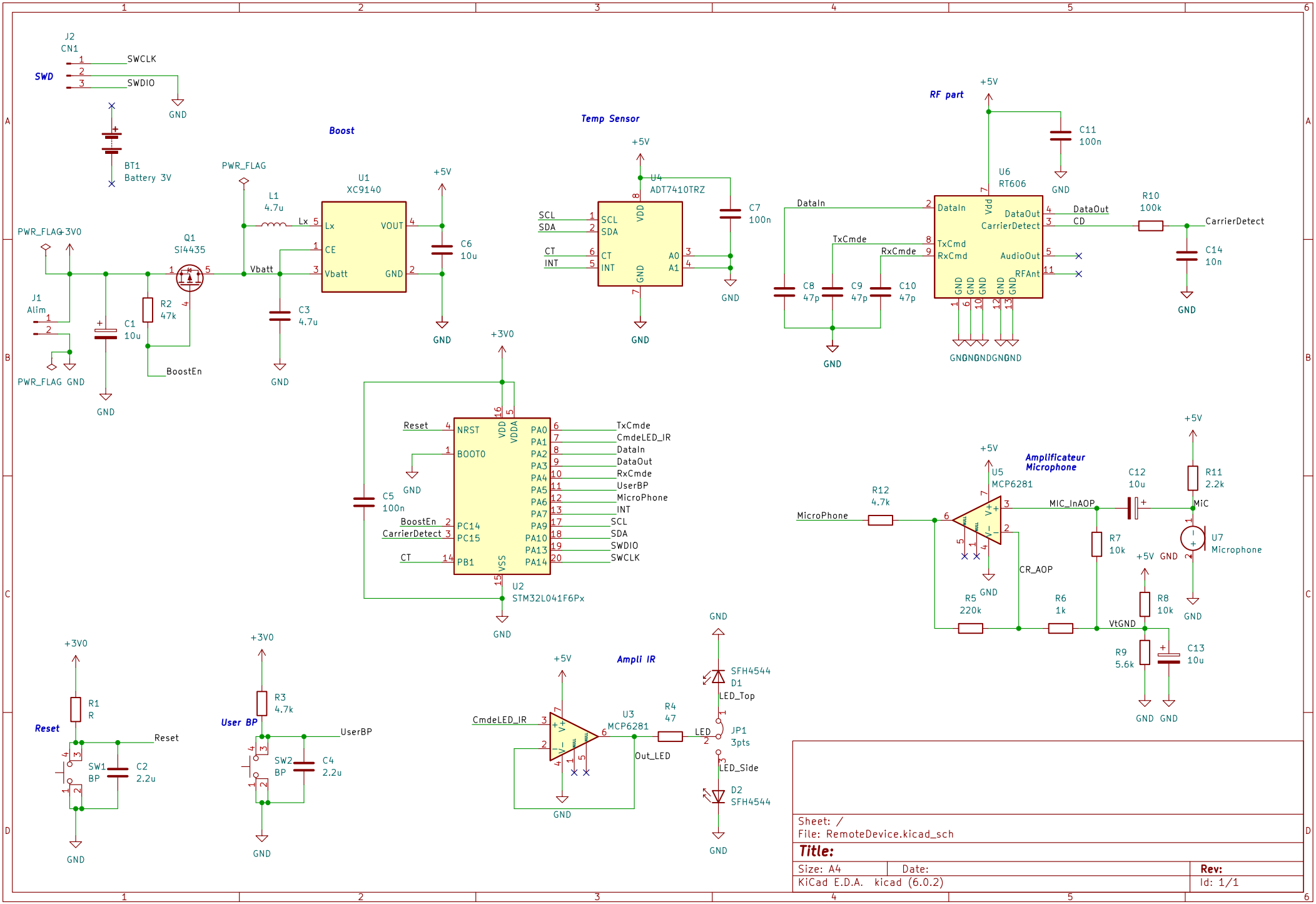
SWD
J2
CN1
SWCLK
SWDIO
GND
BT1
Battery 3V
Boost
PWR_FLAG
U1
XC9140
L1
4.7u
Lx
VOUT
CE
Vbatt
GND
+5V
C6
10u
C3
4.7u
PWR_FLAG
+3V0
Q1
Si4435
J1
Alim
C1
10u
R2
47k
BoostEn
Temp Sensor
U4
ADT7410TRZ
SCL
SDA
CT
INT
VDD
A0
A1
C7
100n
RF part
U6
RT606
C11
100n
DataIn
TxCmde
RxCmde
Vdd
DataOut
CarrierDetect
AudioOut
RFAnt
CD
R10
100k
C14
10n
C8
47p
C9
47p
C10
47p
U2
STM32L041F6Px
NRST
BOOT0
PC14
PC15
PB1
VDDA
VSS
Reset
CarrierDetect
C5
100n
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA9
PA10
PA13
PA14
TxCmde
CmdeLED_IR
DataIn
DataOut
RxCmde
UserBP
MicroPhone
INT
SCL
SDA
SWDIO
SWCLK
Amplificateur Microphone
U5
MCP6281
MicroPhone
R12
4.7k
MIC_InAOP
C12
10u
R11
2.2k
MiC
U7
Microphone
R7
10k
R5
220k
R6
1k
CR_AOP
R8
10k
VtGND
R9
5.6k
C13
10u
Reset
R1
R
SW1
BP
C2
2.2u
User BP
R3
4.7k
SW2
BP
C4
2.2u
UserBP
Ampli IR
U3
MCP6281
CmdeLED_IR
Out_LED
R4
47
LED
JP1
3pts
LED_Top
LED_Side
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D1
D2
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Rev:
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