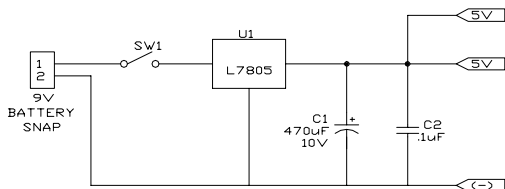
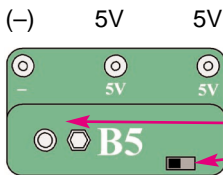


9V Holder & SW

The **9V battery holder & switch** module (only in SCP-03) contains a voltage regulation circuit and on/off switch. It provides a very stable 5V that is needed for modules like the motion detector. Its schematic is looks like this:



Its Snap Circuits connections are like this:



9V Holder & SW:

- 5V - regulated 5V outputs
- (-) - power return to battery
- Snap for 9V battery
- ON/OFF switch

This module uses a 9V battery and has an output of 5V, until the battery gets very weak. The voltage from the battery may vary a little as the circuit current changes, but the 5V output from the module will not vary nearly as much. This module will not work properly if the circuit current is higher than 500mA.