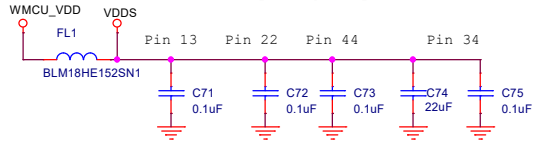


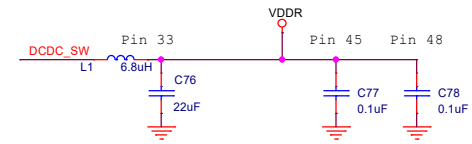
Wireless MCU RF

Wireless MCU IO block placed on page 2.

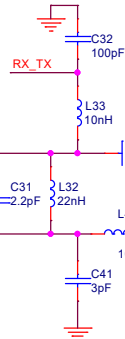
VDDS Decoupling Capacitors



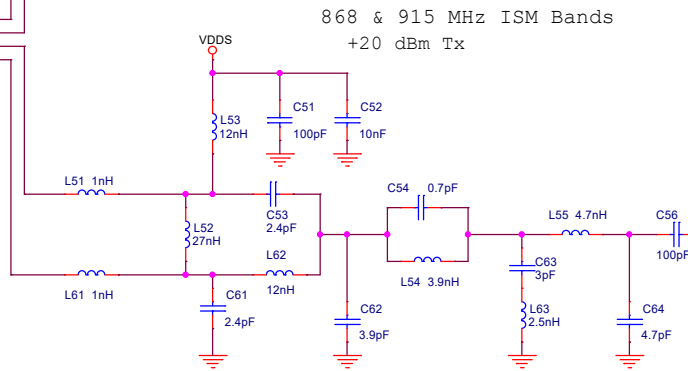
VDDR Decoupling Capacitors



868 & 915 MHz ISM Bands +14 dBm Tx and Rx

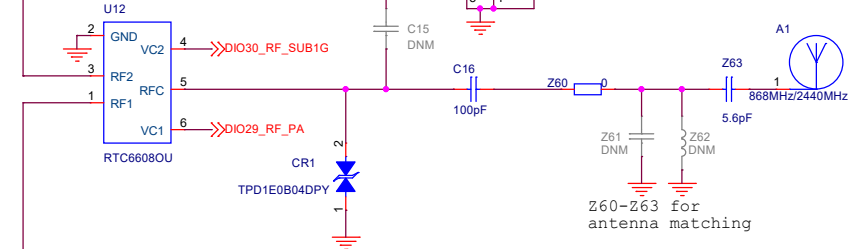


868 & 915 MHz ISM Bands +20 dBm Tx



RF Control Truth Table

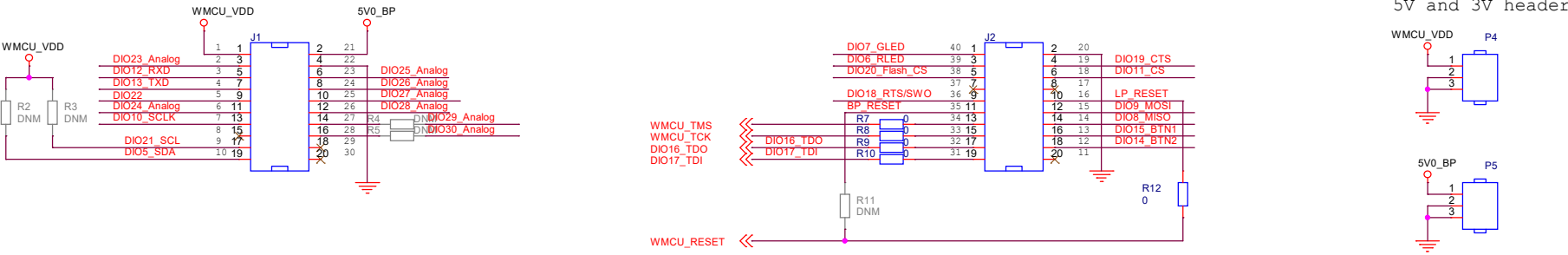
	DIO29	DIO30
Shutdown	0	0
14 dBm TX/RX	1	0
20 dBm PA	0	1



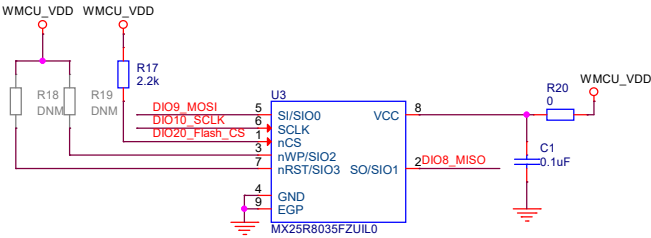
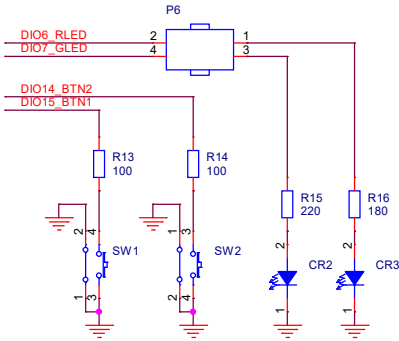
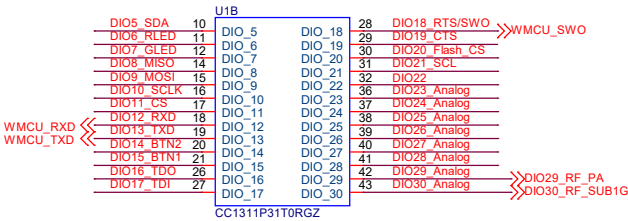
Standard

Title: LP-CC1311P3	TEXAS INSTRUMENTS
Drawn: RGW	PN: MCU084
Checked:	
Size: A3	Rev: A
Date:	Sheet: 1 of 5
	Thursday, November 18, 2021

BoosterPack Headers and Peripherals



Wireless MCU IO block

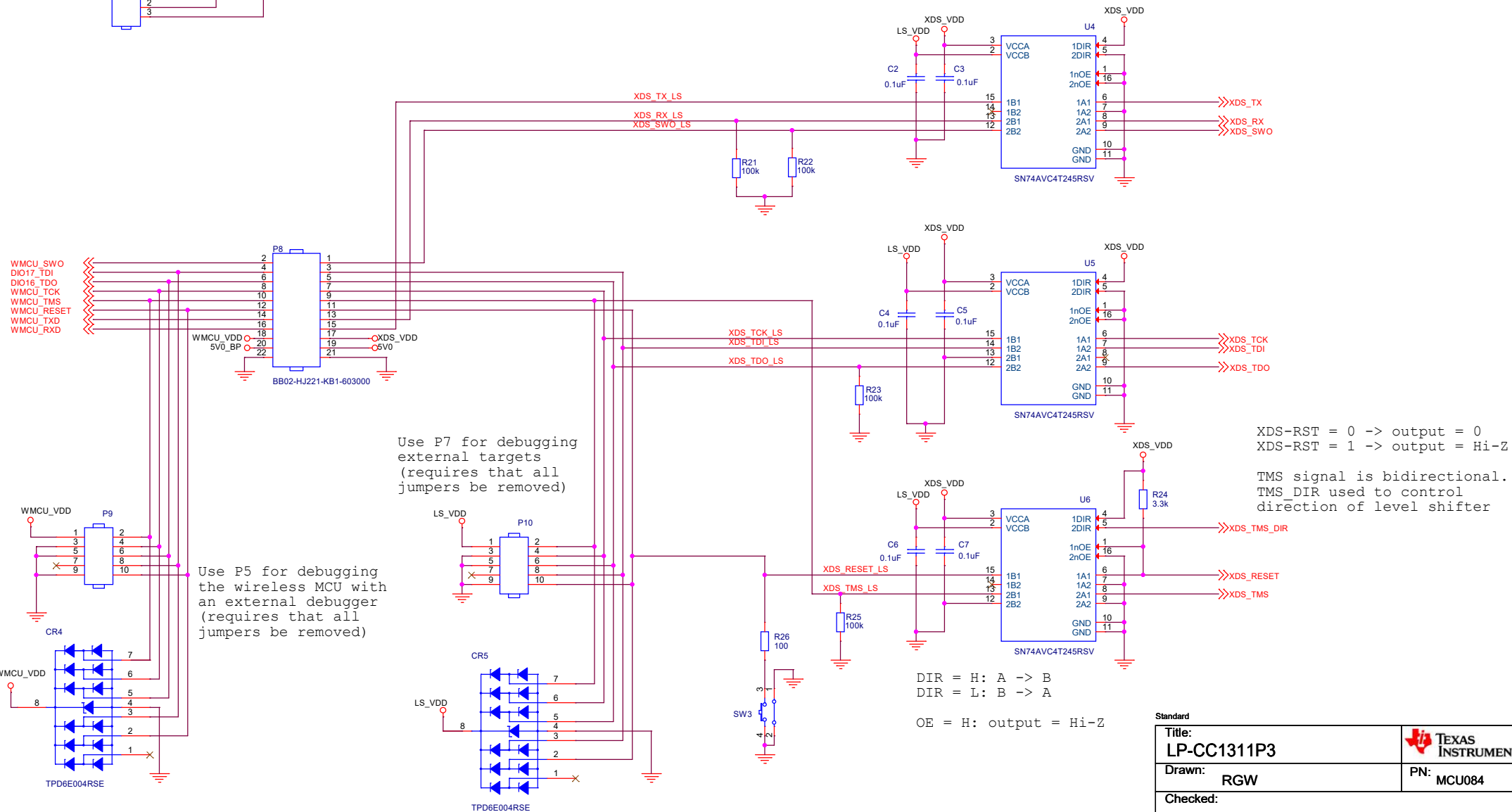
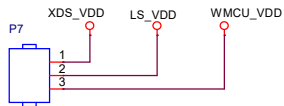


External flash


Standard	
Title: LP-CC1311P3	TEXAS INSTRUMENTS
Drawn: RGW	PN: MCU084
Checked:	
Size: A3	Rev: A
Sheet: 2 of 5	
Date: Thursday, November 18, 2021	

XDS110 Debugger Interface

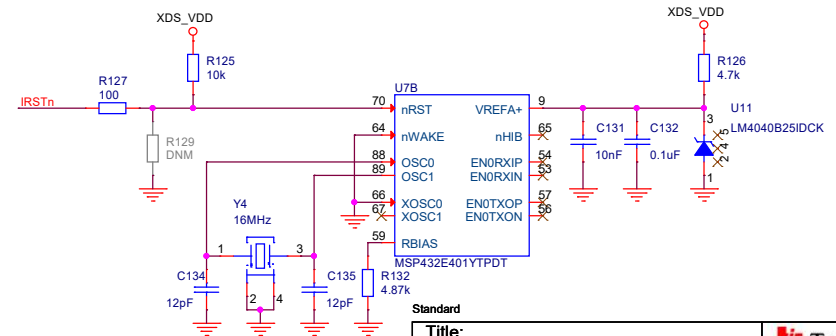
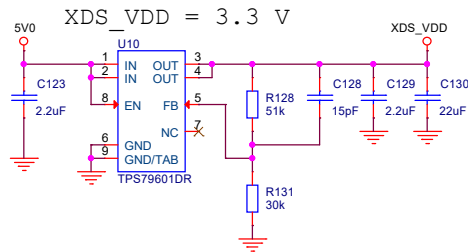
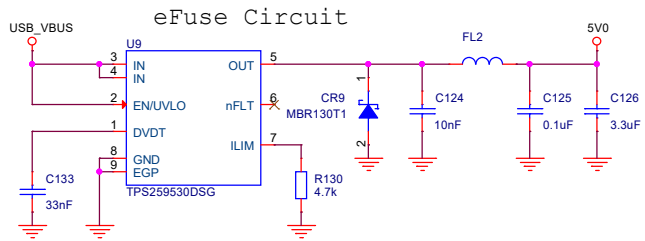
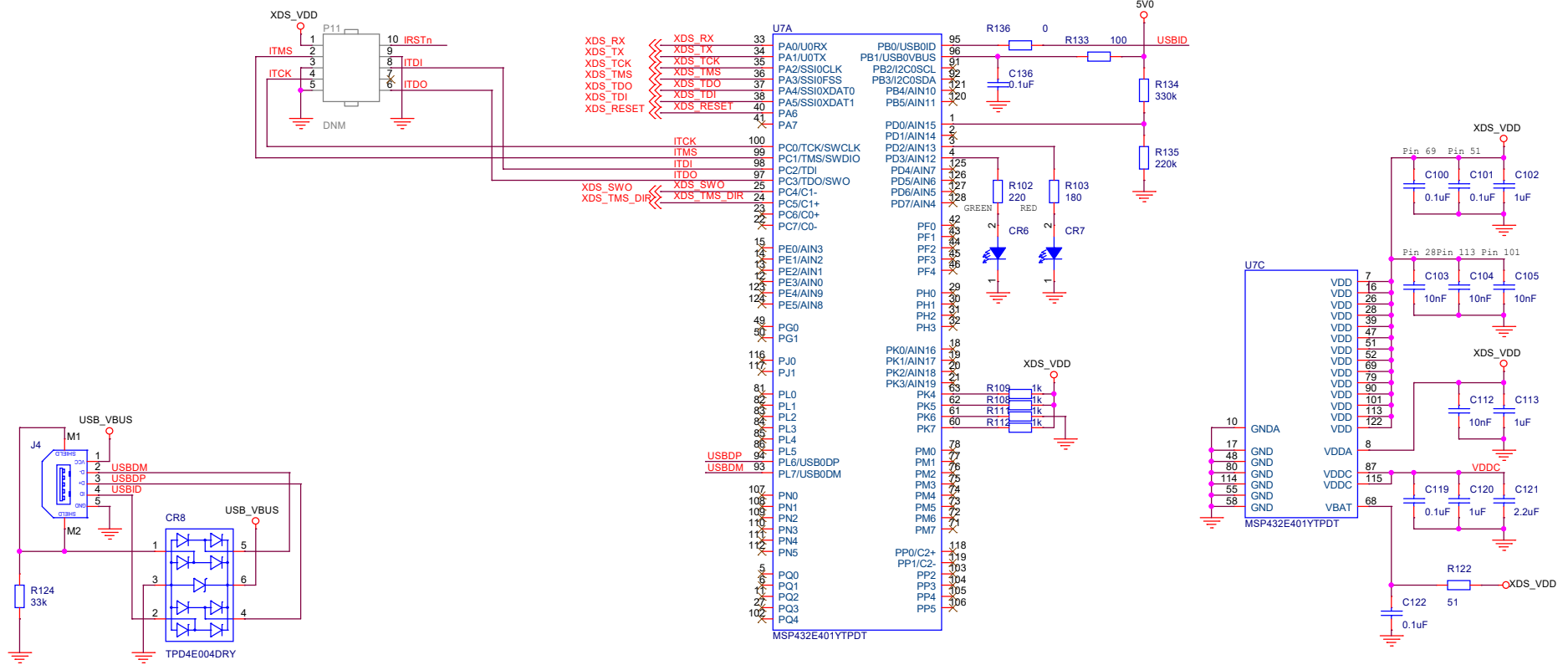
P10 selects the voltage source for the level shifters
When powering the wireless MCU from the XDS supply, connect jumper between pins 1 and 2.
When powering the wireless MCU from an external supply, connect jumper between pins 2 and 3.




Standard

Title: LP-CC1311P3	 TEXAS INSTRUMENTS	
Drawn: RGW	PN: MCU084	
Checked:		
Size: A3	Rev: A	Sheet: 3 of 5
Date: Thursday, November 18, 2021		

XDS110 Debugger



Standard			
Title: LP-CC1311P3		 TEXAS INSTRUMENTS	
Drawn: RGW		PN: MCU084	
Checked:			
Size: A3		Rev: A	
		Sheet: 4 of 5	
Date:		Thursday, November 18, 2021	

Mechanical

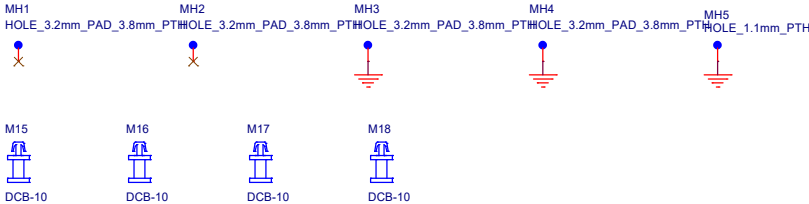
Jumpers

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

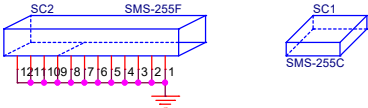
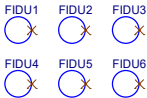
PCB



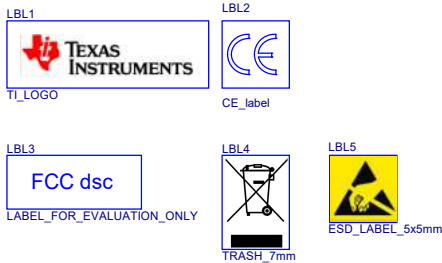
Mounting Holes



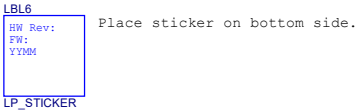
Fiducials



Labels



Stickers



Standard	
Title: LP-CC1311P3	TEXAS INSTRUMENTS
Drawn: RGW	PN: MCU084
Checked:	
Size: A3	Rev: A
Sheet: 5 of 5	
Date: Thursday, November 18, 2021	