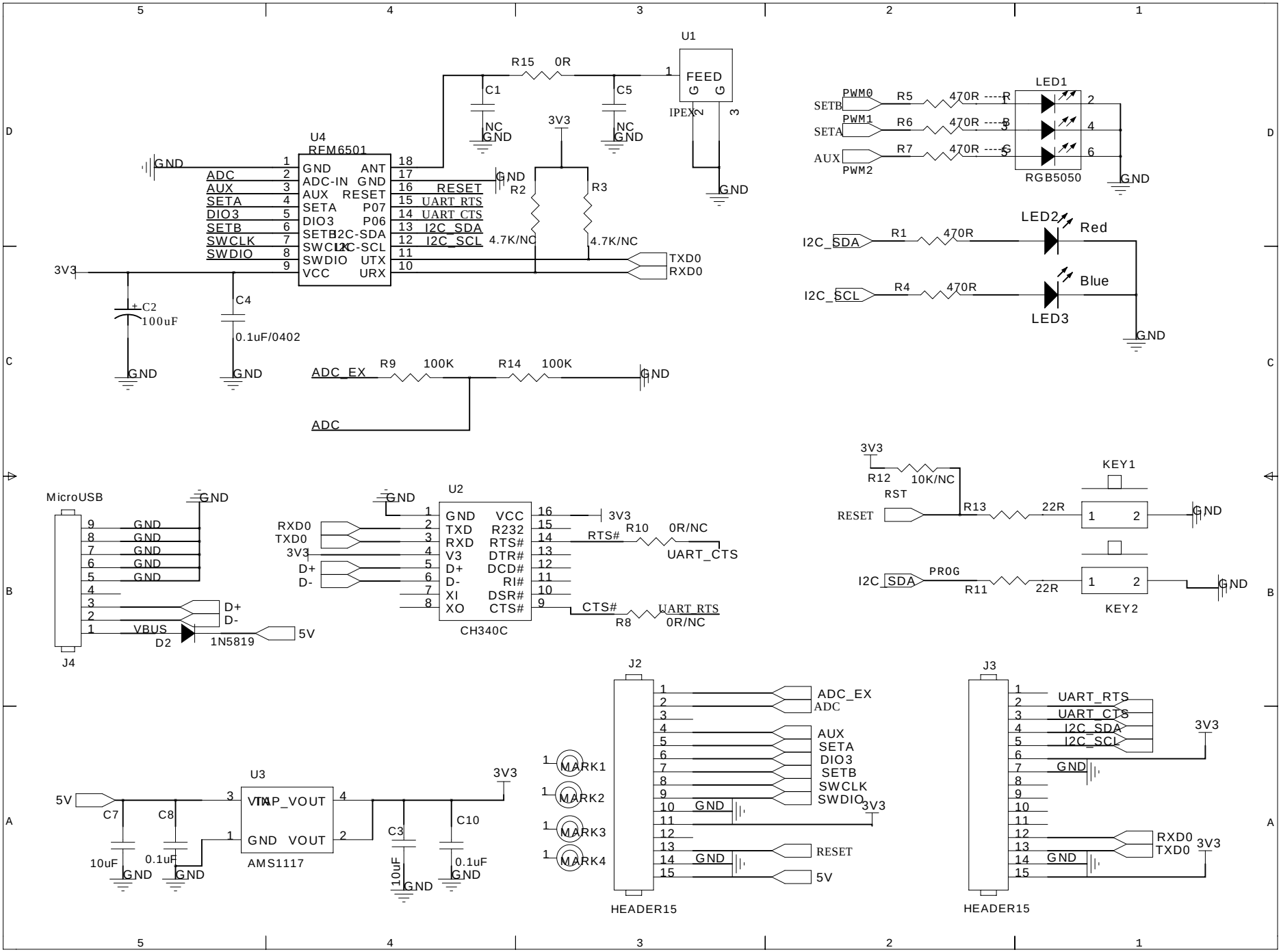
U1
FEED
IPEX
R15 0R
C1
C5
NC
GND
3V3
U4
RFM6501
GND ANT
ADC-IN GND
AUX RESET
SETA P07
DIO3 P06
SETB I2C-SDA
SWCLK I2C-SCL
SWDIO UTX
VCC URX
ADC
AUX
SETA
DIO3
SETB
SWCLK
SWDIO
RESET
UART_RTS
UART_CTS
I2C_SDA
I2C_SCL
R2
R3
4.7K/NC
TXD0
RXD0
C2
100uF
C4
0.1uF/0402
ADC_EX
R9 100K
R14 100K
ADC
LED1
PWM0
PWM1
PWM2
R5 470R
R6 470R
R7 470R
RGB5050
LED2
Red
R1 470R
LED3
Blue
R4 470R
MicroUSB
J4
D+
D-
VBUS
D2
1N5819
5V
U2
CH340C
RXD0
TXD0
3V3
R10 0R/NC
RTS#
UART_CTS
CTS#
R8 0R/NC
UART_RTS
R12 10K/NC
RST
RESET
R13 22R
KEY1
KEY2
PROG
R11 22R
U3
AMS1117
VIN VOUT
GND VOUT
5V
C7 10uF
C8 0.1uF
C3 10uF
C10 0.1uF
MARK1
MARK2
MARK3
MARK4
J2
HEADER15
ADC_EX
ADC
AUX
SETA
DIO3
SETB
SWCLK
SWDIO
RESET
J3
HEADER15