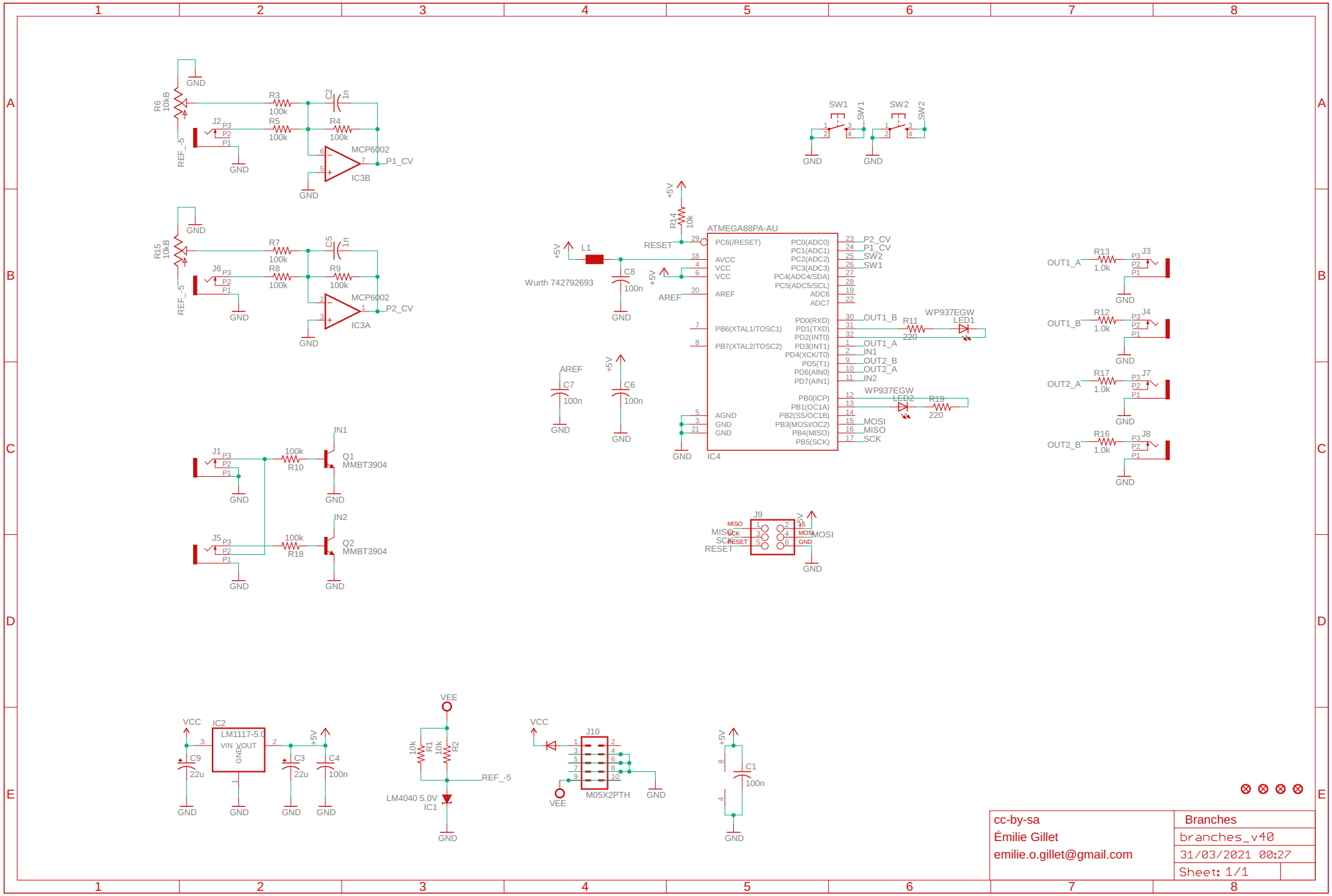
R6 10kB
R3 100k
C2 1n
J2
R5 100k
R4 100k
MCP6002
P1_CV
IC3B
REF_-5
GND
R15 10kB
R7 100k
C5 1n
J6
R8 100k
R9 100k
MCP6002
P2_CV
IC3A
ATMEGA88PA-AU
IC4
RESET
R14 10k
+5V
L1
Wurth 742792693
C8 100n
AREF
C7 100n
C6 100n
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
ADC6
ADC7
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
AVCC
VCC
AGND
P2_CV
P1_CV
SW2
SW1
OUT1_B
OUT1_A
IN1
OUT2_B
OUT2_A
IN2
MOSI
MISO
SCK
R11 220
WP937EGW
LED1
R19 220
LED2
SW1
SW2
OUT1_A
OUT1_B
OUT2_A
OUT2_B
R13 1.0k
R12 1.0k
R17 1.0k
R16 1.0k
J3
J4
J7
J8
J1
J5
100k
R10
R18
IN1
IN2
Q1 MMBT3904
Q2 MMBT3904
J9
MISO
SCK
RESET
MOSI
GND
VCC
IC2
LM1117-5.0
VIN
VOUT
GND
C9 22u
C3 22u
C4 100n
VEE
R1 10k
R2 10k
REF_-5
LM4040 5.0V
IC1
J10
M05X2PTH
C1 100n
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