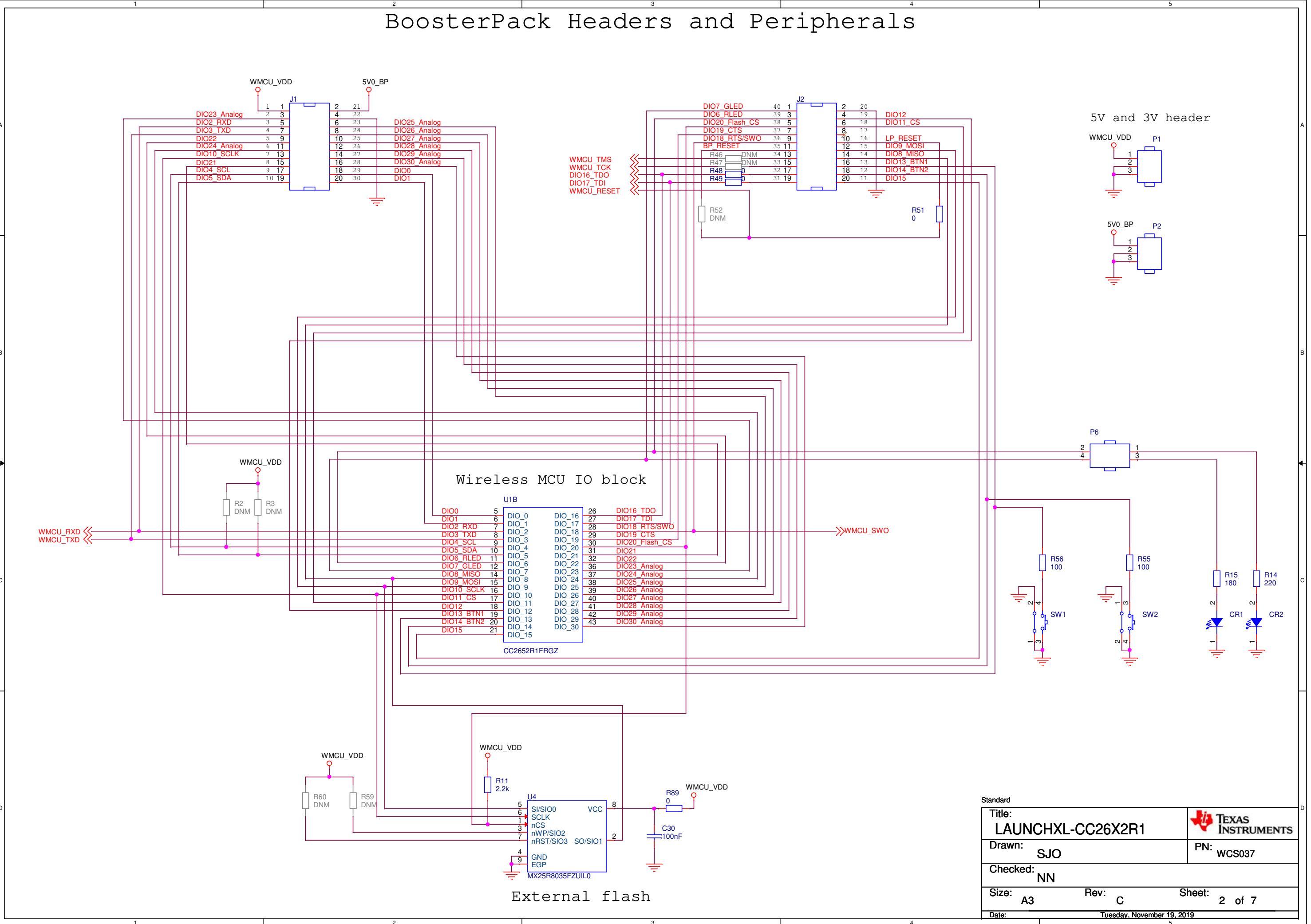
Wireless MCU RF



Standard

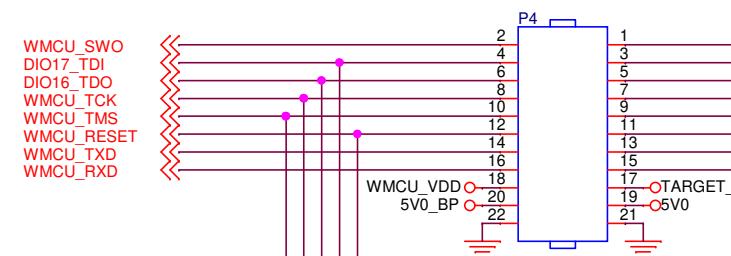
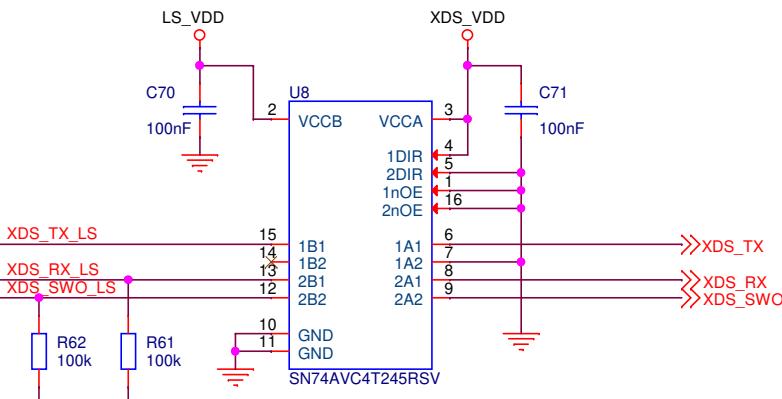
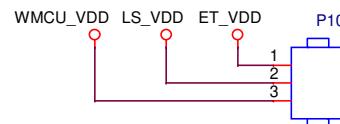
Title: LAUNCHXL-CC26X2R1		TEXAS INSTRUMENTS
Drawn: SJO	PN: WCS037	
Checked: NN		
Size: A3	Rev: C	Sheet: 1 of 7
Date: Tuesday, November 19, 2019		

BoosterPack Headers and Peripherals

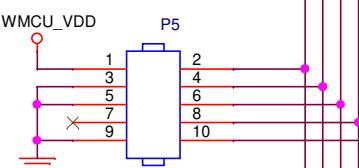


XDS110 Debugger Interface

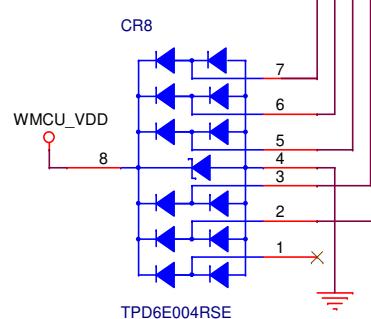
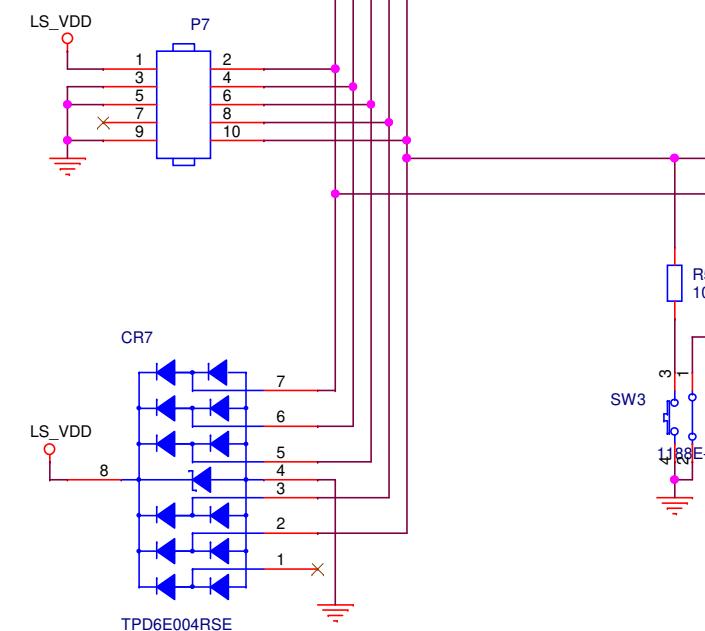
P10 selects the voltage source for the level shifters
 When powering the wireless MCU from the XDS supply, connect jumper between pins 1 and 2.
 When powering the wireless MCU from the external supply, connect jumper between pins 2 and 3.



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)

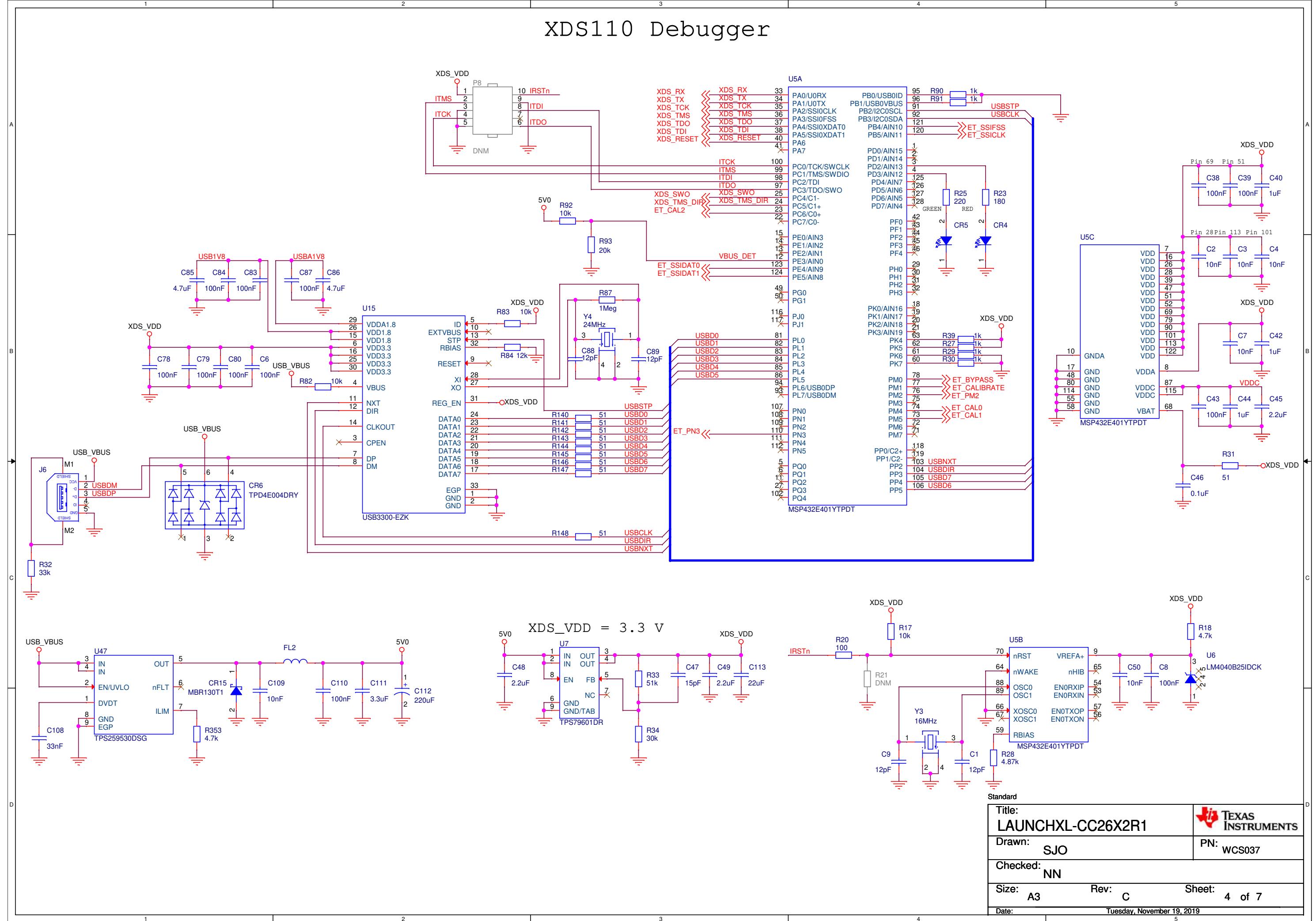


XDS-RST = 0 → output = 0
 XDS-RST = 1 → output = Hi-Z
 DIR = H: A → B
 DIR = L: B → A
 OE = H: output = Hi-Z

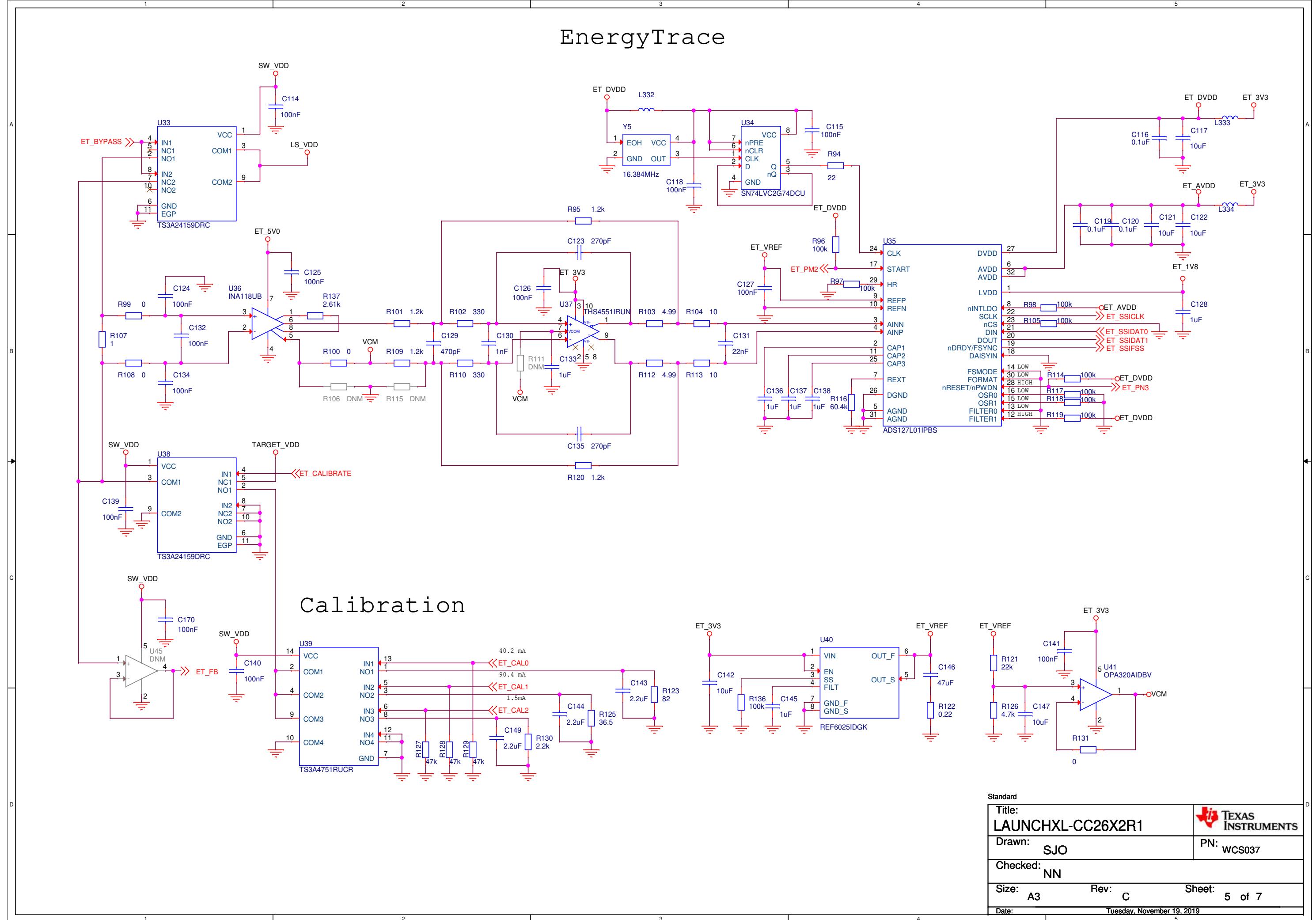
TMS signal is bidirectional.
 TMS_DIR used to control direction of level shifter

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

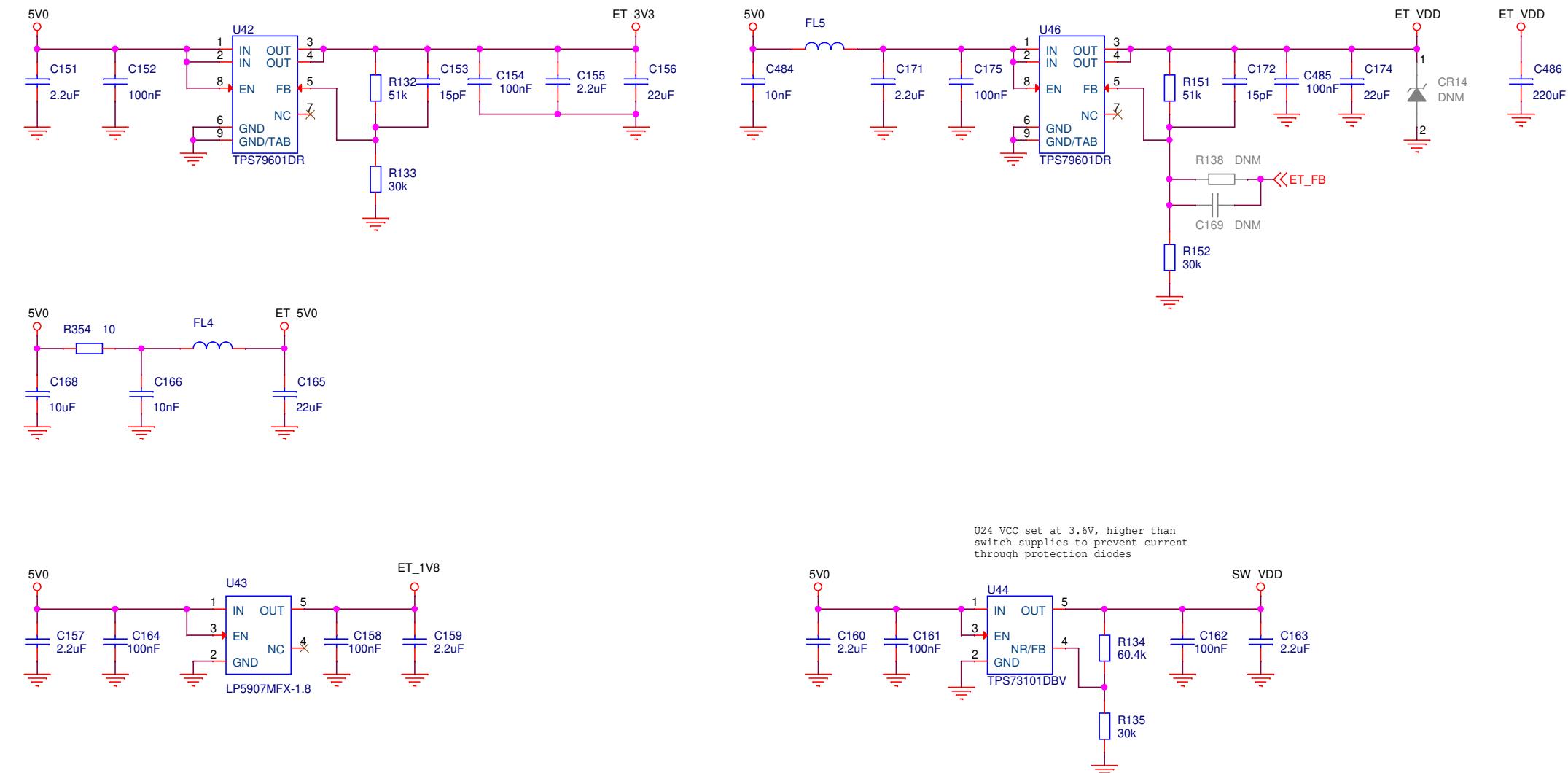
XDS110 Debugger



EnergyTrace



EnergyTrace Power Supply



U24 VCC set at 3.6V, higher than switch supplies to prevent current through protection diodes

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

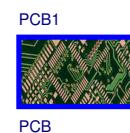
Jumpers

P6: M1 M2

P4: M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13

P10: M14

PCB



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

DCB-10

M16

DCB-10

M17

DCB-10

M18

DCB-10

Place standoffs on bottom side.

Fiducials

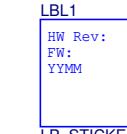
FIDU1 FIDU2 FIDU3

FIDU4 FIDU5 FIDU6

Labels



Stickers



Place sticker on bottom side.

Standard

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