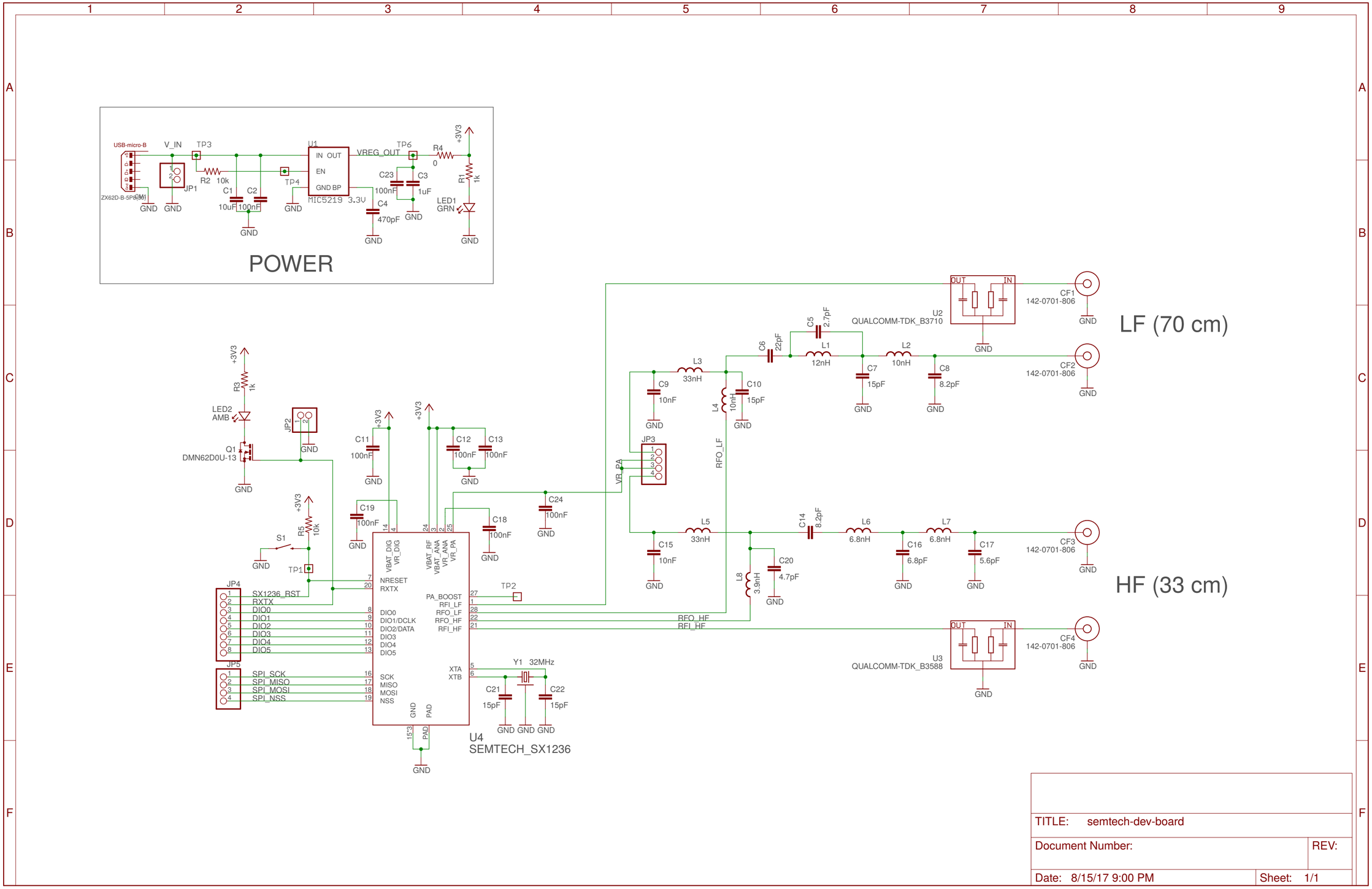
POWER
USB-micro-B
ZX62D-B-5P8(30)
V_IN
TP3
JP1
R2 10k
C1 10uF
C2 100nF
TP4
U1
IN OUT
EN
GND BP
MIC5219 3.3V
VREG_OUT
TP6
R4 0
+3V3
R1 1k
C23 100nF
C3 1uF
C4 470pF
LED1 GRN
GND
LF (70 cm)
HF (33 cm)
CF1 142-0701-806
CF2 142-0701-806
CF3 142-0701-806
CF4 142-0701-806
U2 QUALCOMM-TDK_B3710
U3 QUALCOMM-TDK_B3588
OUT
IN
C5 2.7pF
C6 22pF
L1 12nH
L2 10nH
C7 15pF
C8 8.2pF
L3 33nH
C9 10nF
C10 15pF
L4 10nH
JP3
VR_PA
RFO_LF
L5 33nH
C15 10nF
C14 8.2pF
L6 6.8nH
L7 6.8nH
C16 6.8pF
C17 5.6pF
C20 4.7pF
L8 3.9nH
RFO_HF
RFI_HF
R3 1k
LED2 AMB
JP2
Q1 DMN62D0U-13
C11 100nF
C12 100nF
C13 100nF
C19 100nF
C18 100nF
C24 100nF
R5 10k
S1
TP1
TP2
JP4
SX1236_RST
RXTX
DIO0
DIO1
DIO2
DIO3
DIO4
DIO5
JP5
SPI_SCK
SPI_MISO
SPI_MOSI
SPI_NSS
VBAT_DIG
VR_DIG
NRESET
RXTX
DIO0
DIO1/DCLK
DIO2/DATA
DIO3
DIO4
DIO5
SCK
MISO
MOSI
NSS
GND
PAD
VBAT_RF
VBAT_ANA
VR_ANA
VR_PA
PA_BOOST
RFI_LF
RFO_LF
RFO_HF
RFI_HF
XTA
XTB
Y1 32MHz
C21 15pF
C22 15pF
U4
SEMTECH_SX1236
TITLE: semtech-dev-board
Document Number:
REV:
Date: 8/15/17 9:00 PM
Sheet: 1/1