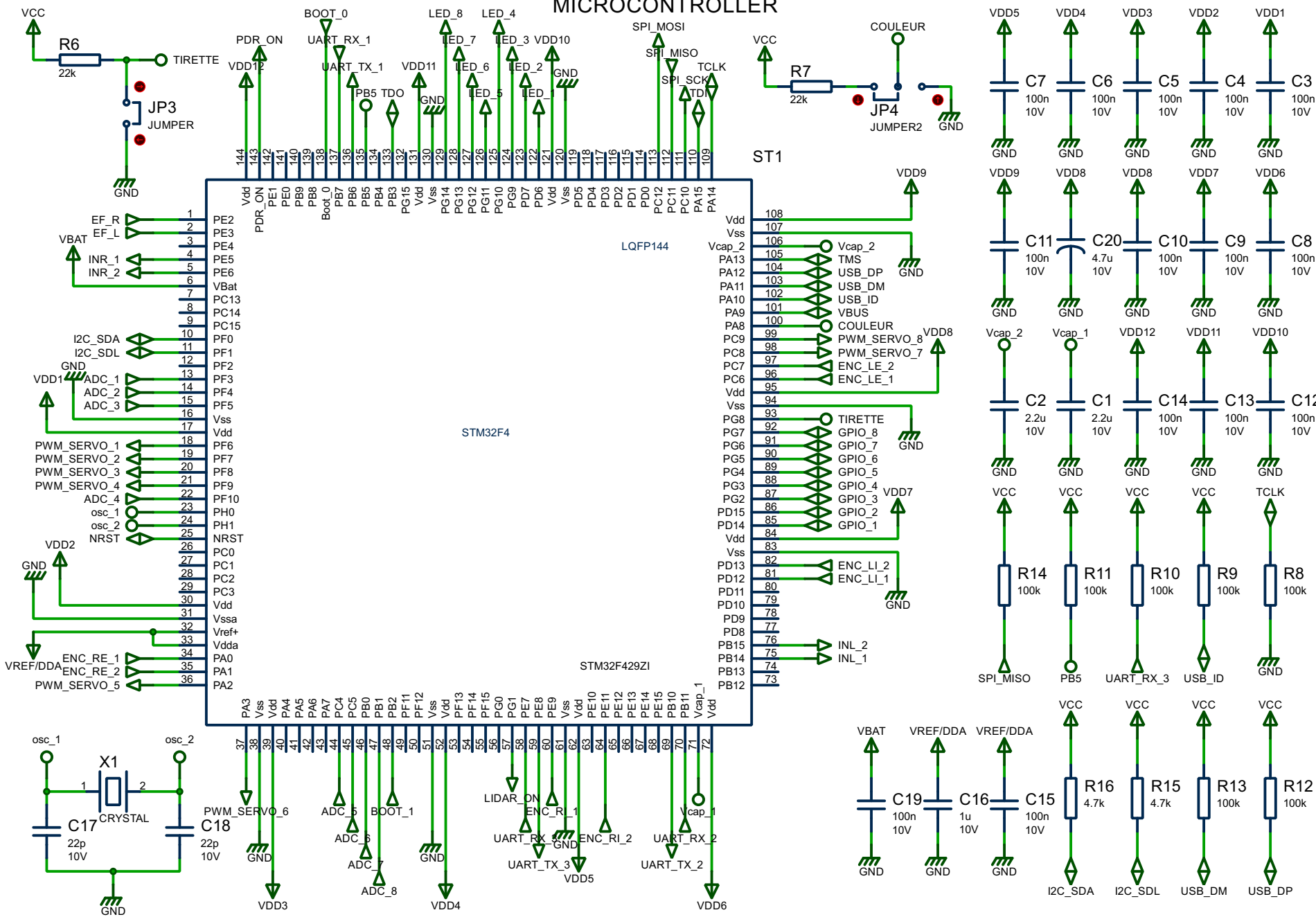
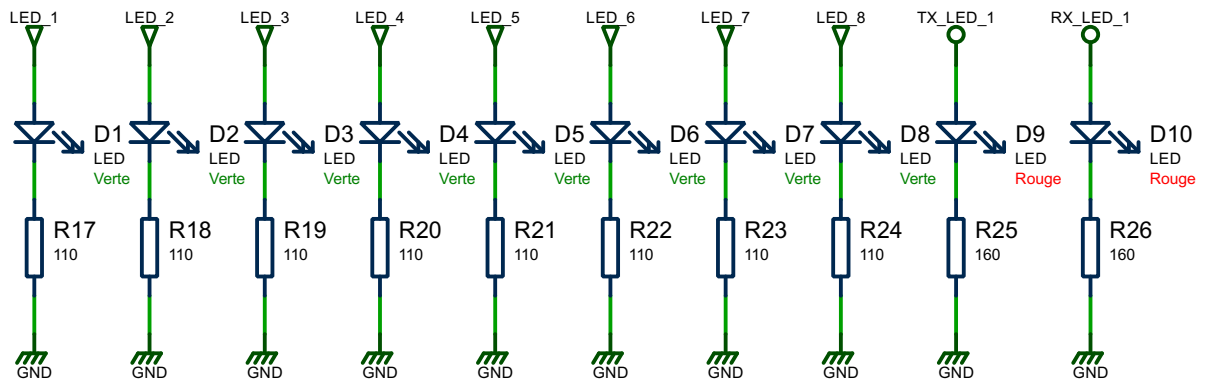
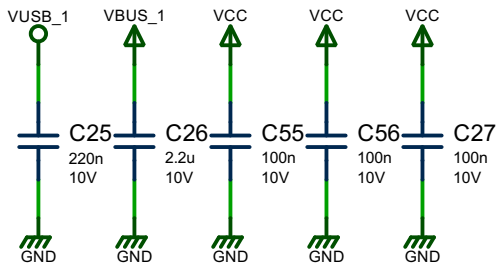
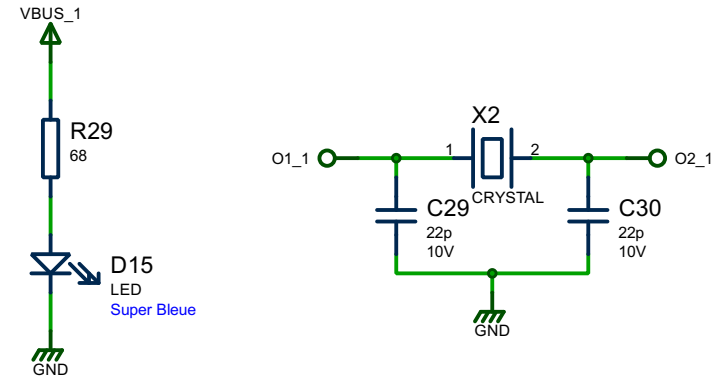
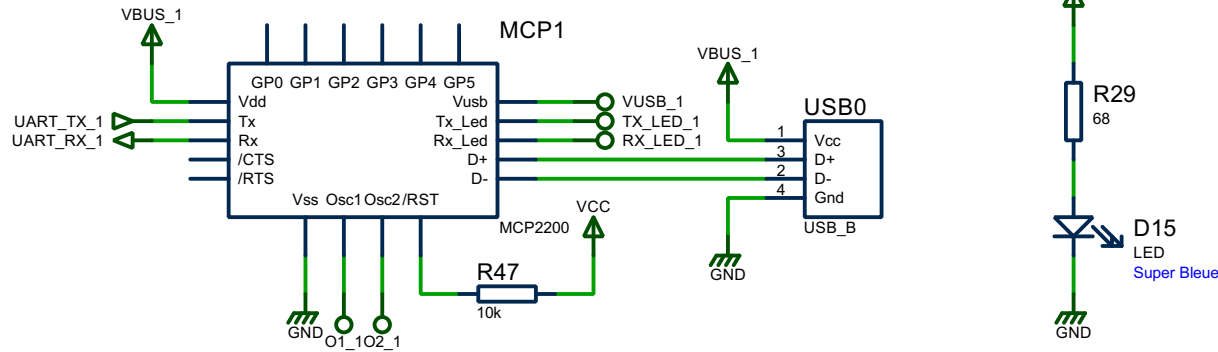
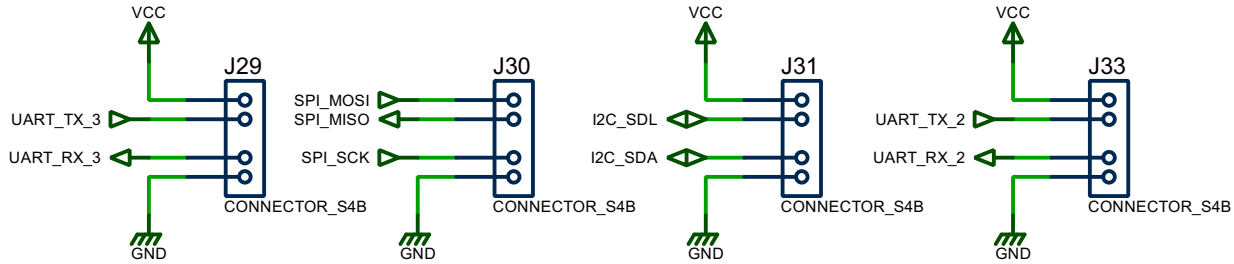


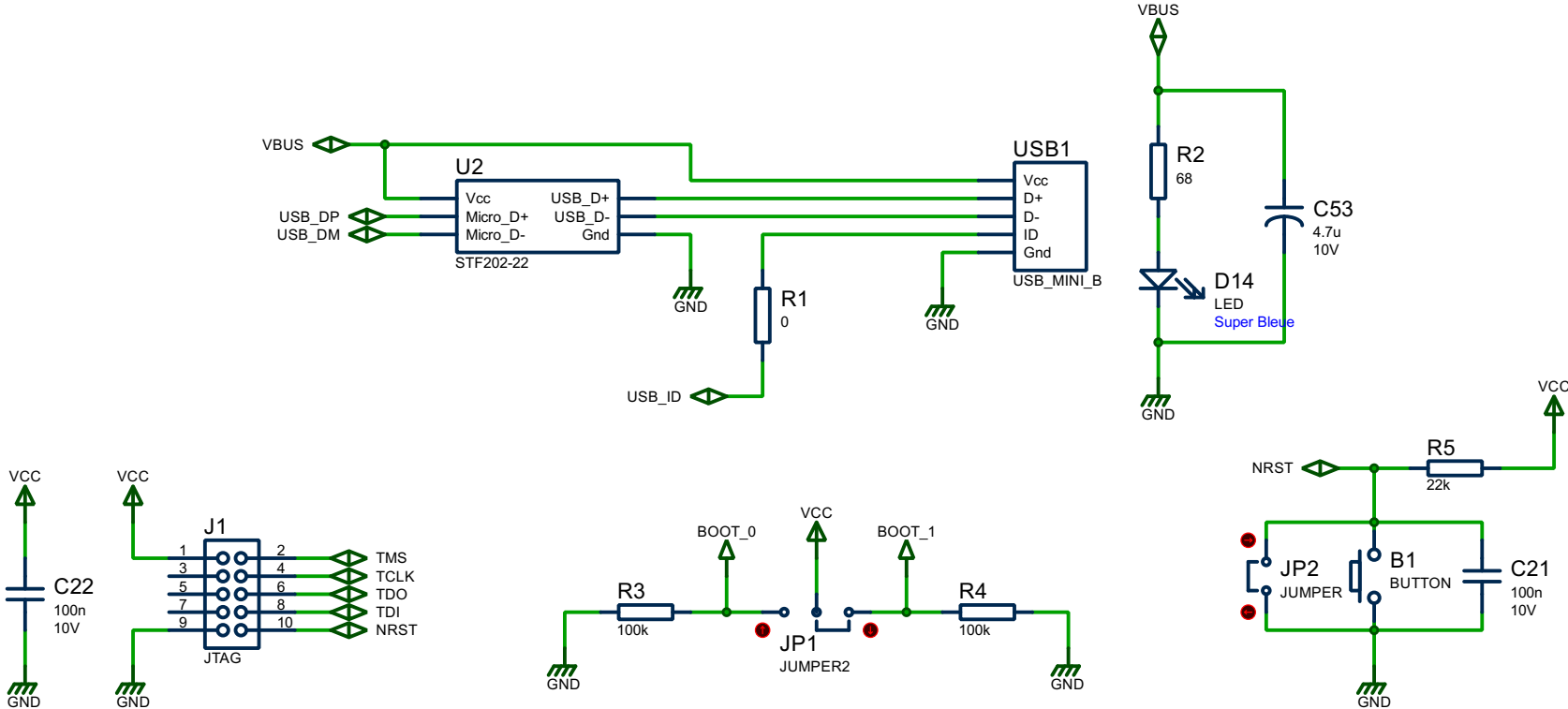
MICROCONTROLLER



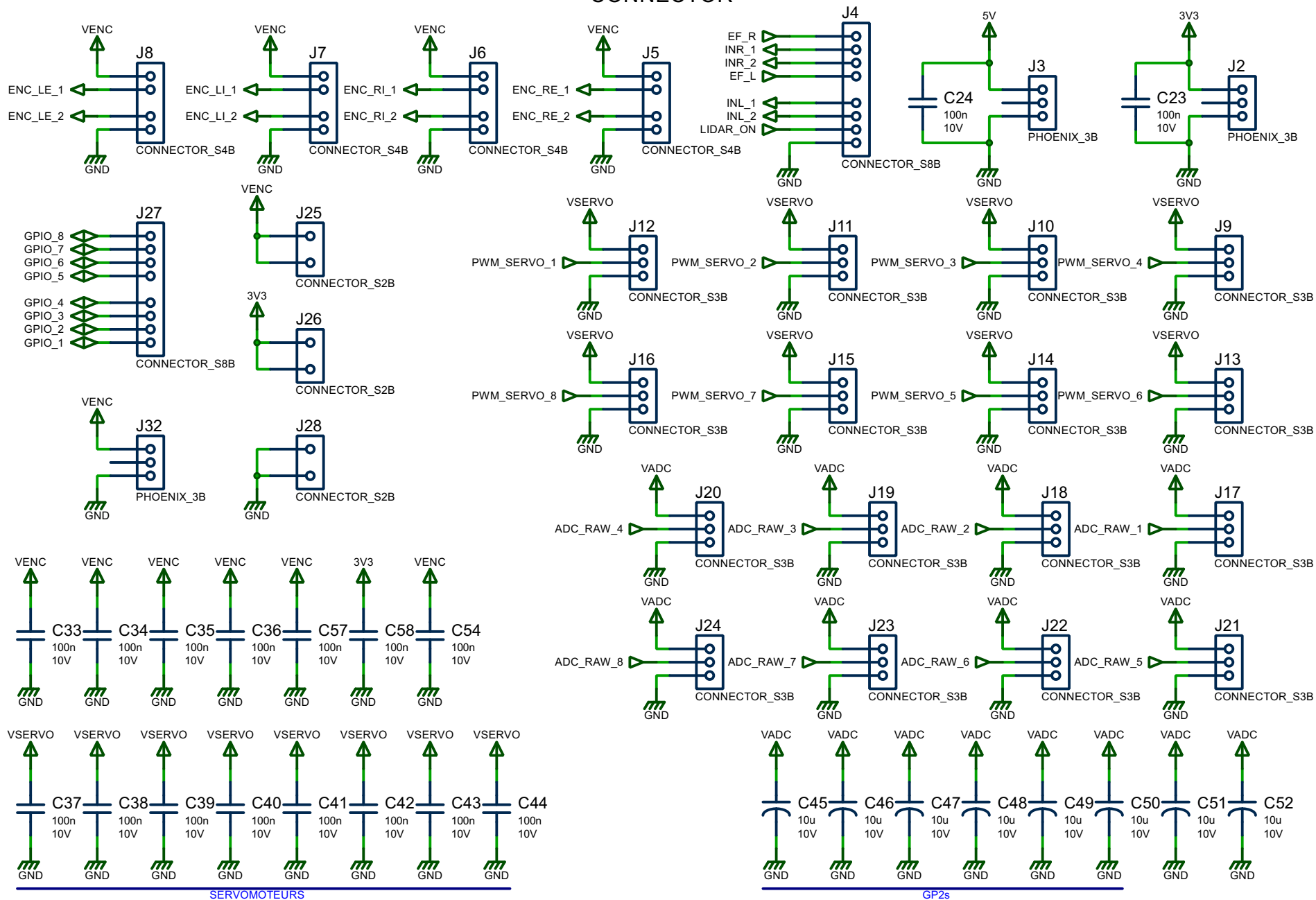
UART/LED



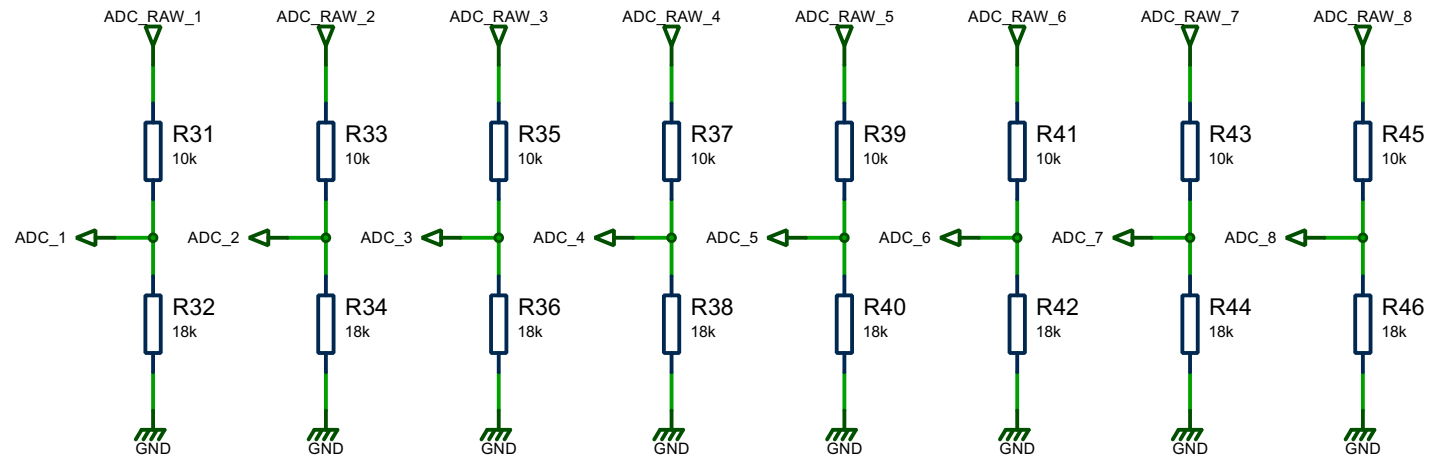
USB/JTAG



CONNECTOR



GP2



FUNCTION ASSIGN

Commande Moteurs

EF_R -> PE2 = EventOut
EF_L -> PE3 = EventOut
INR_1 -> PE5 = TIM9_CH1
INR_2 -> PE6 = TIM9_CH2
INL_1 -> PB14 = TIM12_CH1
INL_2 -> PB15 = TIM12_CH2

GP2s

ADC_1 -> PF3 = ADC
ADC_2 -> PF4 = ADC
ADC_3 -> PF5 = ADC
ADC_4 -> PF10 = ADC
ADC_5 -> PC4 = ADC
ADC_6 -> PC5 = ADC
ADC_7 -> PB0 = ADC
ADC_8 -> PB1 = ADC

Encodeurs

ENC_RI_1 -> PAE9 = TIM1_CH1
ENC_RI_2 -> PE11 = TIM1_CH2
ENC_RE_1 -> PA0 = TIM2_CH1
ENC_RE_2 -> PA1 = TIM2_CH2
ENC_LI_1 -> PD12 = TIM4_CH1
ENC_LI_2 -> PD13 = TIM4_CH2
ENC_LE_1 -> PC6 = TIM3_CH1
ENC_LE_2 -> PC7 = TIM3_CH2

GPIOs

GPIO_1 -> PD14 = EventOut
GPIO_2 -> PD15 = EventOut
GPIO_3 -> PG2 = EventOut
GPIO_4 -> PG3 = EventOut
GPIO_5 -> PG4 = EventOut
GPIO_6 -> PG5 = EventOut
GPIO_7 -> PG6 = EventOut
GPIO_8 -> PG7 = EventOut

Servomoteurs

PWM_SERVO_1 -> PF6 = TIM10_CH1
PWM_SERVO_2 -> PF7 = TIM11_CH1
PWM_SERVO_3 -> PF8 = TIM13_CH1
PWM_SERVO_4 -> PF9 = TIM14_CH1
PWM_SERVO_5 -> PA2 = TIM5_CH3
PWM_SERVO_6 -> PA3 = TIM5_CH4
PWM_SERVO_7 -> PC8 = TIM8_CH3
PWM_SERVO_8 -> PC9 = TIM8_CH4