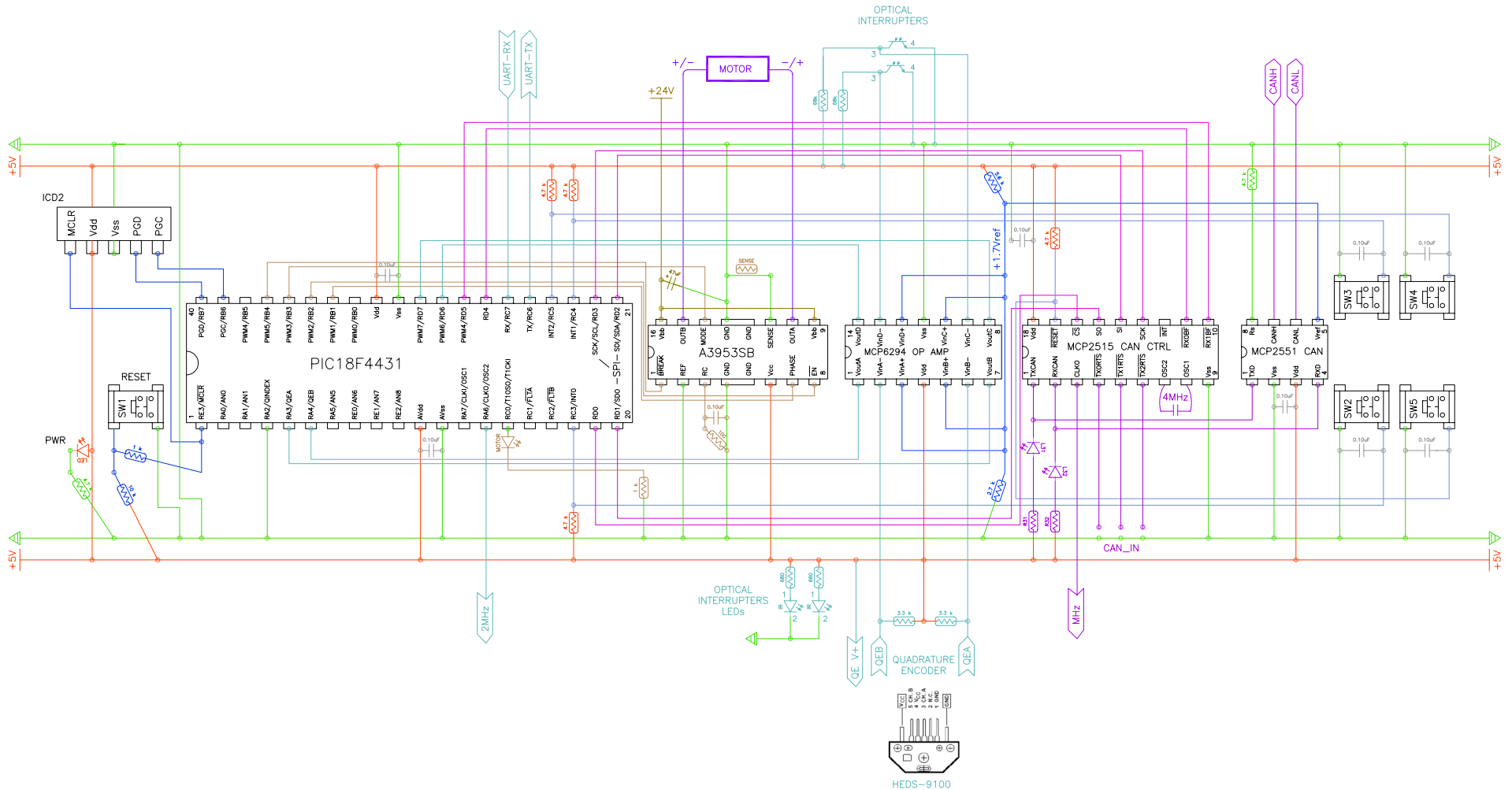


# Motor Controller Prototype -- Model 2



Component	Description	Resistor	Qty	Resistor	Qty	Capacitor	Qty
PIC18F4431	Micro Controller	100	1	2.7k	1	0.1uF	9
A3953SBT	Motor Driver	680	2	3.3k	2	47uF	1
MCP6294	Quad Op Amp			4.7k	5		
MCP2515	CAN Controller			5.6k	1	Switches	5
MCP2551	CAN Transceiver	1k	2	10k	1	LEDs	—
HEDS-9100	Quadrature Encoder			68k	2		

EET/EGR Robot Controller Project  
Anne Arundel Community College

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