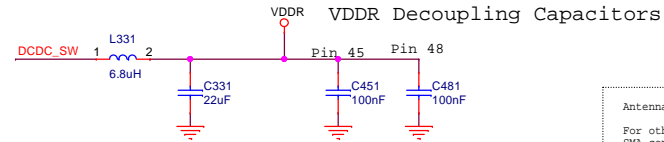
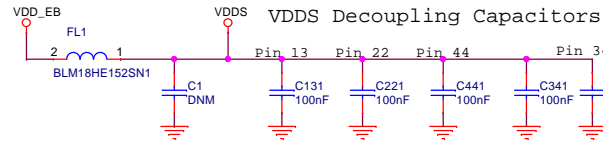
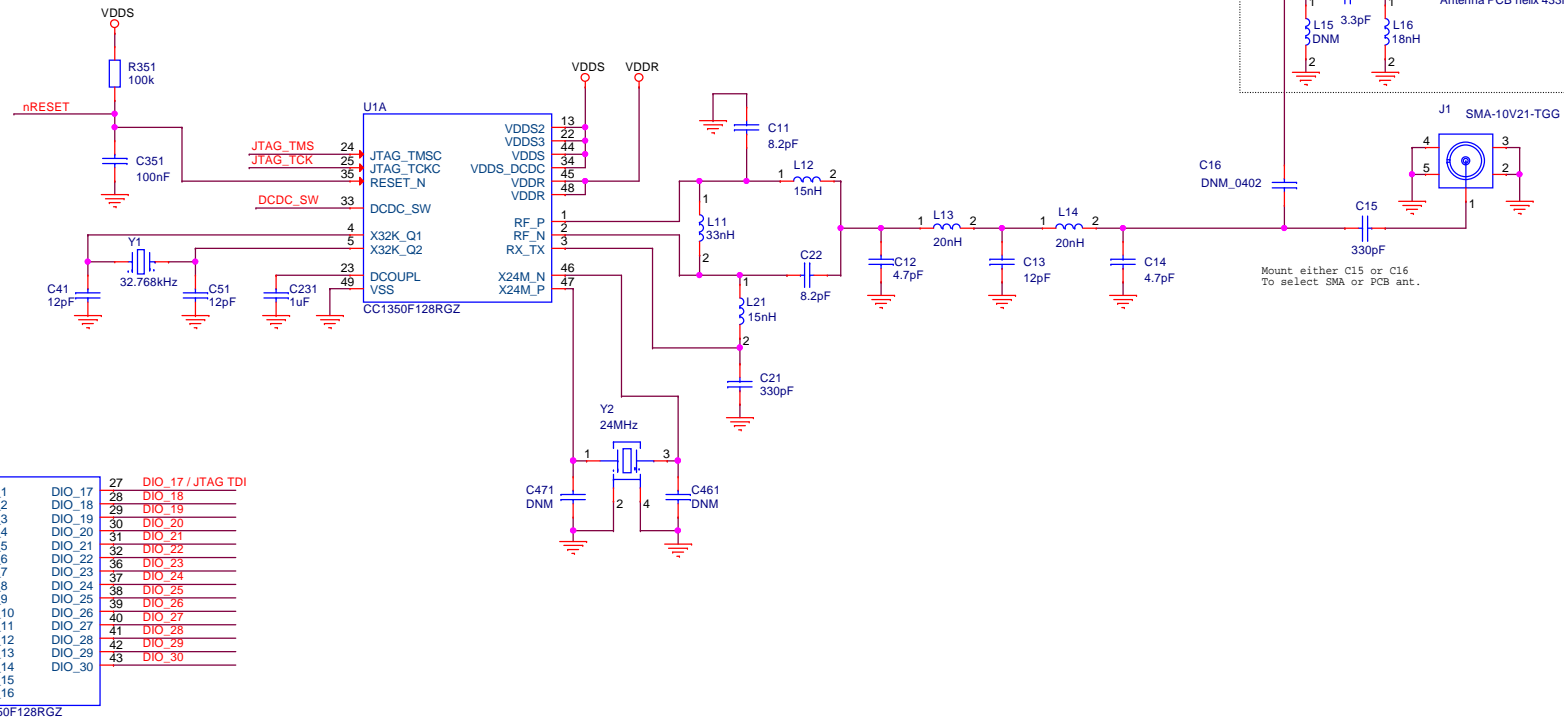
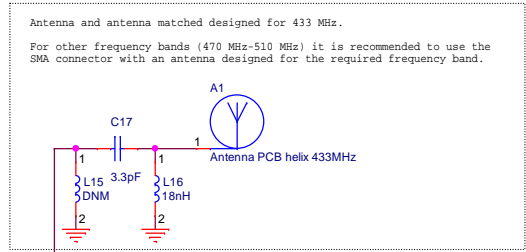


VDDS decoupling capacitors

VDDR decoupling capacitors



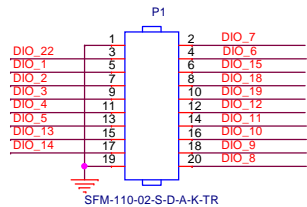
Place L331 and C331 close to pin 33.  
Low inductance ground for C331



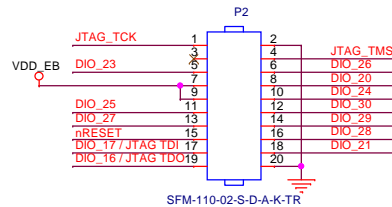
U1B			
DIO_1	6	DIO_17	27
DIO_2	7	DIO_18	28
DIO_3	8	DIO_19	29
DIO_4	9	DIO_20	30
DIO_5	10	DIO_21	31
DIO_6	11	DIO_22	32
DIO_7	12	DIO_23	36
DIO_8	14	DIO_24	37
DIO_9	15	DIO_25	38
DIO_10	16	DIO_26	39
DIO_11	17	DIO_27	40
DIO_12	18	DIO_28	41
DIO_13	19	DIO_29	42
DIO_14	20	DIO_30	43
DIO_15	21		
DIO_16 / JTAG TDO	26		

CC1350F128RGZ

EM connector 1



EM connector 2



Title: CC13xxEM-7XD-4251, main		TEXAS INSTRUMENTS
Drawn: a0132595		
Checked: a0190551		
Size: A3	Rev: 1.2.0	Sheet: 1 of 2
Date: Monday, July 11, 2016		

R 1.0.0

-----  
-Initial release revision. Based on CC13xxEM-7XD-7793 R1.3.3

R1.0.1


-----  
- L11 -> 27nH  
- C14 -> 3.0pF

R1.1.0

-----  
C343 - Removed  
C482 - Removed  
Converting to 4 layer PCB based on CC13xxEM-7XD-7793\_4L

R1.2.0

-----  
Updating antenna match:  
R13 -> C17 3.3pF  
L16 -> 18 nH  
- Added comment in schematic that antenna and antenna match deisgned for 433MHz only:  
"Antenna and antenna matched designed for 433 MHz.  
For other frequency bands (470 MHz-510 MHz) it is recommended to use the  
SMA connector with an antenna designed for the required frequency band."  
- Added comment in top layer silk screen that antenna and match deisgned for 433MHz only.  
- Added silk screen bottom: "For evaluation only. Not FCC approved for resale"

Title: CC13xxEM-7XD-4251, rev history		
Drawn: a0132595		
Checked: a0190551		
Size: A4	Rev: 1.2.0	Sheet: 2 of 2
Date: Monday, July 11, 2016		