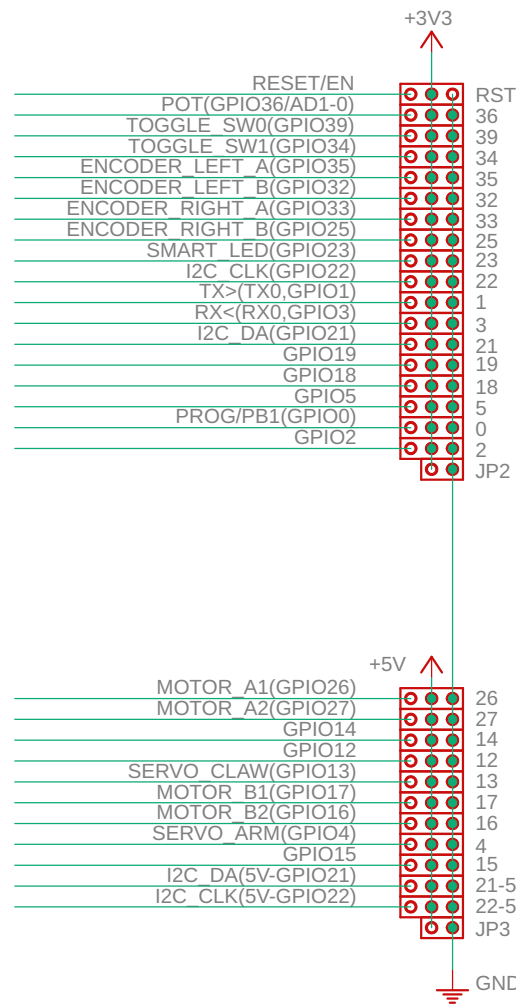


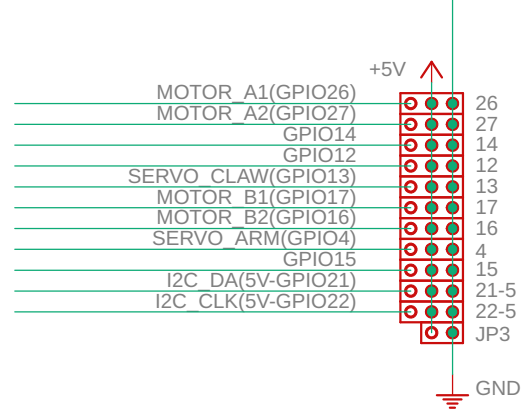
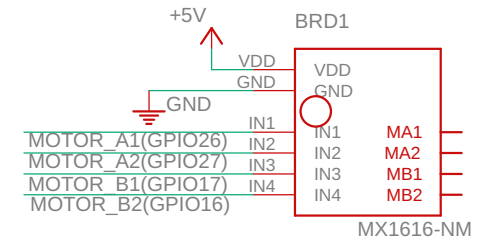
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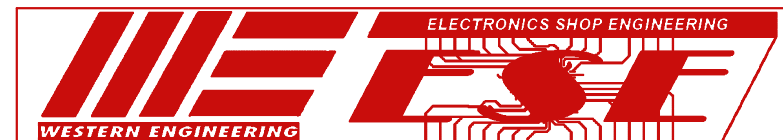
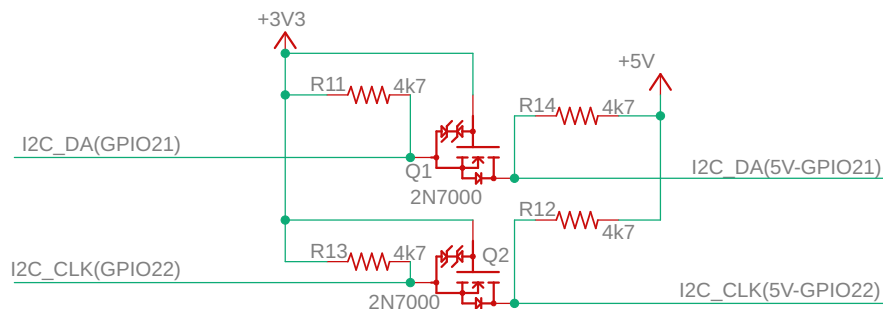
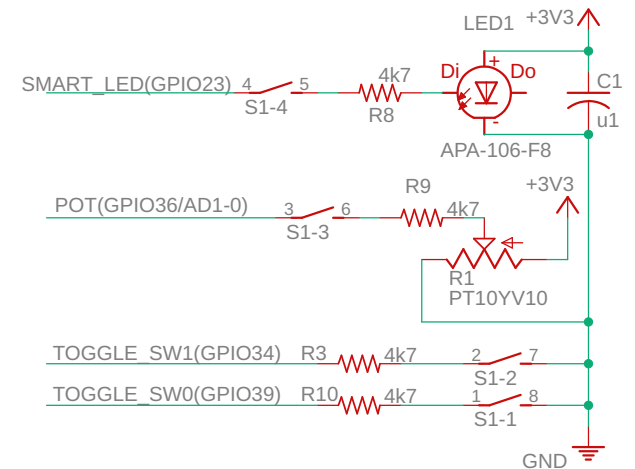
!! GPIO pins are NOT 5V tolerant *!!*

GPIO	On Boot	BOT_USAGE	Analog I/O
--	--	--	--
USER (GPIO36)	Input Only	Pot 0	AD1-0
USER (GPIO39)	Input Only	TOGGLE SW 0	AD1-3
USER (GPIO34)	Input Only	TOGGLE SW 1	AD1-6
USER (GPIO35)	Input Only	EN LEFT A	AD1-7
USER (GPIO32)	Input Only	EN LEFT B	AD1-4
USER (GPIO33)	--	EN RIGHT A	AD1-5
USER (GPIO25)	--	EN RIGHT B	AD2-8
USER (GPIO23)	--	SMART LED	N/A
USER (GPIO22)	--	3V-I2C_CLK	N/A
USER (GPIO1)	High at boot, DEBUG O/P	Tx>	N/A
USER (GPIO3)	High at boot	Rx<	N/A
USER (GPIO21)	--	3V-I2C_DA	N/A
USER (GPIO19)	--	N/A	N/A
USER (GPIO18)	--	--	N/A
USER (GPIO5)	Don't tie low at boot, O/Ps PWM	N/A	N/A
USER (GPIO0)	Strapping pin, O/Ps PWM	Prog/PB 1	AD2-1
USER (GPIO2)	Strapping pin, On-board LED	--	AD2-2



!! These pins are NOT 5V tolerant *!!*

GPIO	On Boot	5V power	Analog I/O
USER (GPIO26)	--	MOTOR 1 A	AD2-9
USER (GPIO27)	--	MOTOR 1 B	AD2-7
USER (GPIO14)	Don't tie low at boot, O/Ps PWM	N/A	AD2-6
USER (GPIO12)	Don't tie high at boot	N/A	AD2-5
USER (GPIO13)	--	SERVO Claw	AD2-4
USER (GPIO17)	--	MOTOR 2 A	N/A
USER (GPIO16)	--	MOTOR 2 B	N/A
USER (GPIO4)	--	SERVO Arm	AD2-0
USER (GPIO15)	Don't tie low at boot, O/Ps PWM	N/A	AD2-3
5V-I2C_DA	--	5V-I2C_DA	N/A
5V-I2C_CLK	--	5V-I2C_CLK	N/A



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