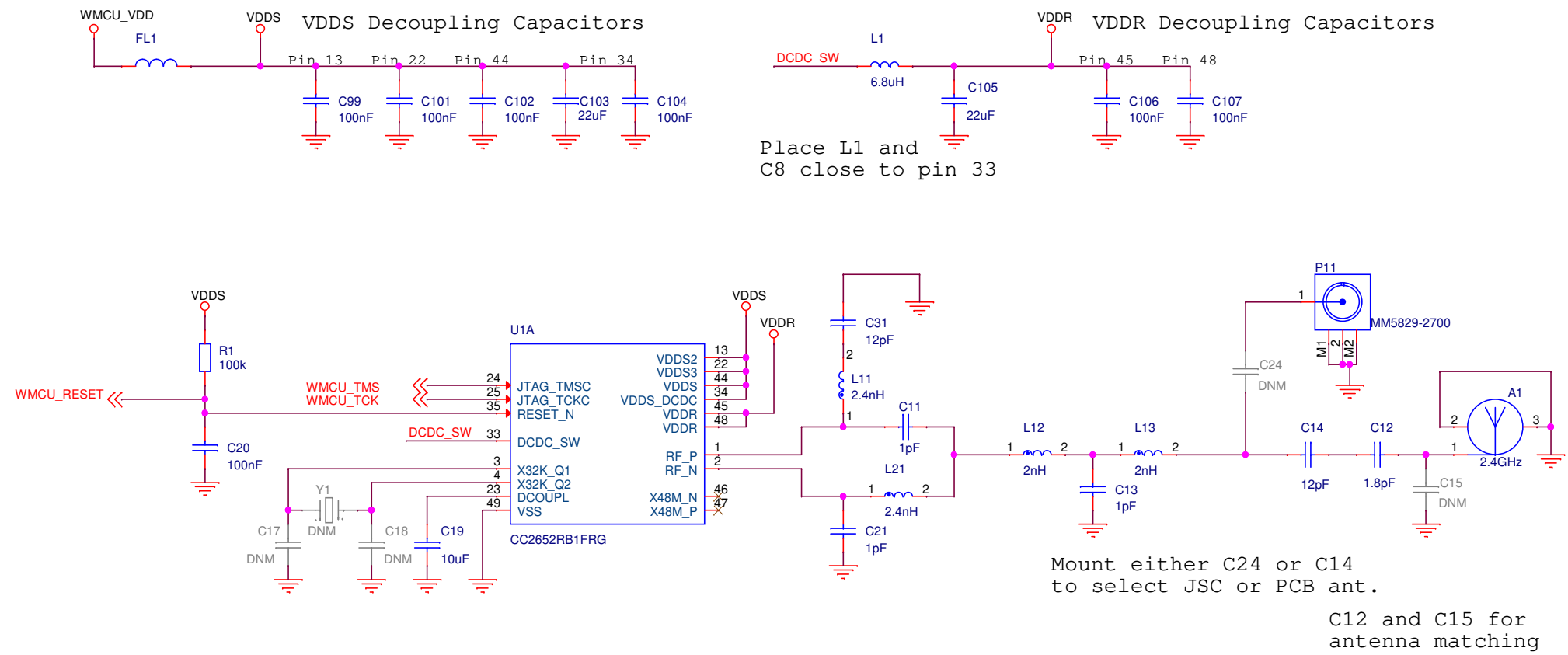


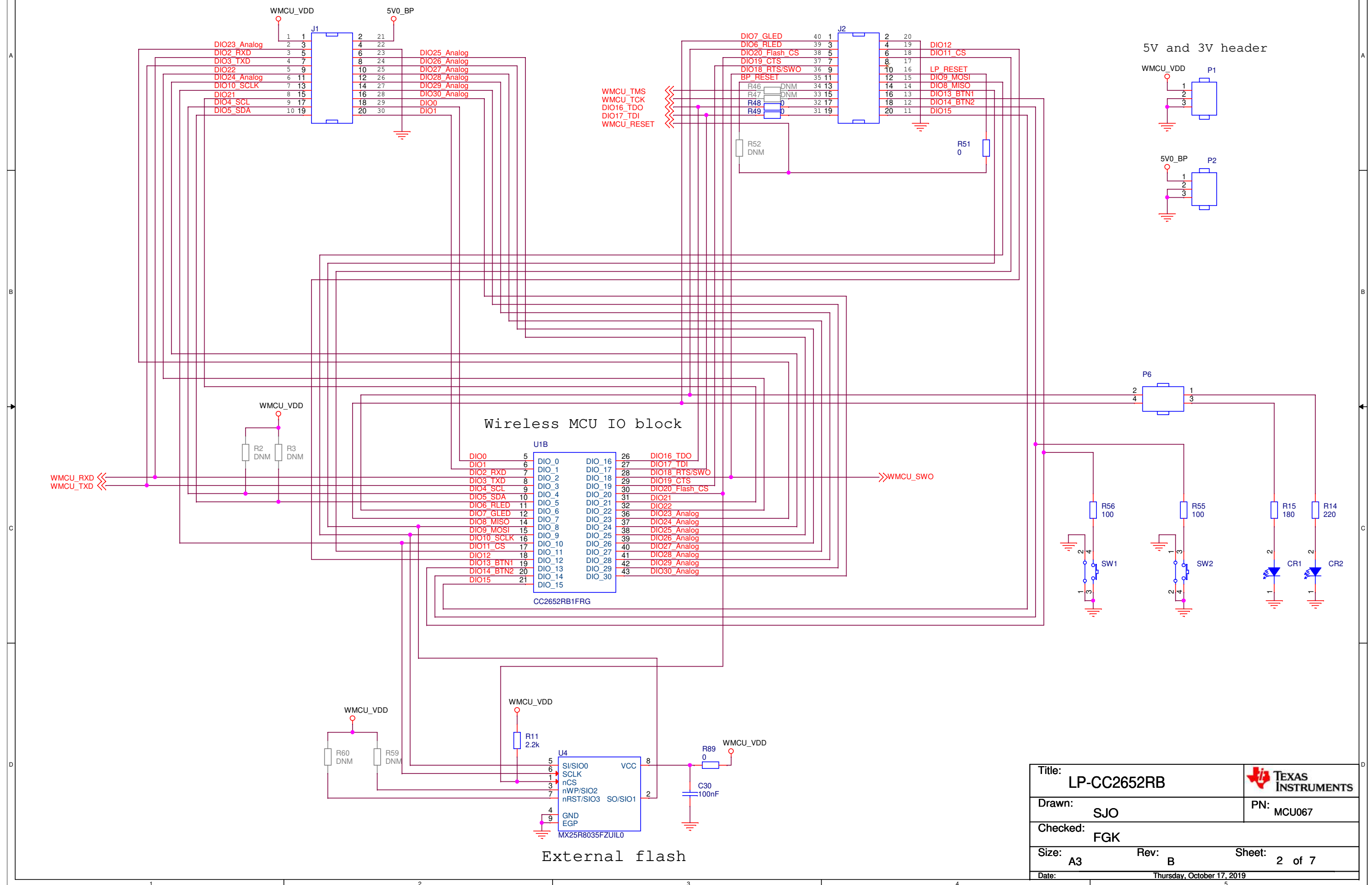
Wireless MCU RF



Wireless MCU IO block  
placed on page 2.

Title:	LP-CC2652RB	TEXAS INSTRUMENTS
Drawn:	SJO	PN: MCU067
Checked:	FGK	
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# BoosterPack Headers and Peripherals



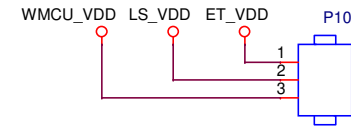
Title: LP-CC2652RB		TEXAS INSTRUMENTS	
Drawn: SJO		PN: MCU067	
Checked: FGK			
Size: A3	Rev: B	Sheet: 2	of 7
Date: Thursday, October 17, 2019			

# XDS110 Debugger Interface

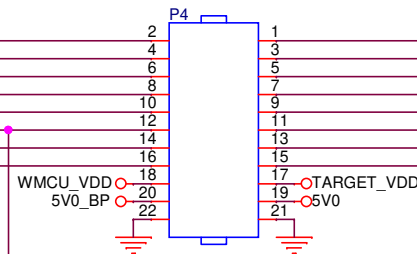
P10 selects the voltage source for the level shifters

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

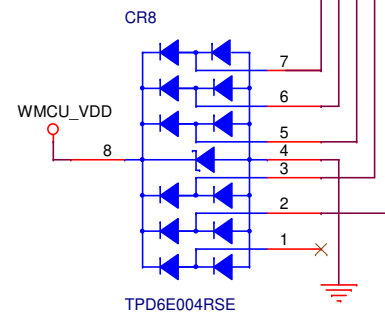
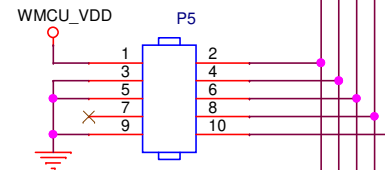
When powering the wireless MCU from the external supply, connect jumper between pins 2 and 3.



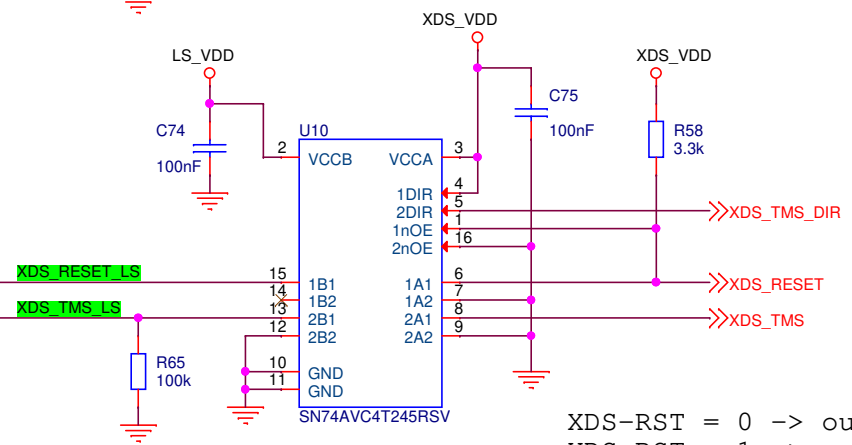
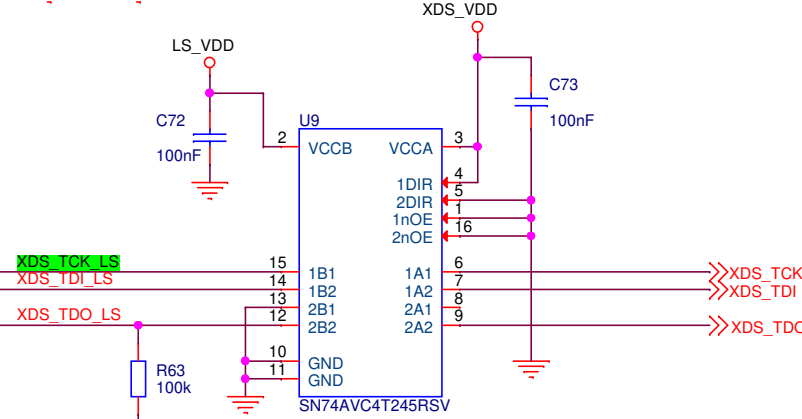
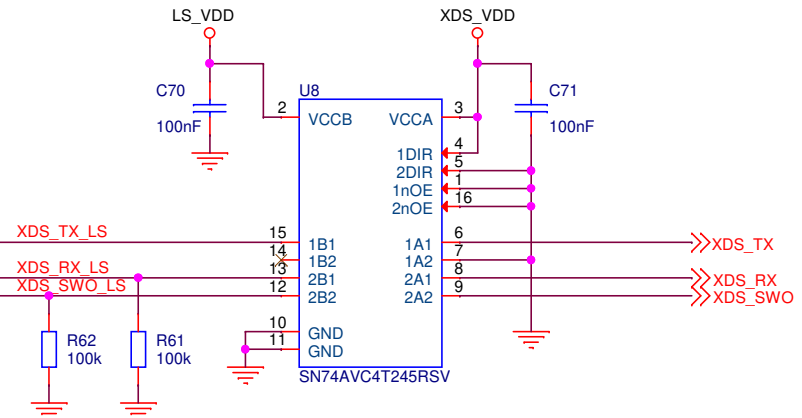
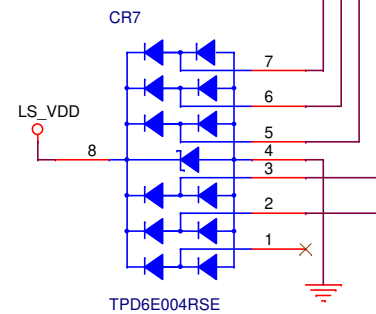
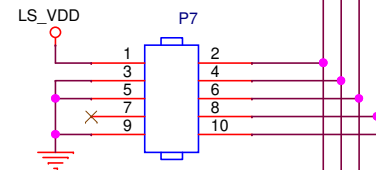
WMCU\_SWO  
DIO17\_TDI  
DIO16\_TDO  
WMCU\_TCK  
WMCU\_TMS  
WMCU\_RESET  
WMCU\_TXD  
WMCU\_RXD



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

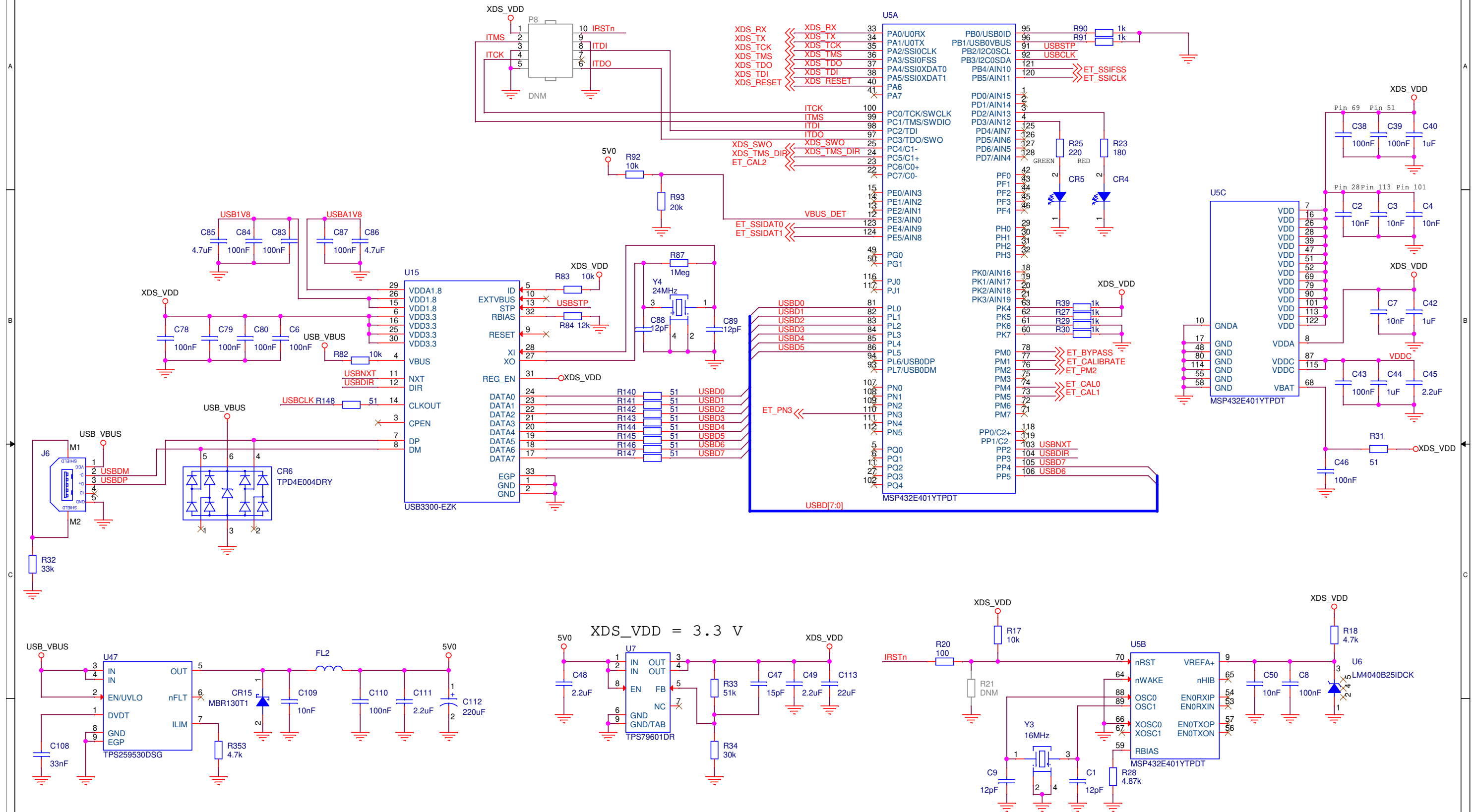
OE = H: output = Hi-Z


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

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

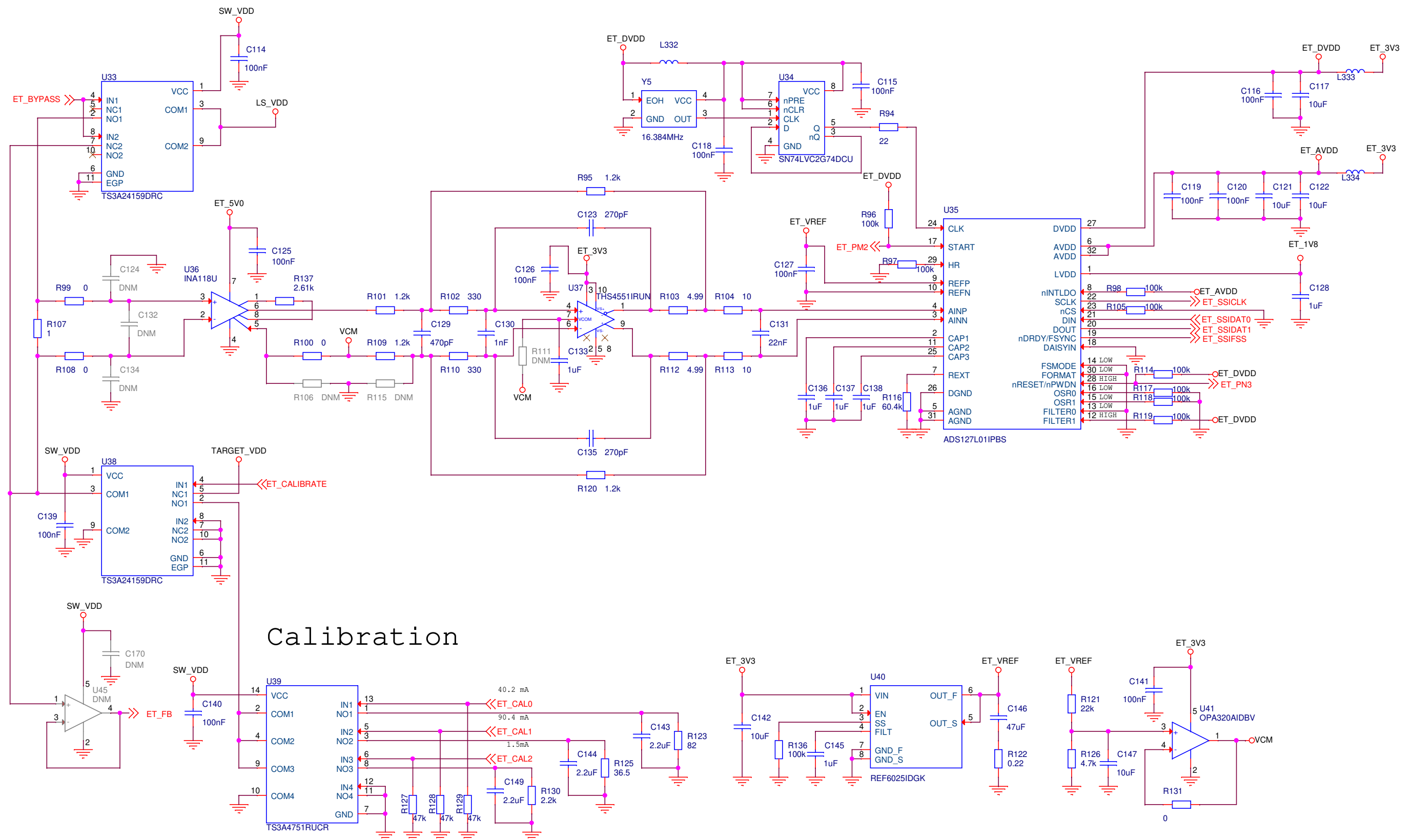
Title:	LP-CC2652RB	TEXAS INSTRUMENTS
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## XDS110 Debugger



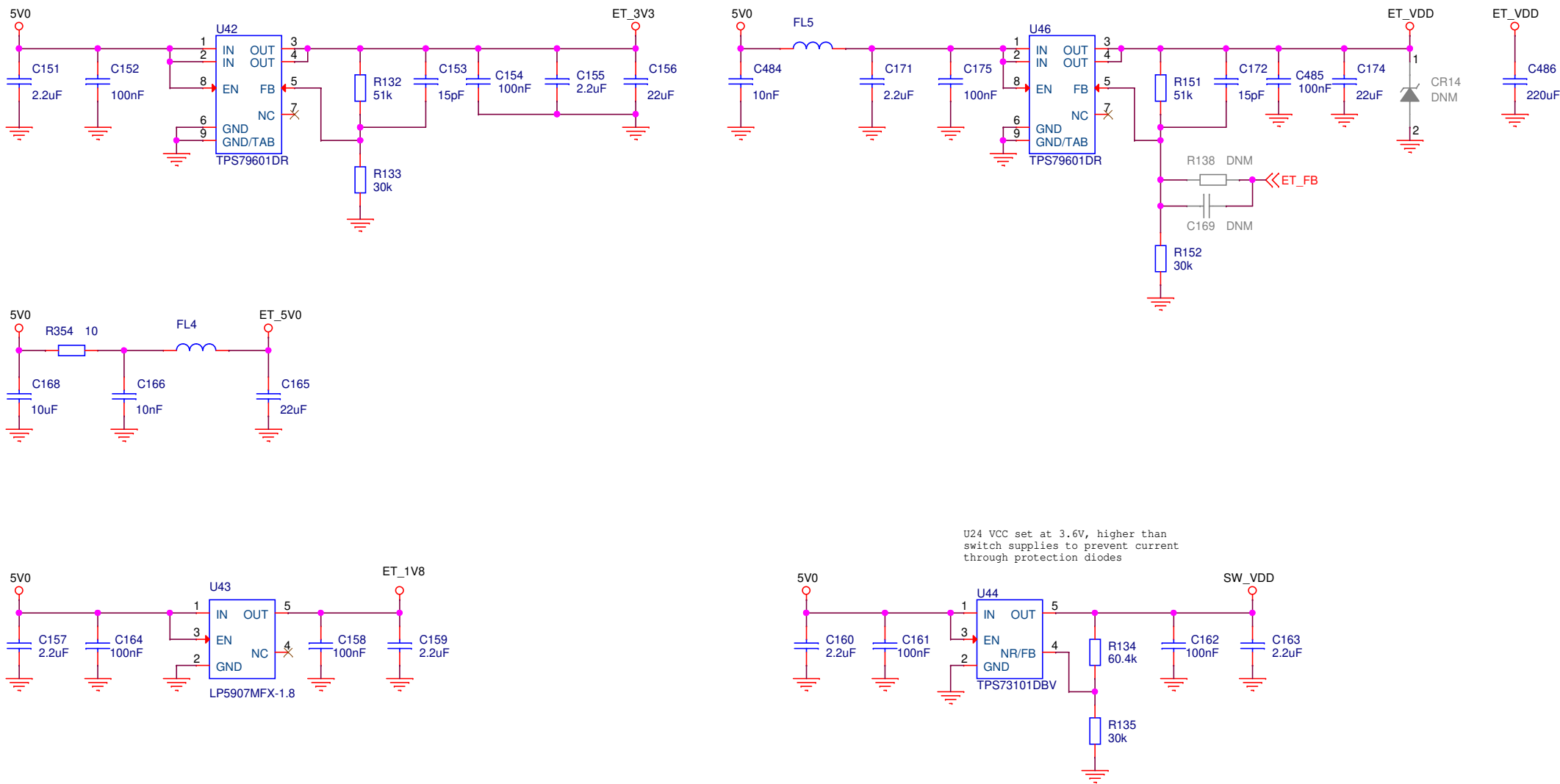
Title: <b>LP-CC2652RB</b>		 <b>TEXAS INSTRUMENTS</b>	
Drawn: <b>SJO</b>		PN: <b>MCU067</b>	
Checked: <b>FGK</b>			
Size: <b>A3</b>	Rev: <b>B</b>	Sheet: <b>4 of 7</b>	
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## EnergyTrace



Title: <b>LP-CC2652RB</b>		 <b>TEXAS INSTRUMENTS</b>	
Drawn: <b>SJO</b>		PN: <b>MCU067</b>	
Checked: <b>FGK</b>			
Size: <b>A3</b>	Rev: <b>B</b>	Sheet: <b>5 of 7</b>	
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EnergyTrace Power Supply



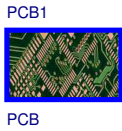
Title:	LP-CC2652RB	TEXAS INSTRUMENTS
Drawn:	SJO	PN: MCU067
Checked:	FGK	
Size:	A3	Rev: B Sheet: 6 of 7
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Mechanical

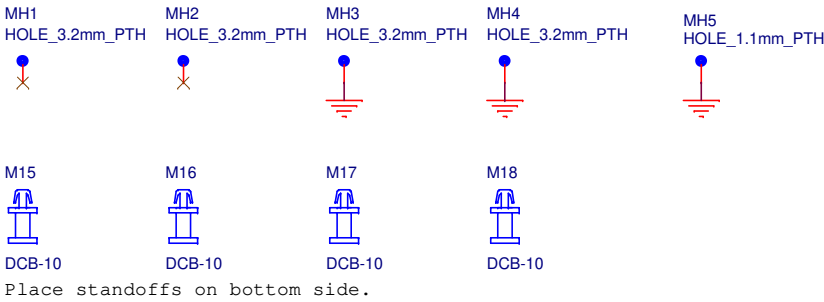
Jumpers

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

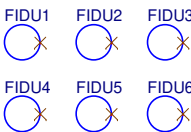
PCB



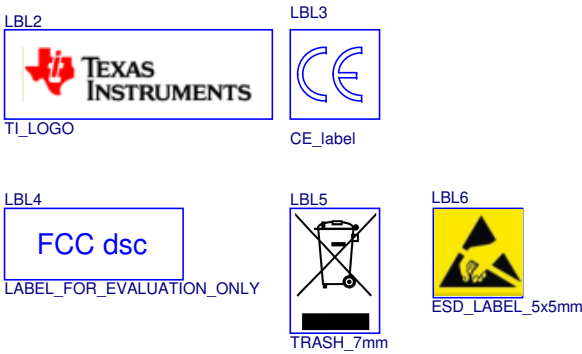
Mounting Holes



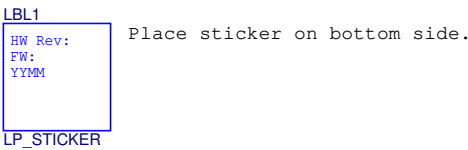
Fiducials




Labels



Stickers



Title: LP-CC2652RB		 TEXAS INSTRUMENTS
Drawn: SJO		
Checked: FGK		
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