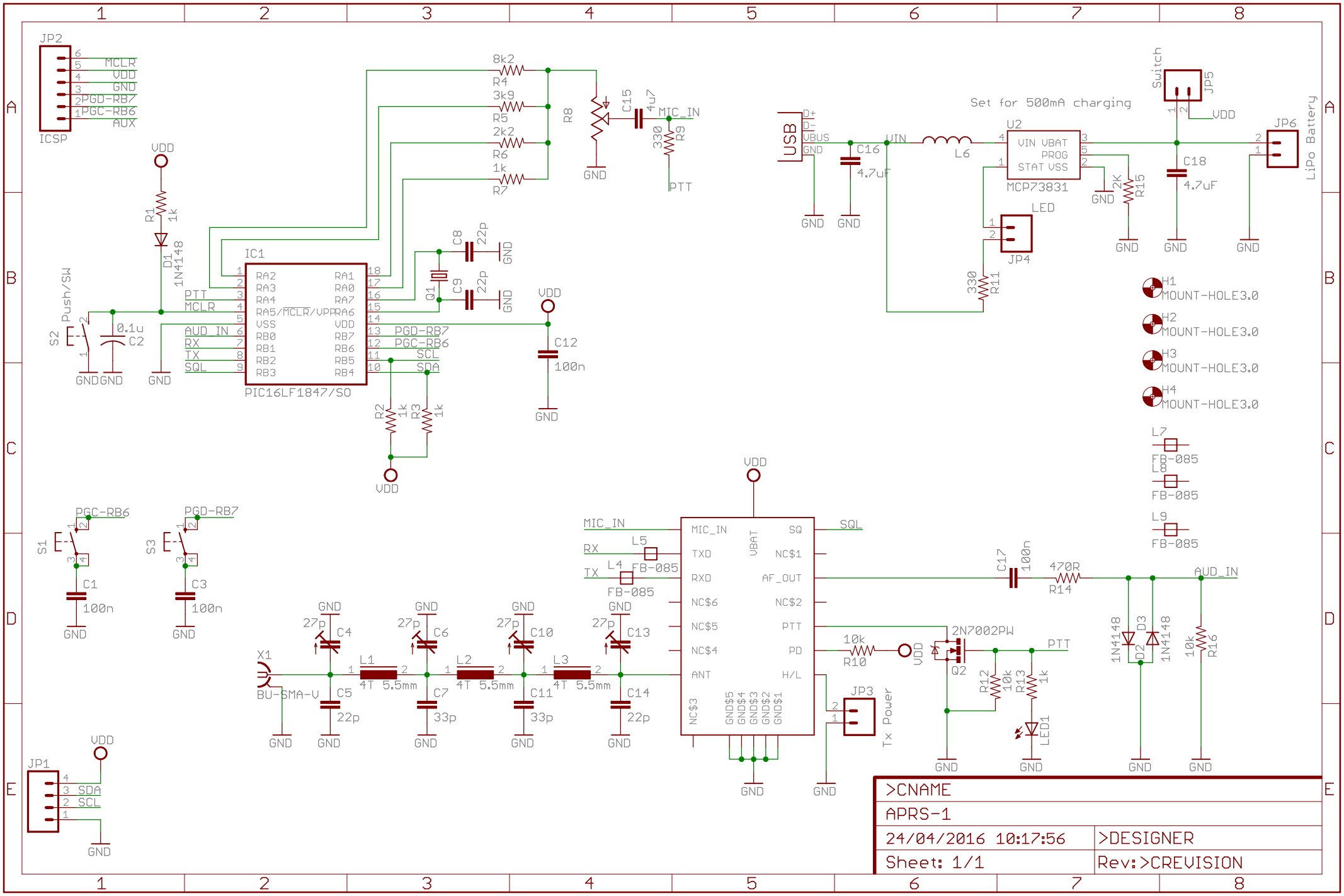
JP2
ICSP
MCLR
VDD
GND
PGD-RB7
PGC-RB6
AUX
R1
1k
D1
1N4148
VDD
S2
Push/SW
0.1u
C2
GND
GND
GND
IC1
PIC16LF1847/SO
PTT
MCLR
AUD_IN
RX
TX
SQL
RA2
RA3
RA4
RA5/MCLR/VPP
VSS
RB0
RB1
RB2
RB3
RA1
RA0
RA7
RA6
VDD
RB7
RB6
RB5
RB4
PGD-RB7
PGC-RB6
SCL
SDA
Q1
C8
22p
C9
22p
R2
1k
R3
1k
VDD
C12
100n
GND
8k2
R4
3k9
R5
2k2
R6
1k
R7
R8
C15
4u7
MIC_IN
330
R9
PTT
GND
USB
D+
D-
VBUS
GND
C16
4.7uF
VIN
L6
U2
MCP73831
VIN VBAT
PROG
STAT VSS
Set for 500mA charging
LED
JP4
330
R11
2K
R15
C18
4.7uF
Switch
JP5
VDD
JP6
LiPo Battery
H1
MOUNT-HOLE3.0
H2
MOUNT-HOLE3.0
H3
MOUNT-HOLE3.0
H4
MOUNT-HOLE3.0
L7
FB-085
L8
FB-085
L9
FB-085
S1
PGC-RB6
C1
100n
S3
PGD-RB7
C3
100n
X1
BU-SMA-V
27p
C4
C5
22p
L1
4T 5.5mm
27p
C6
C7
33p
L2
4T 5.5mm
27p
C10
C11
33p
L3
4T 5.5mm
27p
C13
C14
22p
MIC_IN
RX
TX
L5
L4
FB-085
FB-085
MIC_IN
TXD
RXD
NC$6
NC$5
NC$4
ANT
NC$3
VBAT
GND$5
GND$4
GND$3
GND$2
GND$1
SQ
NC$1
AF_OUT
NC$2
PTT
PD
H/L
SQL
C17
100n
470R
R14
AUD_IN
10k
R10
VDD
2N7002PW
Q2
R12
10k
R13
1k
LED1
PTT
JP3
Tx Power
1N4148
D3
D2
1N4148
10k
R16
JP1
VDD
SDA
SCL
GND
>CNAME
APRS-1
24/04/2016 10:17:56
>DESIGNER
Sheet: 1/1
Rev:>CREVISION