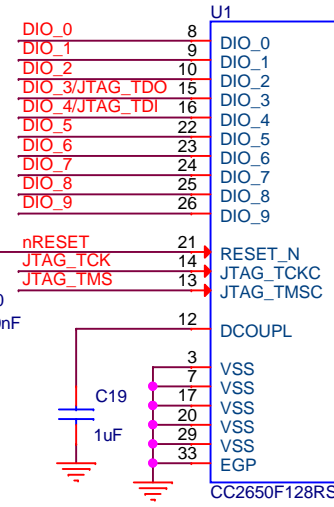


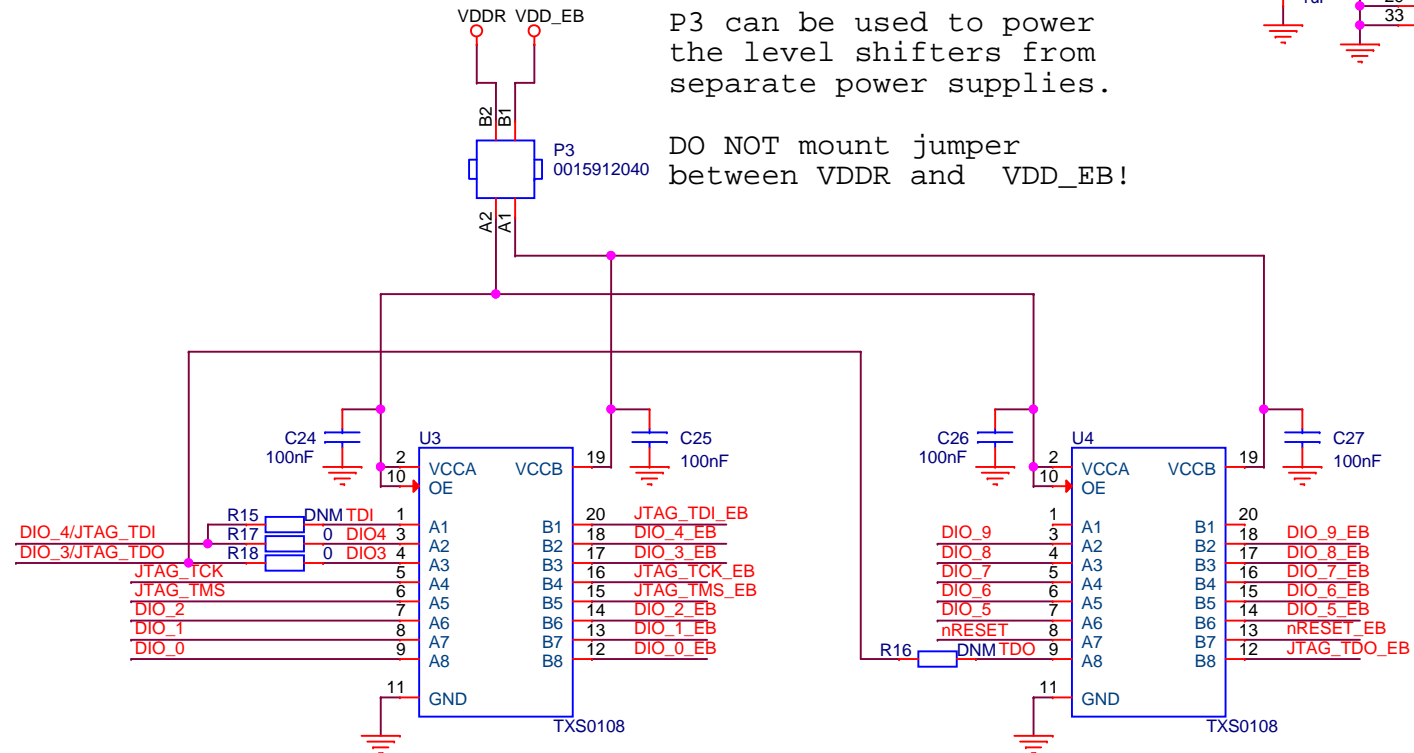
R19 is used to power CC2650 directly from EB connector.

- If R19 is mounted:
- 1.65 V < VDD\_EB < 1.95 V
  - L1 and U2 must be DNM.
  - C5 and C8 are optional.

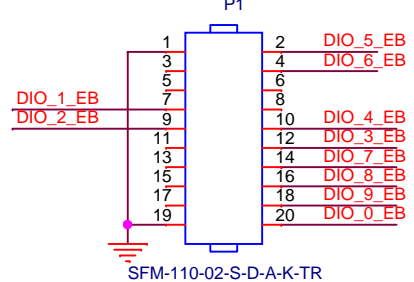


P3 can be used to power the level shifters from separate power supplies.

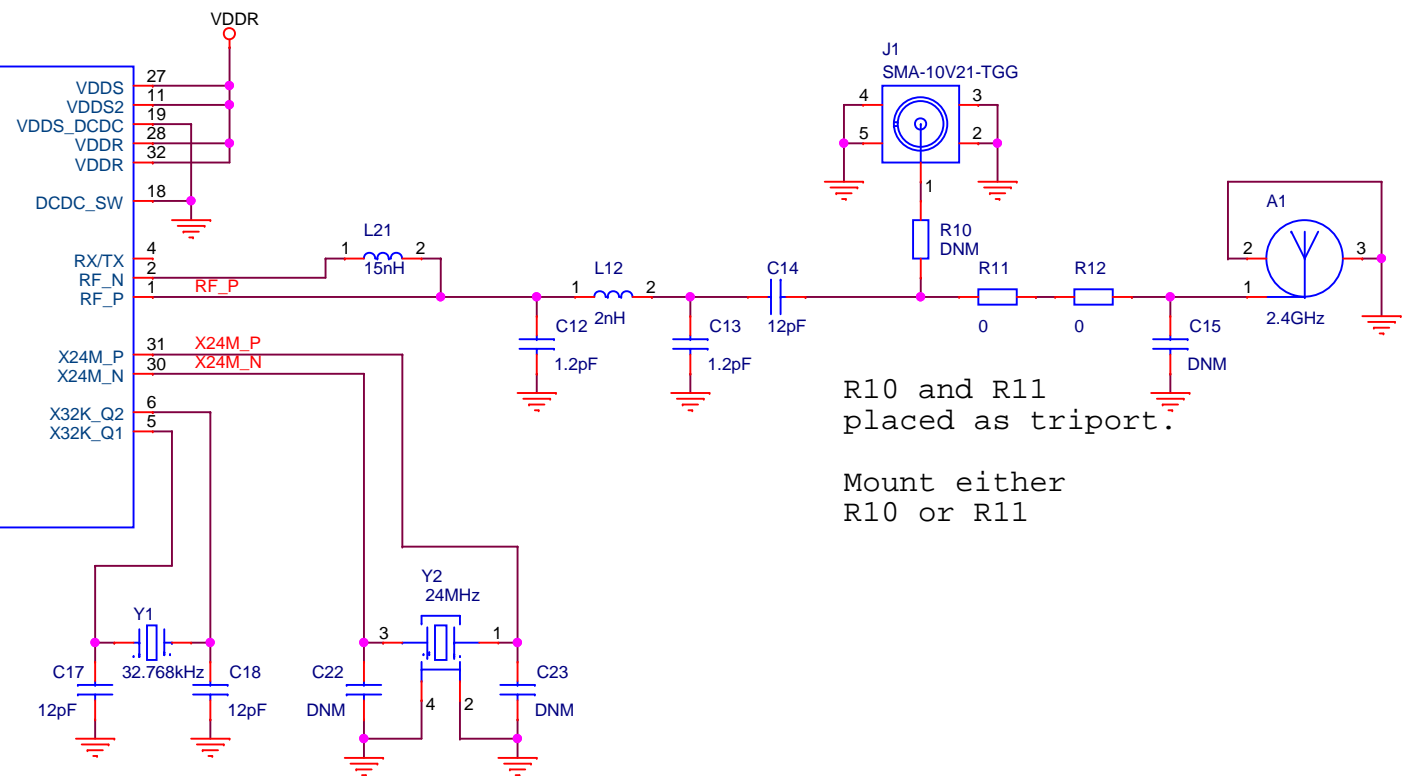
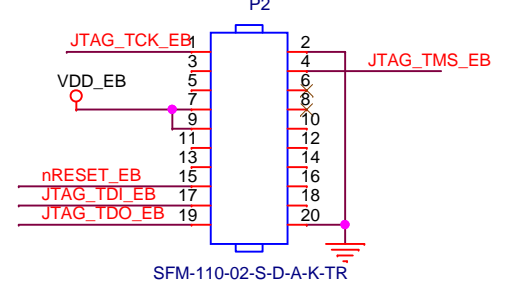
DO NOT mount jumper between VDDR and VDD\_EB!



EM connector 1



EM connector 2



R10 and R11 placed as triport.

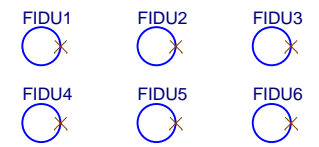
Mount either R10 or R11

**NOTE:**  
The CC2650 is a superset of CC2610, CC2620, CC2630 and CC2640. This design can thus be considered a reference design for all of these devices.

Likewise, the CC2650EM board can be used to evaluate the performance for all the above mentioned devices.

**For LAB use only:**

TDI	R21	DNM	JTAG_TDI_EB
DIO4	R22	DNM	DIO_4_EB
DIO3	R23	DNM	DIO_3_EB
JTAG_TCK	R24	DNM	JTAG_TCK_EB
JTAG_TMS	R25	DNM	JTAG_TMS_EB
DIO_2	R26	DNM	DIO_2_EB
DIO_1	R27	DNM	DIO_1_EB
DIO_0	R28	DNM	DIO_0_EB
DIO_9	R29	DNM	DIO_9_EB
DIO_8	R30	DNM	DIO_8_EB
DIO_7	R31	DNM	DIO_7_EB
DIO_6	R32	DNM	DIO_6_EB
DIO_5	R33	DNM	DIO_5_EB
nRESET	R34	DNM	nRESET_EB
TDO	R35	DNM	JTAG_TDO_EB



Title:	CC2650EM-4XS-Ext_Reg				
Drawn:	FGK				
Checked:	NN				
Size:	A3	Rev:	2.0.0	Sheet:	1 of 1
Date:	Tuesday, February 10, 2015				