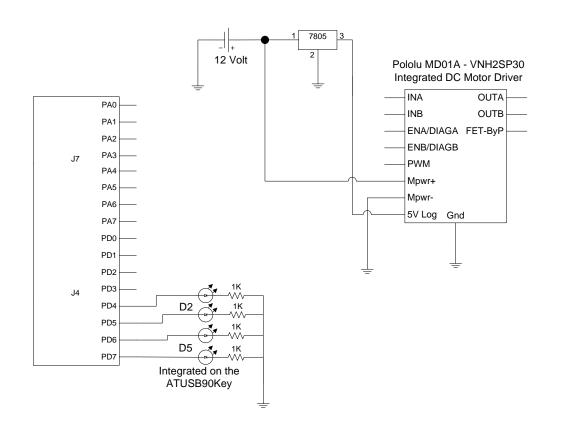
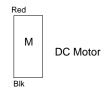
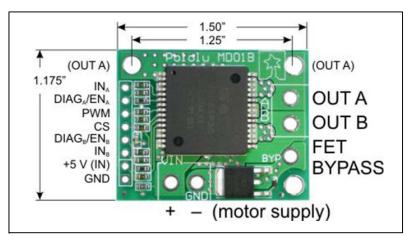
Appendix A: UVic Mechatronics Milestone 4 – Interfacing Worksheet 2



MCU Input / Output Port Voltage
Levels
For Vcc = 2.7-5.5V
VIL = -0.5 to 0.2 V
VIH = 0.6*Vcc to Vcc+0.5 V

For Vcc = 3V VOL = 0.2 to 0.5 V VOH = 2.3 to 2.6 V





INA	IN _B	DIAG _A /EN _A	DIAG _B /EN _B	OUTA	OUTB	cs	Operating mode
1	1	1	1	Н	Н	High Imp.	Brake to V _{CC}
1	0	1	1	Н	L	Isense=Iout/K	Clockwise (CW)
0	1	1	1	L	Н	I _{SENSE} =I _{OUT} /K	Counterclockwise (CCW)
0	0	1	1	L	L	High Imp.	Brake to GND