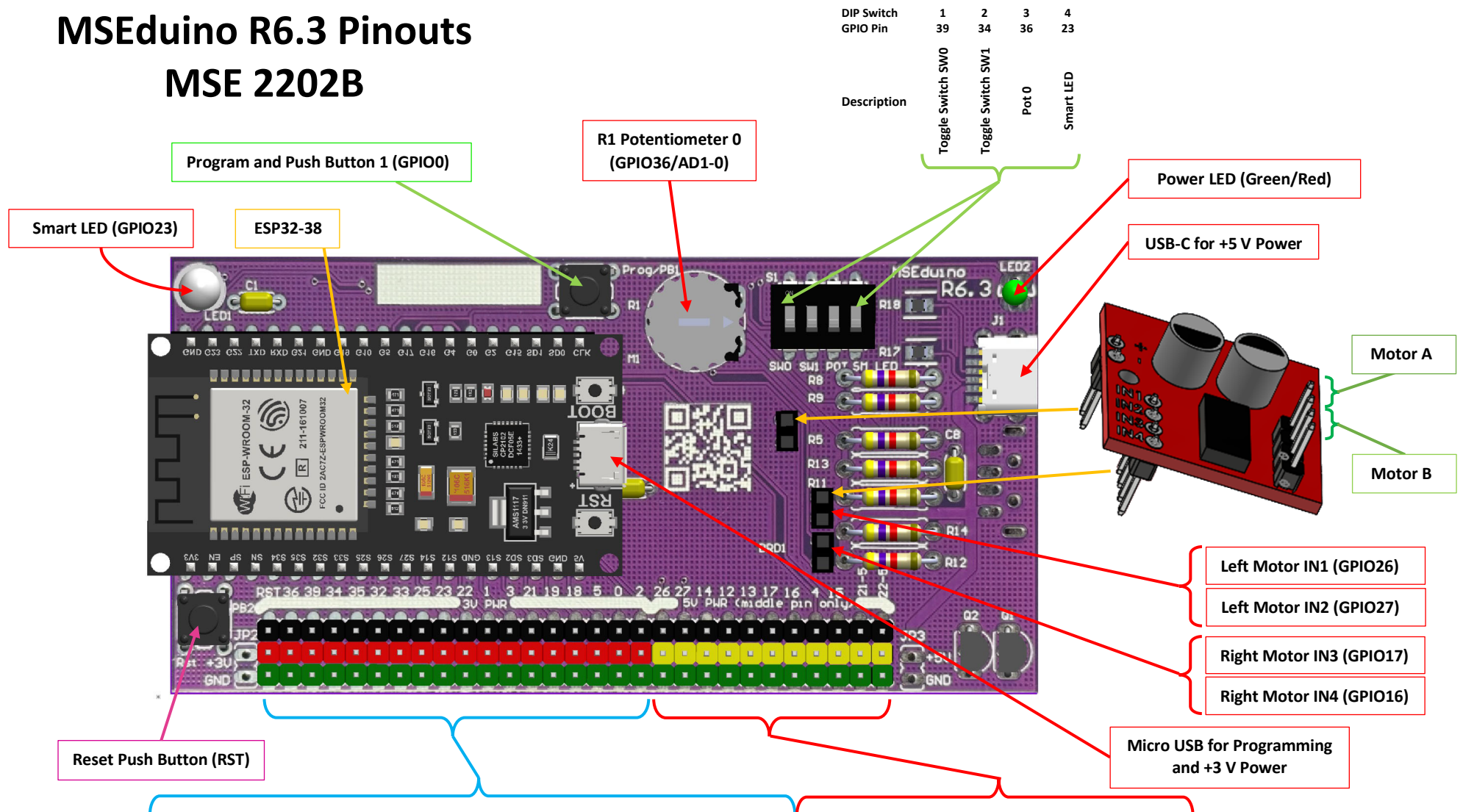


MSEduino R6.3 Pinouts

MSE 2202B



DIP Switch	1	2	3	4
GPIO Pin	39	34	36	23
Description	Toggle Switch SW0	Toggle Switch SW1	Pot 0	Smart LED

Pin	Header	RST	J36	J39	J34	J35	J32	J33	J25	J23	J22	J1	J3	J21	J19	J18	J5	J0	J2	J26	J27	J14	J12	J13	J17	J16	J4	J15	J21-5	J22-5
1	GPIO Pin		36	39	34	35	32	33	25	23	22	1	3	21	19	18	5	0	2	26	27	14	12	13	17	16	4	15	21	22
2	Power	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+3 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V	+5 V
3	Ground	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
Description		Reset	Pot 0 /AD1-0	Toggle Switch SW0 /AD1-3 (DIP S1-1)	Toggle Switch SW1 /AD1-6 (DIP S1-2)	Left Encoder C1 /AD1-7	Left Encoder C2 /AD1-4	Right Encoder C1 /AD1-5	Right Encoder C2 /AD2-8	Smart LED	I2C CLK +3 V	GPIO /Tx out	GPIO /Rx in	I2C DA +3 V	GPIO	GPIO	GPIO	Prog/PB1 /AD2-1	GPIO /AD2-2	Left Motor IN1 /AD2-9	Left Motor IN2 /AD2-7	GPIO /AD2-6	GPIO /AD2-5	Claw Servo /AD2-4	Right Motor IN3	Right Motor IN4	GPIO /AD2-0	GPIO /AD2-3	I2C DA +5 V	I2C CLK +5 V