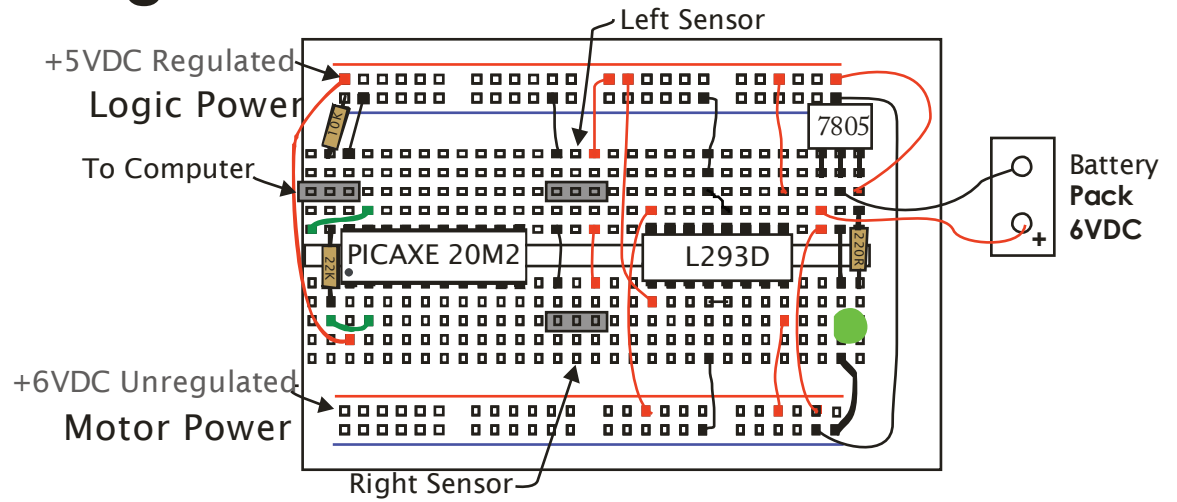


TER3M0 Robot Motor Controls

Pictorial Diagram



Pinout Diagram

PICAXE-20M2

+V	1	20	0V
Serial In	2	19	Serial Out (DAC)
(Touch / ADC / Out / In) C.7	3	18	B.0 (In / Out / ADC / Touch / SRI)
(In) C.6	4	17	B.1 (In / Out / ADC / Touch / SRQ / pwm)
(hpwm A / pwm / Out / In) C.5	5	16	B.2 (In / Out / ADC / Touch)
(hpwm B / Out / In) C.4	6	15	B.3 (In / Out / ADC / Touch)
(hpwm C / pwm / Touch / ADC / Out / In) C.3	7	14	B.4 (In / Out / ADC / Touch / hpwm D)
(kb clk / pwm / Touch / ADC / Out / In) C.2	8	13	B.5 (In / Out / ADC / Touch / hi2c sda)
(kb data / Touch / ADC / Out / In) C.1	9	12	B.6 (In / Out / ADC / Touch / hserin)
(hserout / Out / In) C.0	10	11	B.7 (In / Out / hi2c scl)

Logic Diagram

PICAXE 20M2 Microcontroller

Vcc Pin 1
GND Pin 20

L293D Dual H-Bridge

Vcc Pins 8, 16
GND Pins 4,5,12,13

