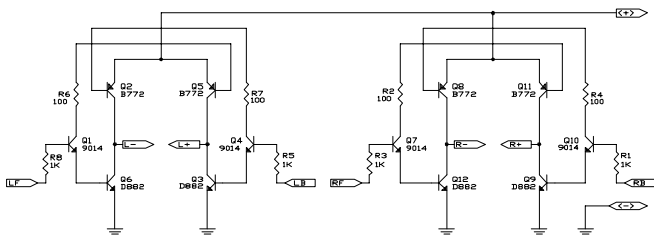
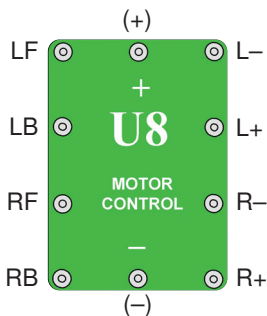


# Motor Control IC

The **Motor Control IC** module (only in SCROV-10 R/C Snap Rover) contains 16 transistors and resistors that are usually needed to control the motors. Its schematic looks like this:



Its Snap Circuits connections are like this:



## Motor Control:

- (+) - power from batteries
- (-) - power return to batteries
- LF - left forward control input
- LB - left backward control input
- RF - right forward control input
- RB - right backward control input
- L+ - left forward motor drive
- L- - left backward motor drive
- R+ - right forward motor drive
- R- - right backward motor drive

This module is needed because the R/C receiver module cannot provide enough power to operate the motors directly. The transistors inside also control the direction the motors spin.