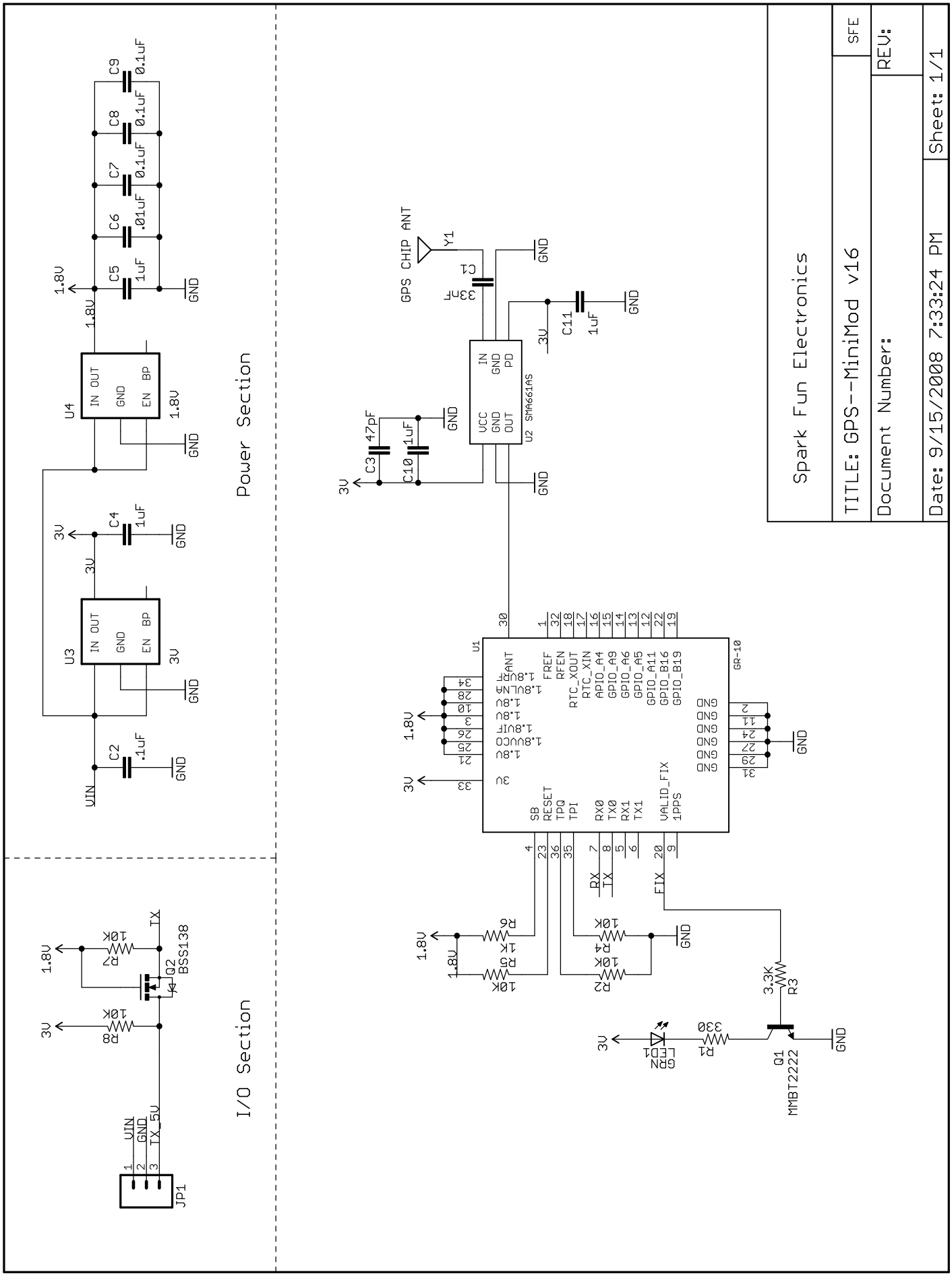
Power Section
I/O Section
Spark Fun Electronics
TITLE: GPS--MiniMod v16
Document Number:
SFE
REV:
Date: 9/15/2008 7:33:24 PM
Sheet: 1/1
U1
GR-10
U2 SMA661AS
U3
U4
IN OUT
GND
EN BP
IN GND PD
VCC GND OUT
ANT
1.8VLNA
1.8VLF
1.8V
1.8VUF
1.8VUCO
1.8V
3V
FREF
RFEN
RTC_XOUT
RTC_XIN
APIO_A4
GPIO_A9
GPIO_A6
GPIO_A5
GPIO_A11
GPIO_B16
GPIO_B19
GND
SB
RESET
TPQ
TPI
RX0
TX0
RX1
TX1
VALID_FIX
1PPS
GPS CHIP ANT
Y1
C1
33nF
C2
.1uF
C3
47pF
C4
1uF
C5
1uF
C6
.01uF
C7
0.1uF
C8
0.1uF
C9
0.1uF
C10
1uF
C11
1uF
VIN
1.8V
3V
R1
330
R2
10K
R3
3.3K
R4
10K
R5
10K
R6
1K
R7
10K
R8
10K
Q1
MMBT2222
Q2
BSS138
LED1
GRN
JP1
VIN
GND
TX_5V
RX
TX
FIX