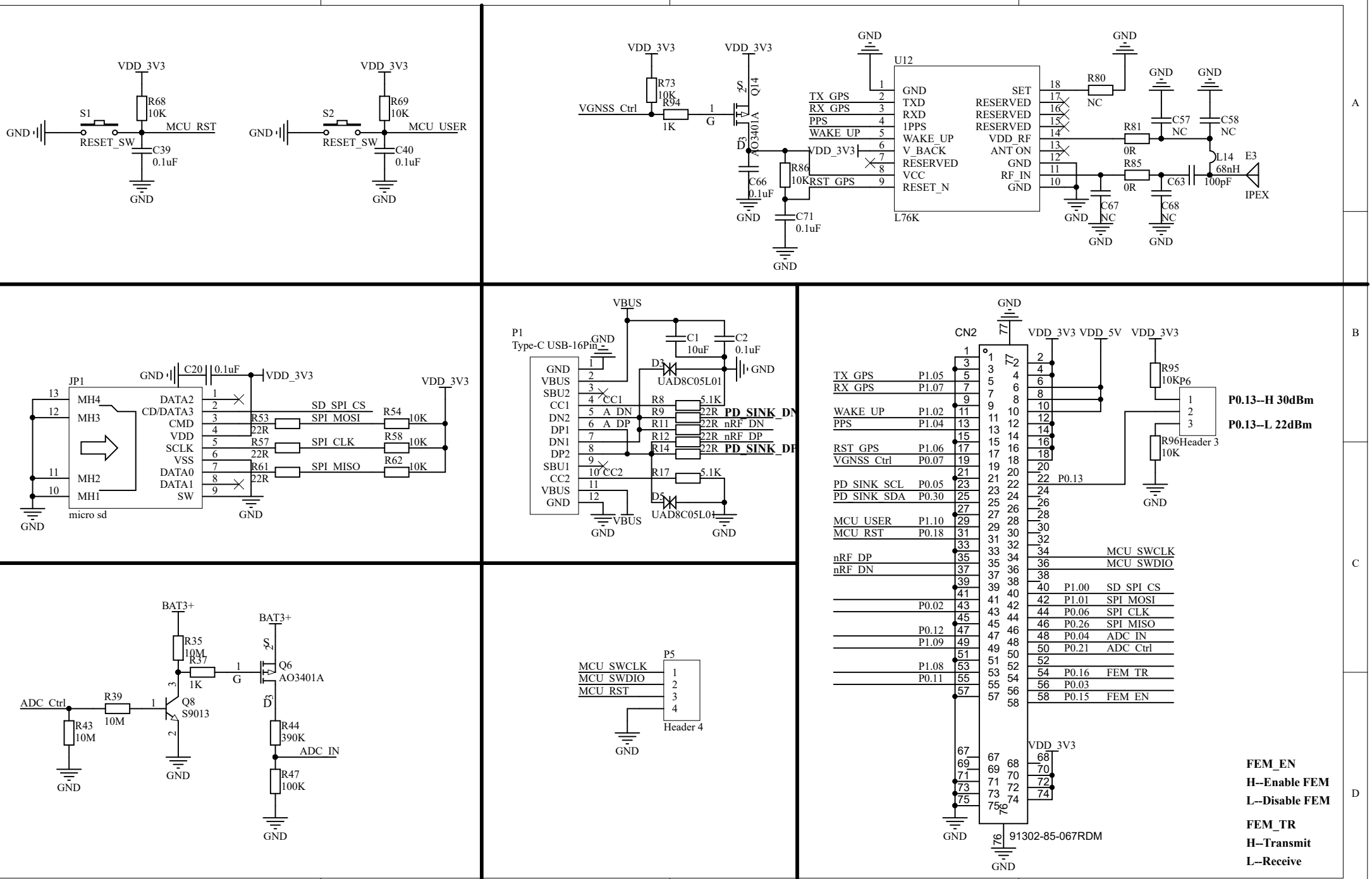
VDD_3V3
R68
10K
S1
MCU_RST
GND
RESET_SW
C39
0.1uF
VDD_3V3
R69
10K
S2
MCU_USER
GND
RESET_SW
C40
0.1uF
VDD_3V3
VDD_3V3
R73
10K
VGNSS_Ctrl
R94
1K
Q14
AO3401A
D3
C66
0.1uF
R86
10K
C71
0.1uF
U12
TX_GPS
RX_GPS
PPS
WAKE_UP
VDD_3V3
RST_GPS
GND
TXD
RXD
1PPS
WAKE_UP
V_BACK
RESERVED
VCC
RESET_N
SET
RESERVED
RESERVED
RESERVED
VDD_RF
ANT_ON
GND
RF_IN
GND
L76K
R80
NC
R81
0R
R85
0R
C57
NC
C58
NC
C63
100pF
C67
NC
C68
NC
L14
68nH
E3
IPEX
JP1
micro sd
DATA2
CD/DATA3
CMD
VDD
SCLK
VSS
DATA0
DATA1
SW
MH1
MH2
MH3
MH4
C20
0.1uF
SD_SPI_CS
SPI_MOSI
SPI_CLK
SPI_MISO
R53
R54
R57
R58
R61
R62
22R
10K
P1
Type-C USB-16Pin
VBUS
SBU2
CC1
DN2
DP1
DN1
DP2
SBU1
CC2
A_DN
A_DP
C1
10uF
C2
0.1uF
D3
UAD8C05L01
R8
R9
R11
R12
R14
R17
5.1K
22R
PD_SINK_DN
nRF_DN
nRF_DP
PD_SINK_DP
D5
CN2
VDD_3V3
VDD_5V
P1.05
P1.07
P1.02
P1.04
P1.06
P0.07
P0.05
P0.30
P1.10
P0.18
P0.02
P0.12
P1.09
P1.08
P0.11
P0.13
R95
10K
P6
Header 3
R96
10K
P0.13--H 30dBm
P0.13--L 22dBm
MCU_SWCLK
MCU_SWDIO
P1.00
SD_SPI_CS
P1.01
SPI_MOSI
P0.06
SPI_CLK
P0.26
SPI_MISO
P0.04
ADC_IN
P0.21
ADC_Ctrl
P0.16
FEM_TR
P0.03
P0.15
FEM_EN
91302-85-067RDM
FEM_EN
H--Enable FEM
L--Disable FEM
FEM_TR
H--Transmit
L--Receive
BAT3+
R35
10M
R37
1K
Q6
AO3401A
ADC_Ctrl
R39
10M
Q8
S9013
R43
10M
R44
390K
ADC_IN
R47
100K
P5
MCU_SWCLK
MCU_SWDIO
MCU_RST
Header 4