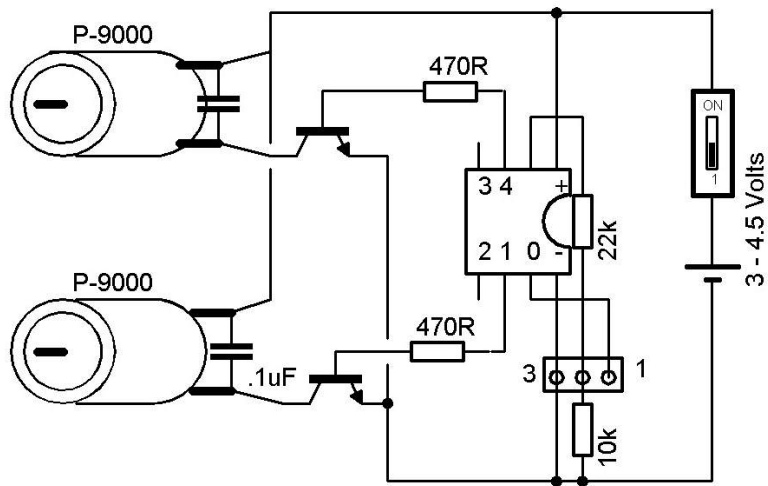


Dual Motor Control



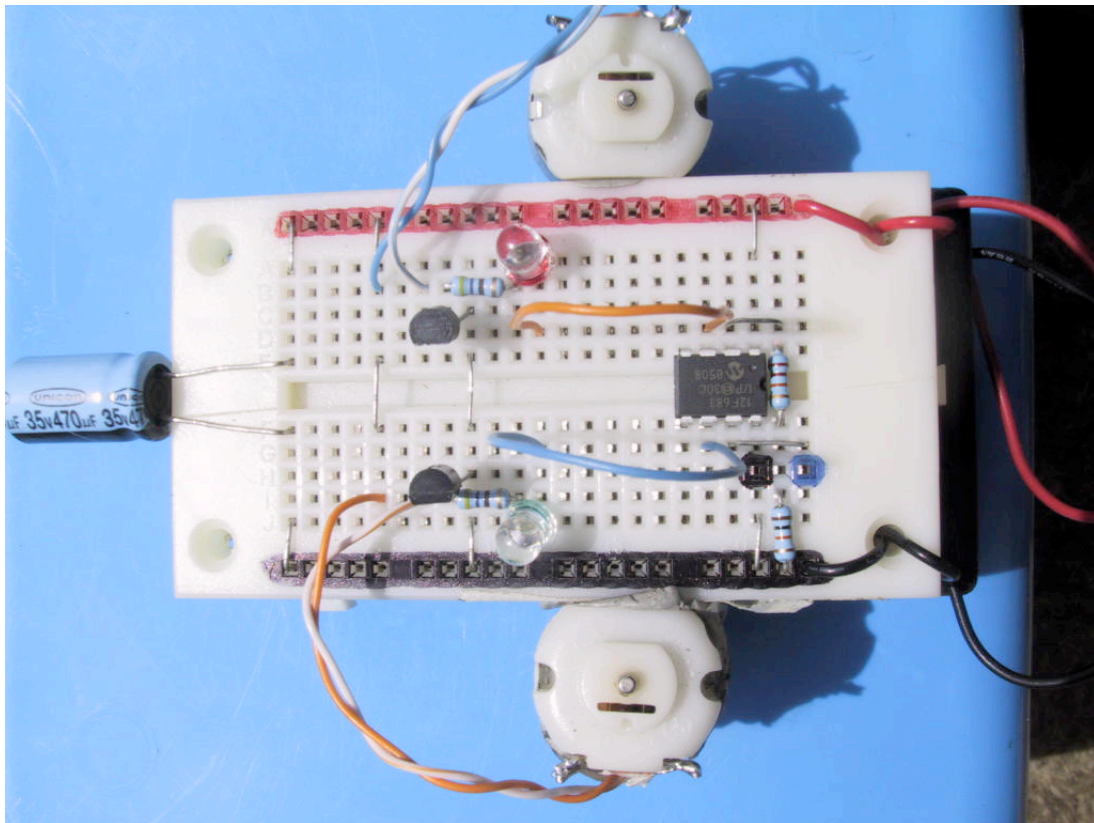
Loopa:

(Add commands here to switch on and switch off the motors)

(High/Low or Switch On and Switch Off commands may be used)

(LED's may be placed in series with the 470 Ohm resistors)

goto loopa



- Small low current motors (“P-9000” type) can be driven directly off the same battery pack with simple ON / OFF control to make simple robotic projects
- ‘Back Emf’ freewheeling diodes are not required for low power high impedance motors
- The transistors act as electronic ‘switches’ controlled by signal current from the picaxe via the 470 Ohm resistors
- Refer to Help Section PICAXE Help section Manual III Standard Interfacing Circuits for more circuits, ideas and programming tips
- 100nF ceramic capacitor MUST be placed directly across motor brush contacts prevent sparks and spikes resetting the PICAXE chip

- **LED's placed in series with the 470 Ohm base resistors are a good idea to see what is happening in the circuit**