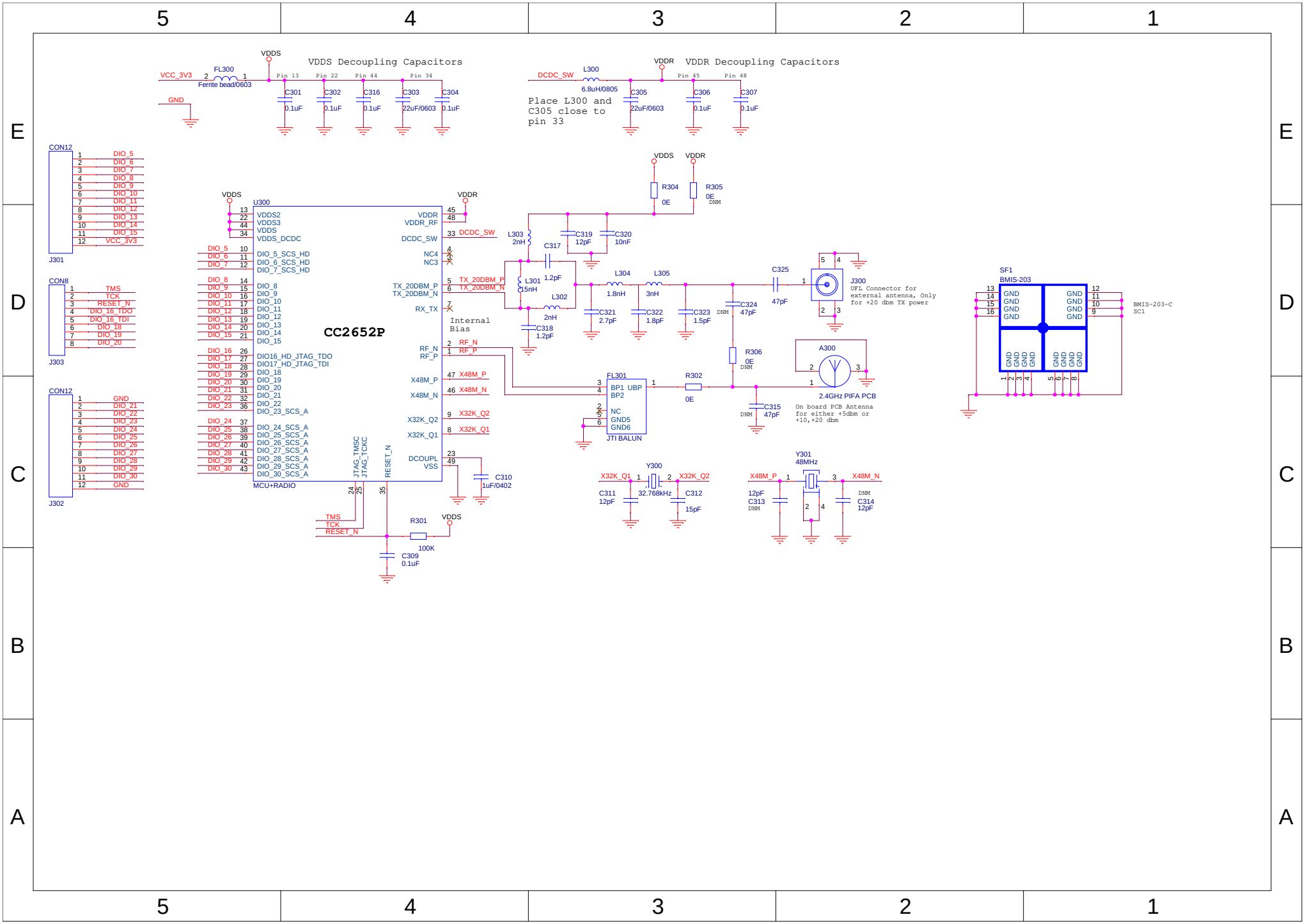
VDDS Decoupling Capacitors
VCC_3V3
FL300
Ferrite bead/0603
GND
VDDS
Pin 13
Pin 22
Pin 44
Pin 34
C301 0.1uF
C302 0.1uF
C316 0.1uF
C303 22uF/0603
C304 0.1uF
VDDR Decoupling Capacitors
DCDC_SW
L300
6.8uH/0805
VDDR
Pin 45
Pin 48
C305 22uF/0603
C306 0.1uF
C307 0.1uF
Place L300 and C305 close to pin 33
CON12
J301
DIO_5
DIO_6
DIO_7
DIO_8
DIO_9
DIO_10
DIO_11
DIO_12
DIO_13
DIO_14
DIO_15
VCC_3V3
CON8
J303
TMS
TCK
RESET_N
DIO_16_TDO
DIO_16_TDI
DIO_18
DIO_19
DIO_20
CON12
J302
GND
DIO_21
DIO_22
DIO_23
DIO_24
DIO_25
DIO_26
DIO_27
DIO_28
DIO_29
DIO_30
U300
CC2652P
MCU+RADIO
VDDS2
VDDS3
VDDS
VDDS_DCDC
DIO_5_SCS_HD
DIO_6_SCS_HD
DIO_7_SCS_HD
DIO_8
DIO_9
DIO_10
DIO_11
DIO_12
DIO_13
DIO_14
DIO_15
DIO16_HD_JTAG_TDO
DIO17_HD_JTAG_TDI
DIO_18
DIO_19
DIO_20
DIO_21
DIO_22
DIO_23_SCS_A
DIO_24_SCS_A
DIO_25_SCS_A
DIO_26_SCS_A
DIO_27_SCS_A
DIO_28_SCS_A
DIO_29_SCS_A
DIO_30_SCS_A
VDDR
VDDR_RF
DCDC_SW
NC4
NC3
TX_20DBM_P
TX_20DBM_N
RX_TX
RF_N
RF_P
X48M_P
X48M_N
X32K_Q2
X32K_Q1
DCOUPL
VSS
JTAG_TMSC
JTAG_TCKC
RESET_N
Internal Bias
C310 1uF/0402
R301 100K
C309 0.1uF
R304 0E
R305 0E DNM
L303 2nH
C317
C319 12pF
C320 10nF
L301 15nH
1.2pF
L302 2nH
C318 1.2pF
L304 1.8nH
L305 3nH
C321 2.7pF
C322 1.8pF
C323 1.5pF
C324 47pF DNM
C325 47pF
J300
UFL Connector for external antenna, Only for +20 dbm TX power
R306 0E DNM
A300
2.4GHz PIFA PCB
On board PCB Antenna for either +5dbm or +10,+20 dbm
C315 47pF DNM
FL301
BP1 UBP
BP2
NC
GND5
GND6
JTI BALUN
R302 0E
Y300
32.768kHz
X32K_Q1
X32K_Q2
C311 12pF
C312 15pF
Y301
48MHz
X48M_P
X48M_N
12pF C313 DNM
DNM C314 12pF
SF1
BMIS-203
GND
BMIS-203-C
SC1