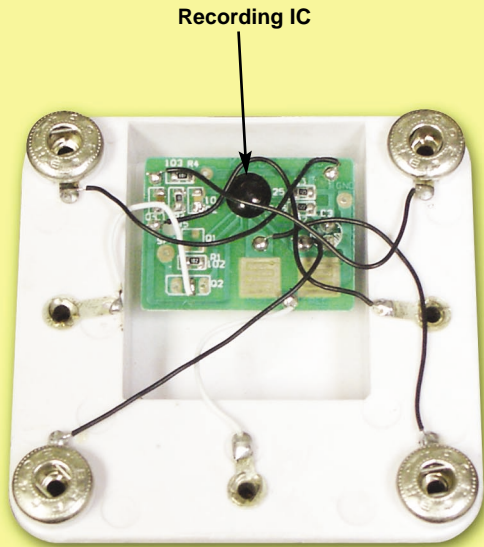


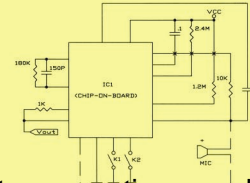
Recording IC

The **Recording IC** (not in SC-100 or SC-300) is a module containing a specialized recording integrated circuit and supporting resistors and capacitors that are always needed with it. The inside looks like this:

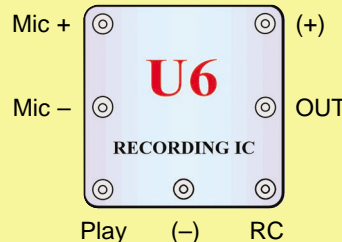


Recording IC (U6)

Note that the parts here are miniaturized and “surface-mounted” to the printed circuit board. The actual recording IC is under the black blob of protective plastic. Its actual schematic looks like this:



Its Snap Circuits connections are like this:



Recording IC Module:

- (+) - power from batteries
- (-) - power return to batteries
- RC - record
- Play - play
- OUT - output connection
- Mic + - microphone input
- Mic - - microphone input

The recording IC can record and play back a message up to eight seconds long. There are also three pre-recorded songs.