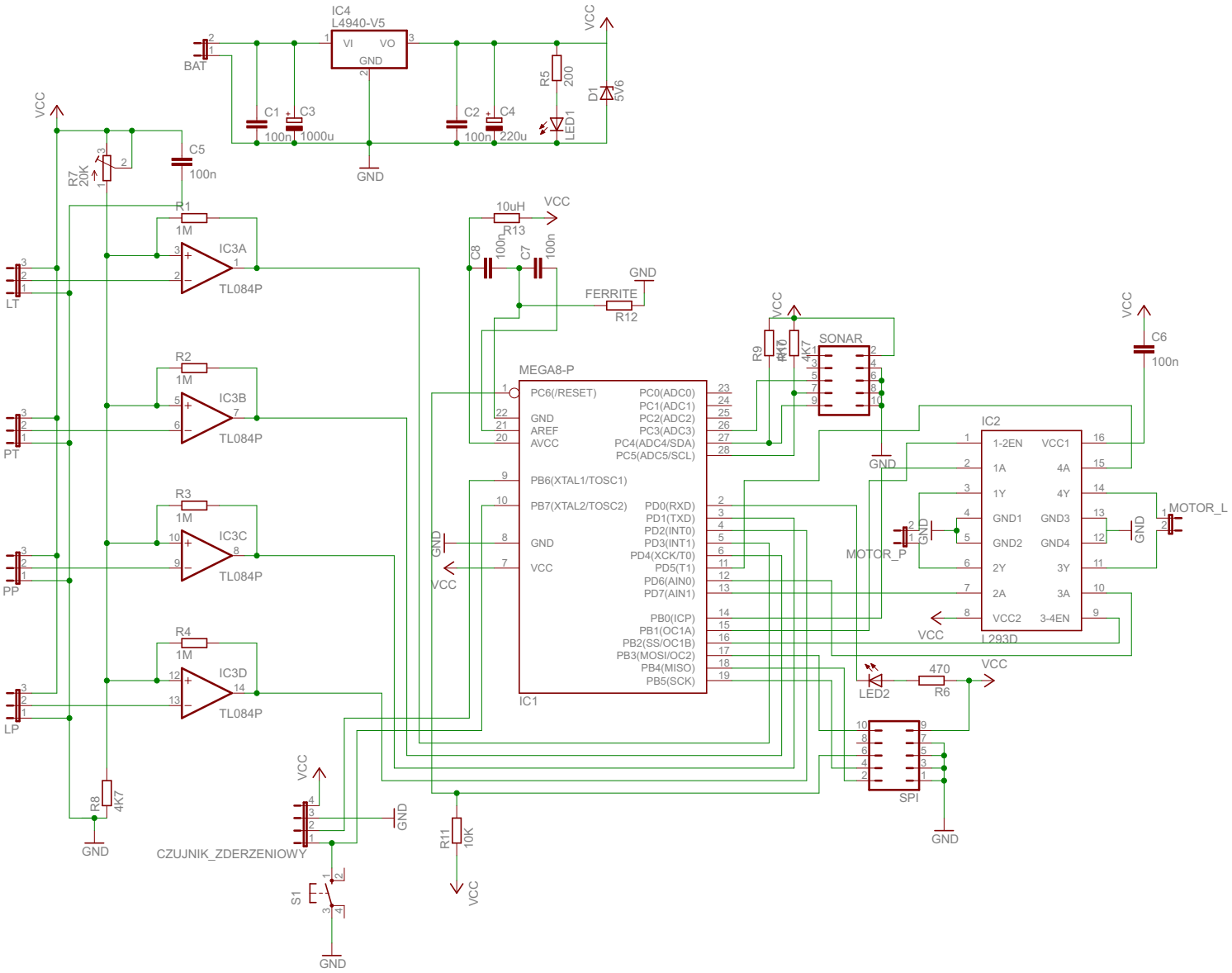

IC4
L4940-V5
VI
VO
GND
BAT
C1
100n
C3
1000u
C2
100n
C4
220u
R5
200
LED1
D1
5V6
VCC
GND
R7
20K
C5
100n
R1
1M
IC3A
TL084P
LT
R2
1M
IC3B
TL084P
PT
R3
1M
IC3C
TL084P
PP
R4
1M
IC3D
TL084P
LP
R8
4K7
10uH
R13
C8
100n
C7
100n
FERRITE
R12
MEGA8-P
PC6(/RESET)
GND
AREF
AVCC
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
GND
VCC
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
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)
IC1
R9
4K7
R10
4K7
SONAR
C6
100n
IC2
1-2EN
VCC1
1A
4A
1Y
4Y
GND1
GND3
GND2
GND4
2Y
3Y
2A
3A
VCC2
3-4EN
L293D
MOTOR_L
MOTOR_P
LED2
470
R6
SPI
CZUJNIK_ZDERZENIOWY
S1
R11
10K