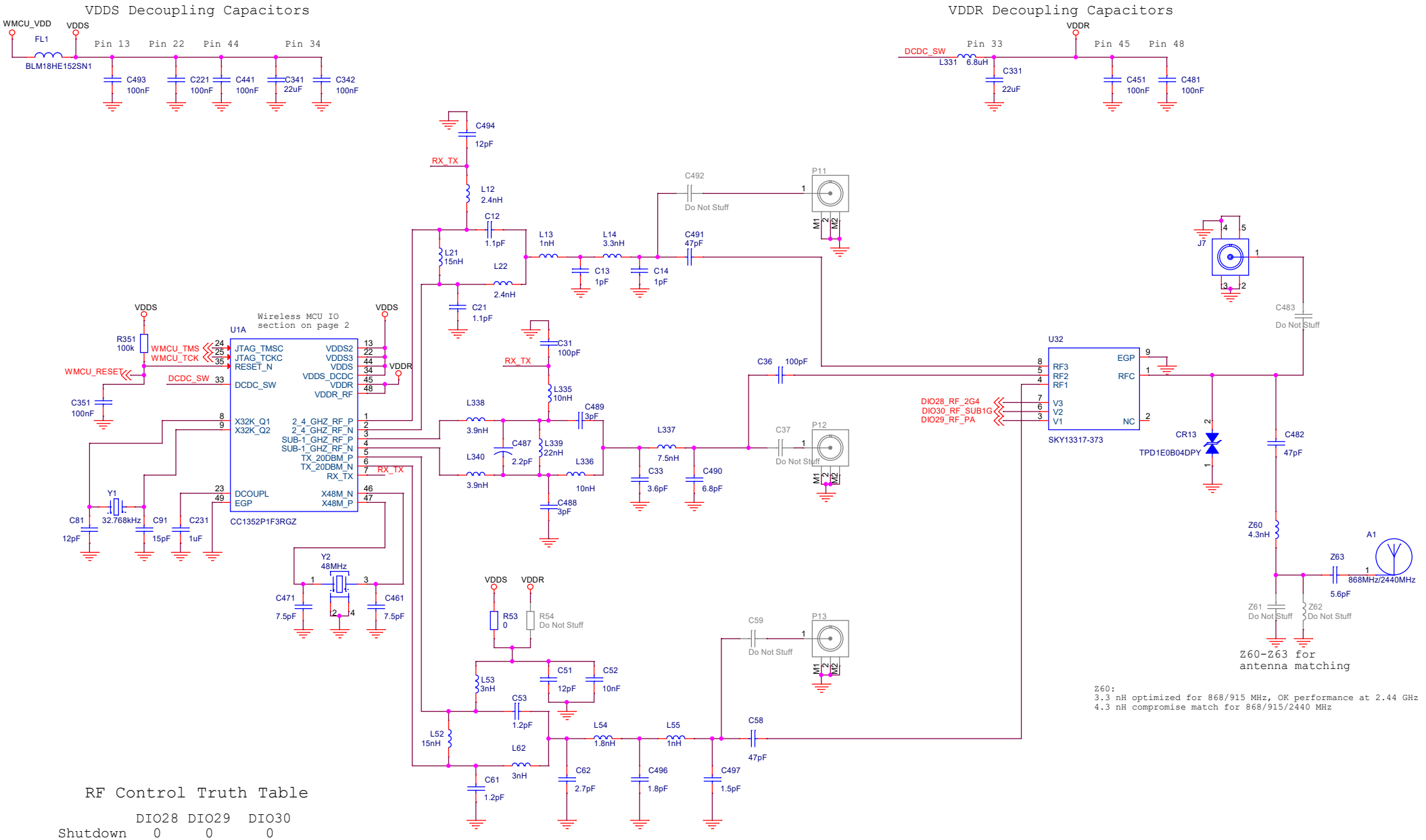
Wireless MCU RF

Wireless MCU IO block placed on page 2.



RF Control Truth Table

	DIO28	DIO29	DIO30
Shutdown	0	0	0
Sub 1 GHz	0	0	1
20 dBm PA	0	1	0
2.4 GHz	1	0	0

High Power BOM for 2.4 GHz

Title:	LAUNCHXL-CC1352P-2
Drawn:	RGW
Checked:	
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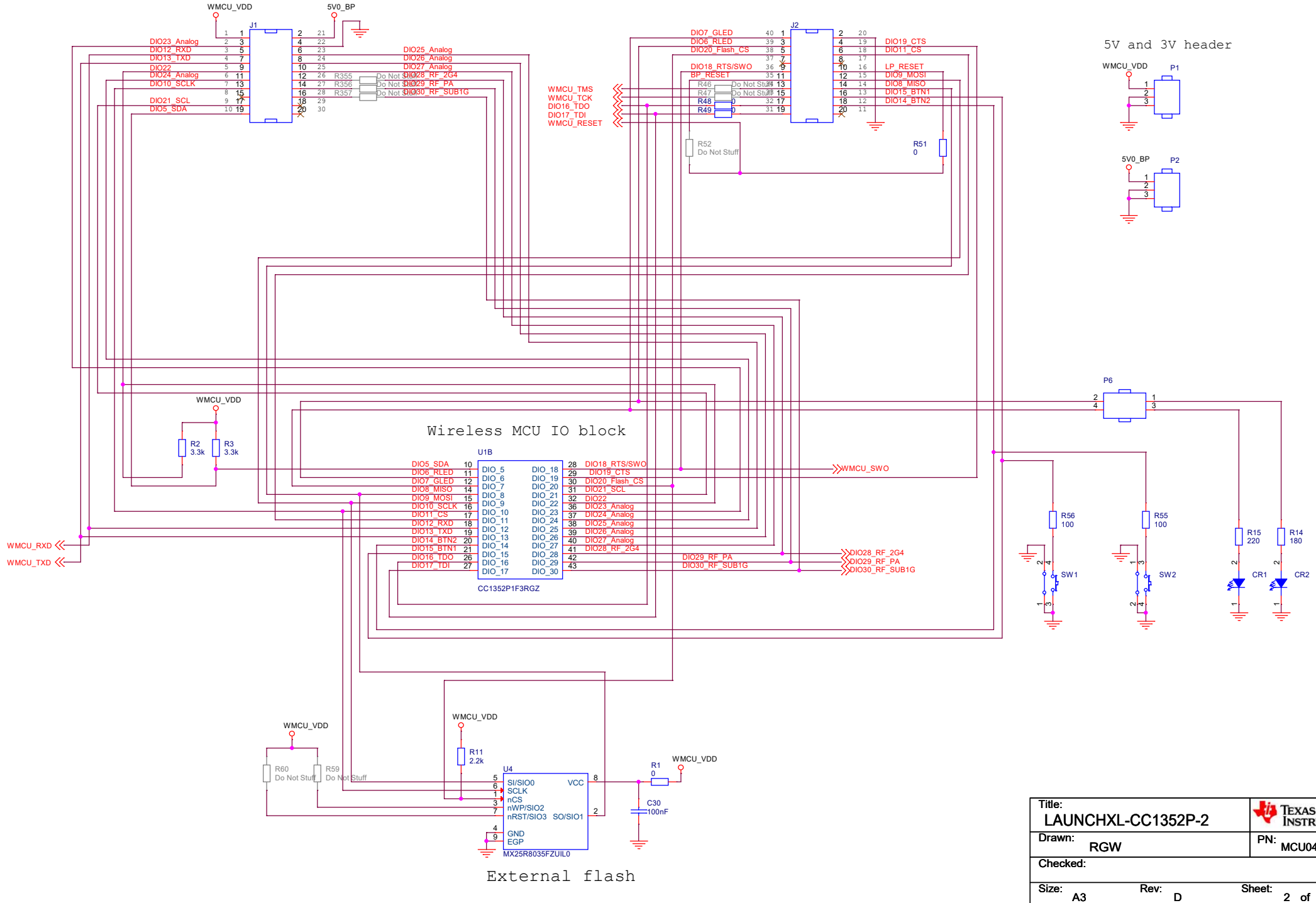
BoosterPack Headers and Peripherals



Title: LAUNCHXL-CC1352P-2		Texas Instruments
Drawn: RGW		PN: MCU049B
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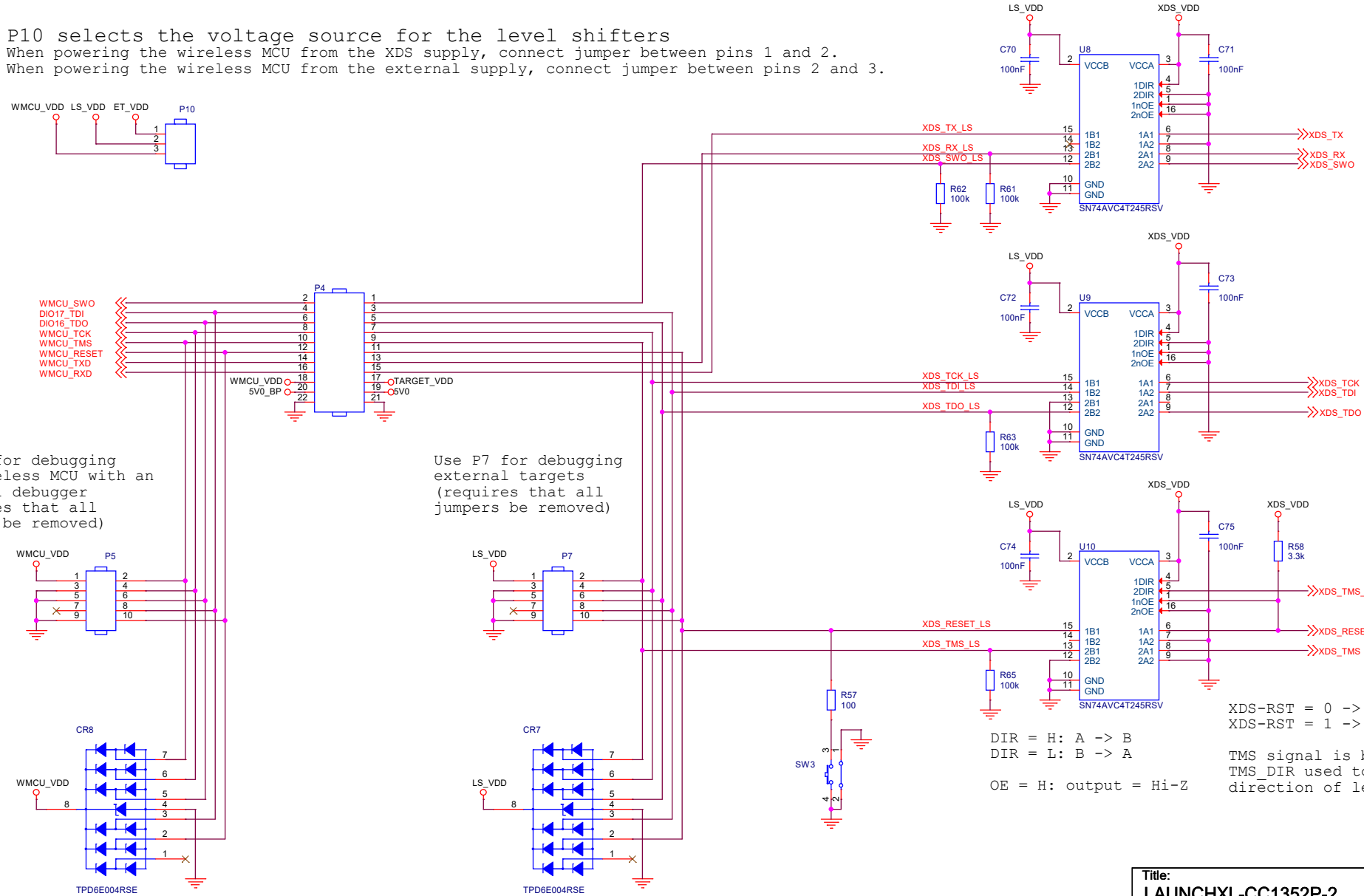
XDS110 Debugger Interface

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.



Title: LAUNCHXL-CC1352P-2		Texas Instruments
Drawn: RGW		PN: MCU049B
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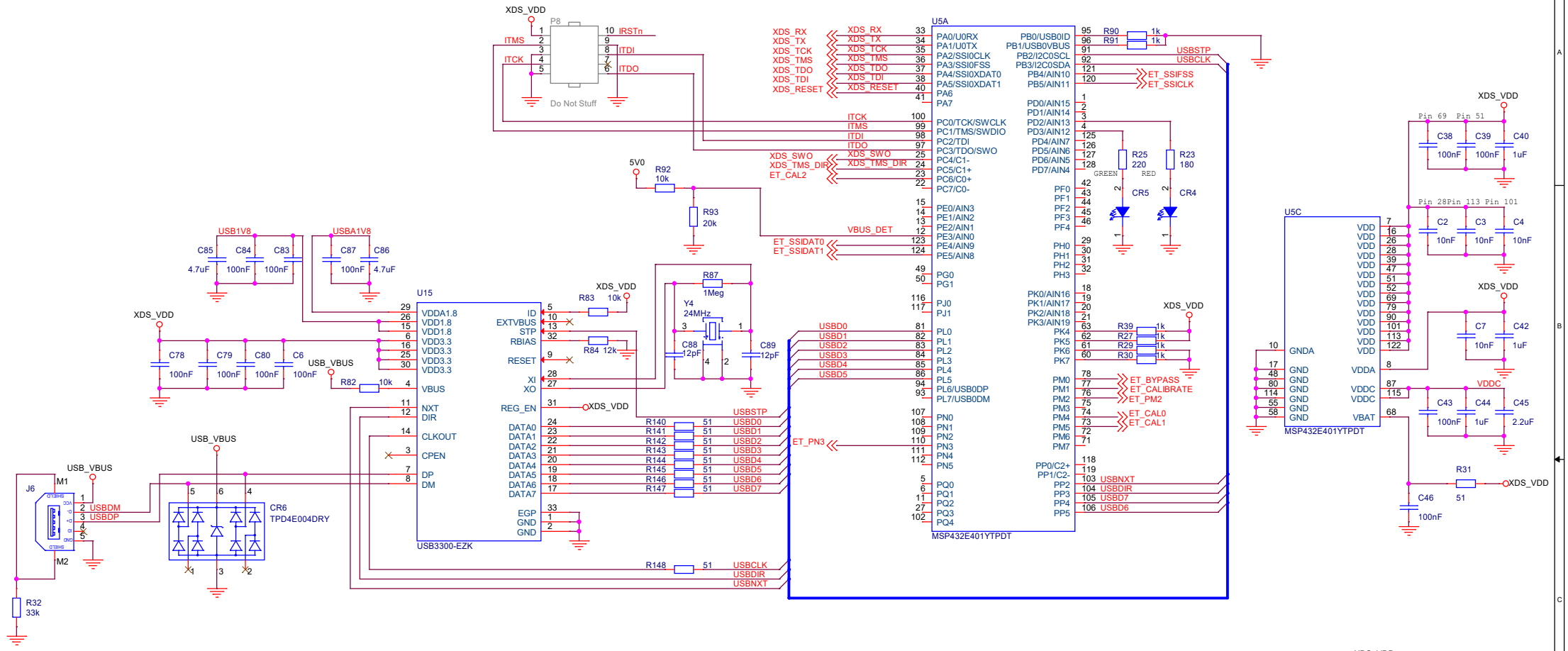
XDS110 Debugger



Title: LAUNCHXL-CC1352P-2		Texas Instruments
Drawn: RGW		PN: MCU049B
Checked:		
Size: A3	Rev: D	Sheet: 4 of 7
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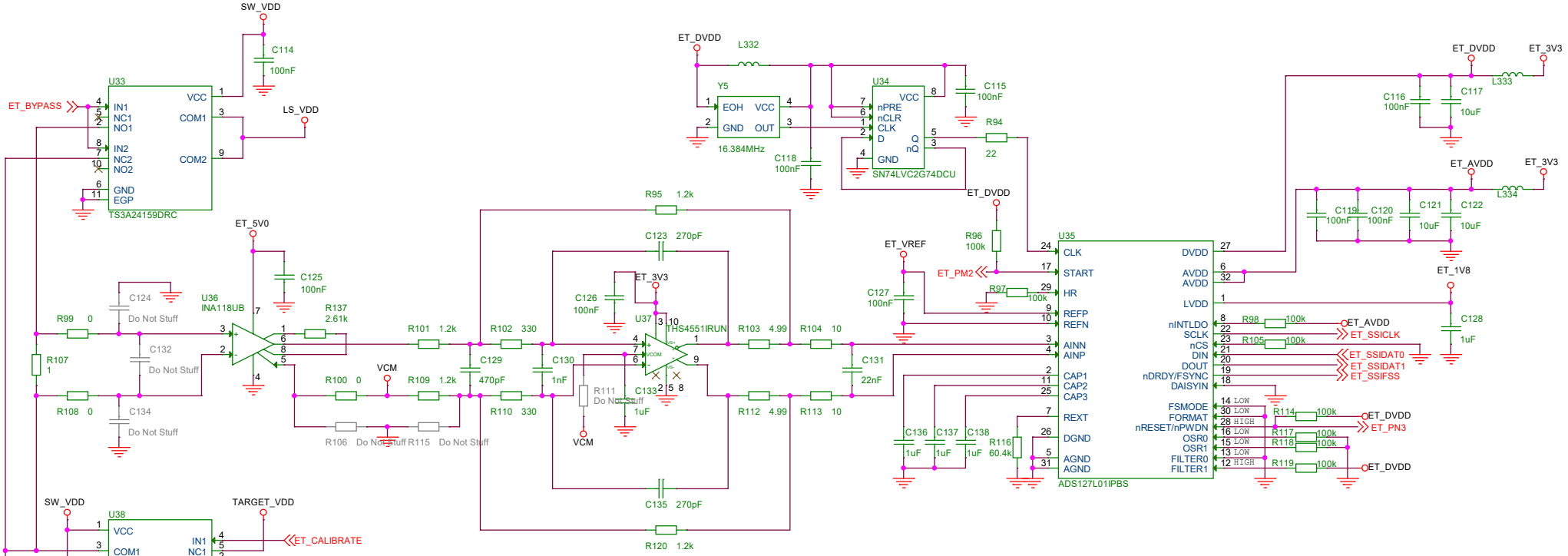
EnergyTrace



Title: LAUNCHXL-CC1352P-2		Texas Instruments
Drawn: RGW		PN: MCU049B
Checked:		
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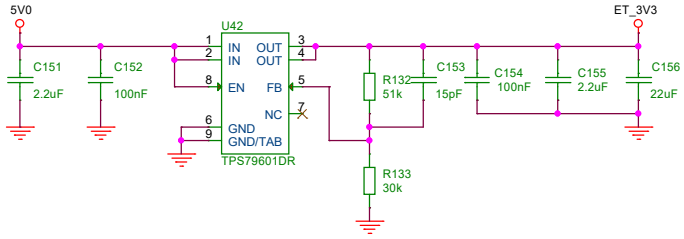
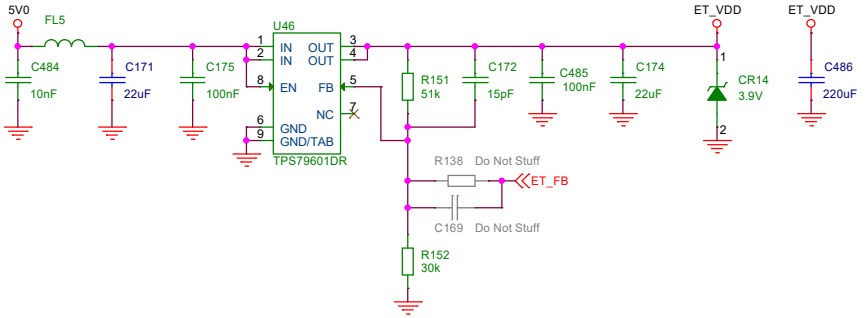
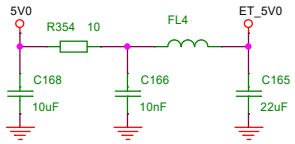
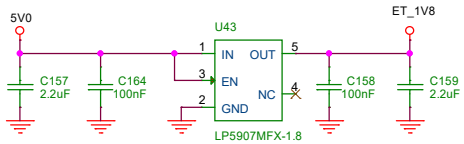
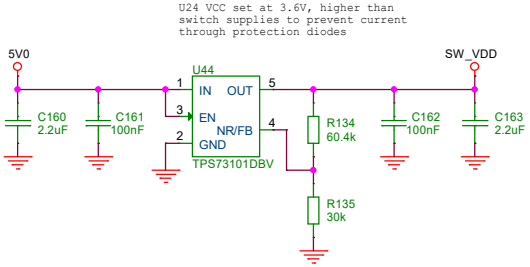
EnergyTrace Power Supply











Title: LAUNCHXL-CC1352P-2		Texas Instruments
Drawn: RGW		PN: MCU049B
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Size: A3	Rev: D	Sheet: 6 of 7
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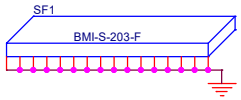
Mechanical

Jumpers

P6: M1 M2

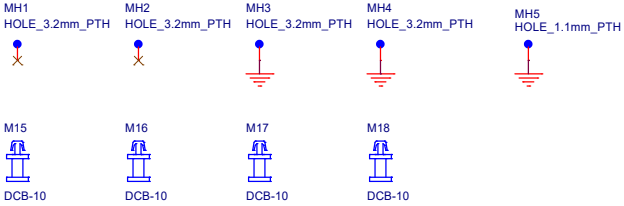
P4: M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13

P10: M14

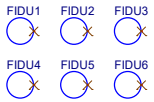


PCB

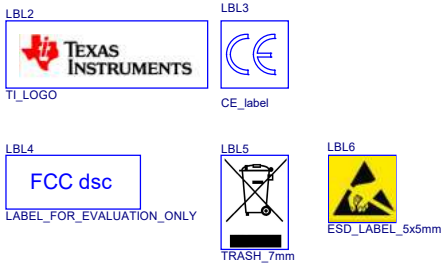
Mounting Holes



Fiducials



Labels



Stickers

Place sticker on bottom side.

Title: LAUNCHXL-CC1352P-2		TEXAS INSTRUMENTS
Drawn: RGW		PN: MCU049B
Checked:		
Size: A3	Rev: D	Sheet: 7 of 7
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