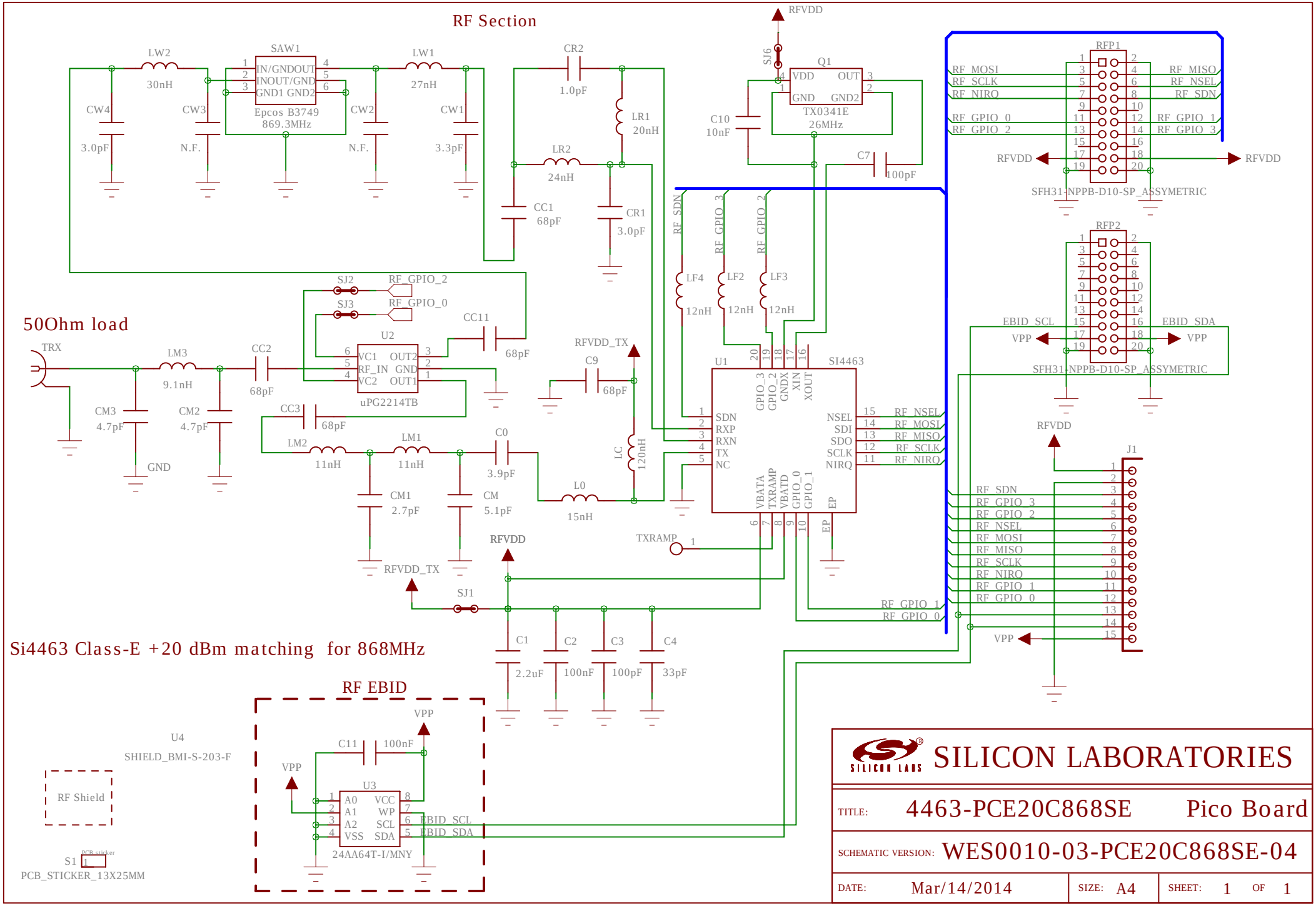
RF Section
50Ohm load
Si4463 Class-E +20 dBm matching for 868MHz
RF EBID
SAW1
Epcos B3749
869.3MHz
Q1
TX0341E
26MHz
U1
SI4463
U2
uPG2214TB
U3
24AA64T-I/MNY
U4
SHIELD_BMI-S-203-F
RF Shield
S1
PCB_STICKER_13X25MM
RFP1
RFP2
SFH31-NPPB-D10-SP_ASSYMETRIC
J1
TRX
GND
RFVDD
RFVDD_TX
VPP
TXRAMP
SJ1
SJ2
SJ3
SJ6
RF_GPIO_2
RF_GPIO_0
RF_SDN
RF_GPIO_3
RF_GPIO_2
RF_NSEL
RF_MOSI
RF_MISO
RF_SCLK
RF_NIRO
RF_GPIO_1
RF_GPIO_0
EBID_SCL
EBID_SDA
LW2
30nH
LW1
27nH
CW4
3.0pF
CW3
N.F.
CW2
N.F.
CW1
3.3pF
CR2
1.0pF
LR1
20nH
LR2
24nH
CC1
68pF
CR1
3.0pF
C10
10nF
C7
100pF
LF4
12nH
LF2
12nH
LF3
12nH
TRX
LM3
9.1nH
CC2
68pF
CM3
4.7pF
CM2
4.7pF
CC3
68pF
LM2
11nH
LM1
11nH
C0
3.9pF
CM1
2.7pF
CM
5.1pF
L0
15nH
LC
120nH
C9
68pF
CC11
68pF
C1
2.2uF
C2
100nF
C3
100pF
C4
33pF
C11
100nF
SILICON LABORATORIES
TITLE: 4463-PCE20C868SE Pico Board
SCHEMATIC VERSION: WES0010-03-PCE20C868SE-04
DATE: Mar/14/2014
SIZE: A4
SHEET: 1 OF 1