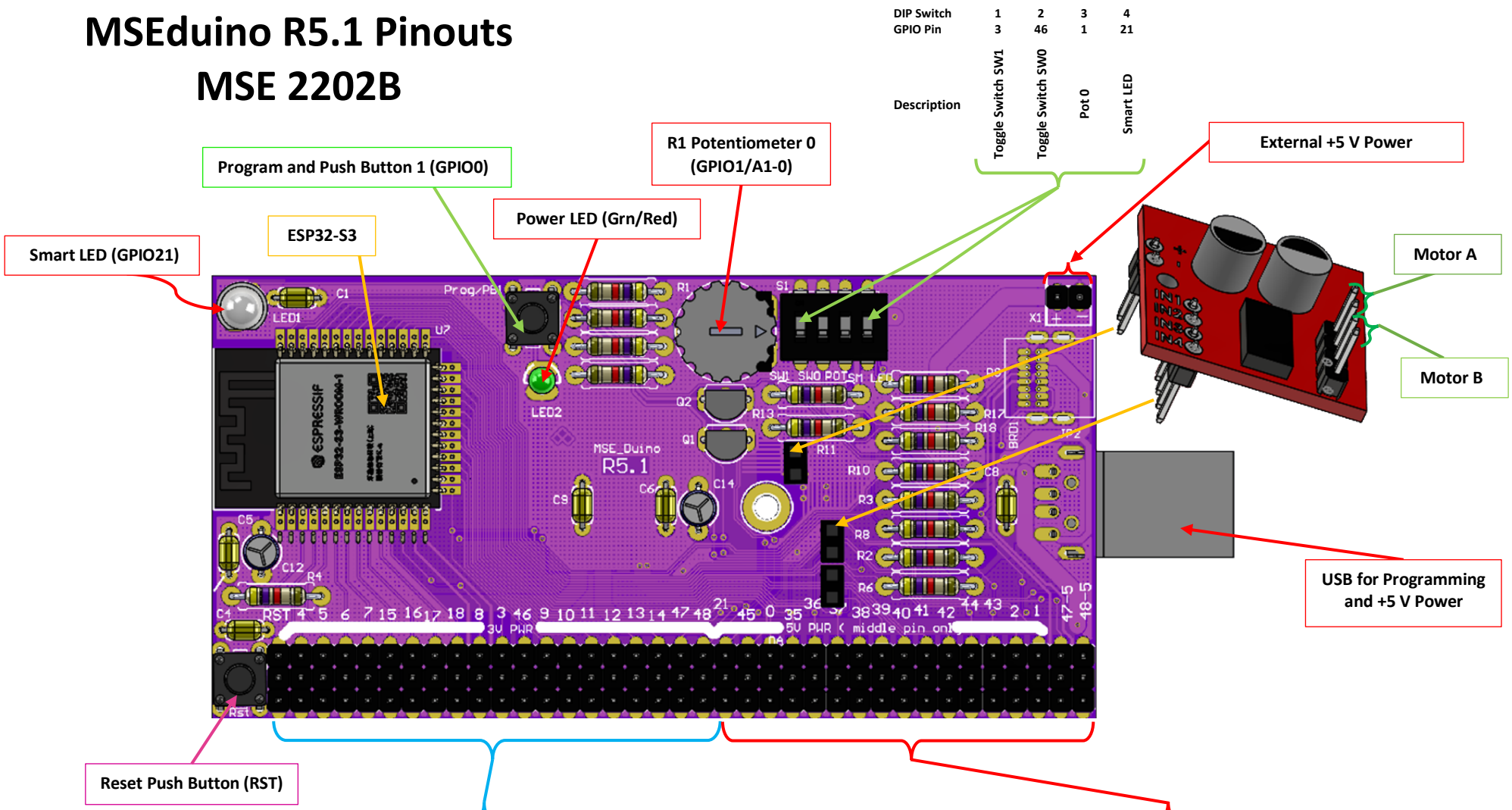
MSEduino R5.1 Pinouts
MSE 2202B



Pin	Header	RST	J4	J5	J6	J7	J15	J16	J17	J18	J8	J3	J46	J9	J10	J11	J12	J13	J14	J47	J48
1	GPIO Pin		4	5	6	7	15	16	17	18	8	3	46	9	10	11	12	13	14	47	48
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	+3 V	+3 V
3	Ground	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
Description		Reset Pin	GPIO /AD1-3	GPIO /AD1-4	GPIO /AD1-5	GPIO /AD1-6	Left Encoder C1 /AD2-4	Left Encoder C2 /AD2-5	GPIO /AD2-6	GPIO /AD2-7	GPIO /AD1-7	Toggle Switch SW1 /AD1-2 (DIP S1-1)	Toggle Switch SW0 (DIP S1-2)	GPIO /AD1-8	GPIO /AD1-9	Right Encoder C1 /AD2-0	Right Encoder C1 /AD2-1	GPIO /AD2-2	GPIO /AD2-3	I2C DA +3 V	2C CLK +3 V

Pin	Header	J21	J45	J0	J35	J36	J37	J38	J39	J40	J41	J42	J44	J43	J2	J1	J47-5	J48-5
1	GPIO Pin	21	45	0	35	36	37	38	39	40	41	42	44	43	2	1	47	48
2	Power	+5 V	+5 V	+5 V	+5 V	+5 V	+5 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
Description		Smart LED	GPIO (do not tie high)	Prog /PB1	Left Motor IN1	Left Motor IN2	Right Motor IN3	Right Motor IN4	GPIO	GPIO	Arm Servo	Claw Servo	GPIO /Rx in	GPIO /Tx out	GPIO /AD1-1	Pot 0 /AD1-0	I2C DA +5 V	2C CLK +5 V