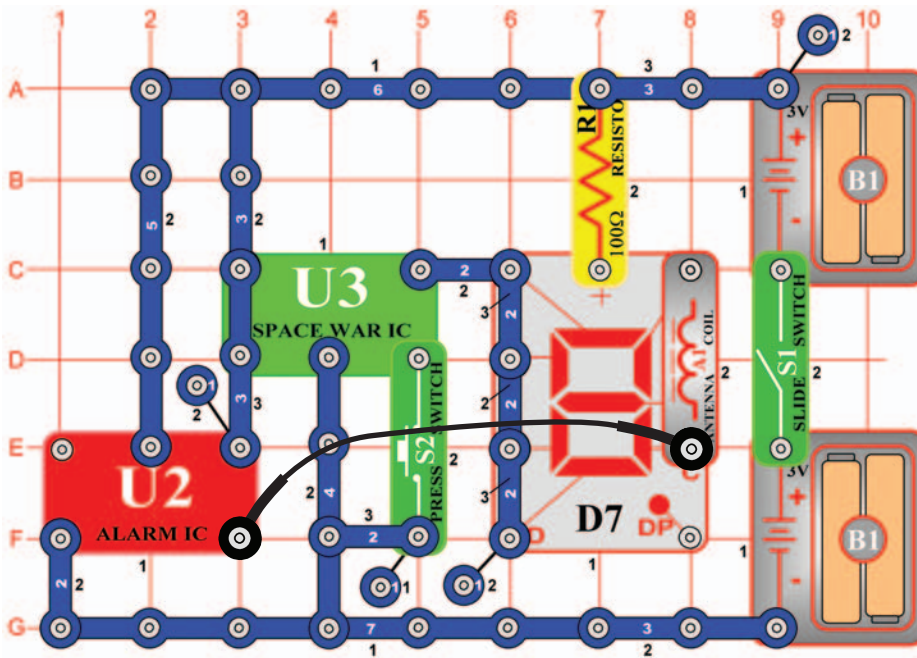


Project #A65 Repeating Flasher

OBJECTIVE: To build a circuit that uses the alarm IC and space war IC to make the 7-segment display flash.



Turn on the slide switch (S1) and “1” is flashing on the display. Then press switch S2 and “0” is displayed or flashes briefly.

Place speaker across C5-C7 (use two 1-snaps) and you hear space war sounds instead of seeing “0” (“1” is always flashing).

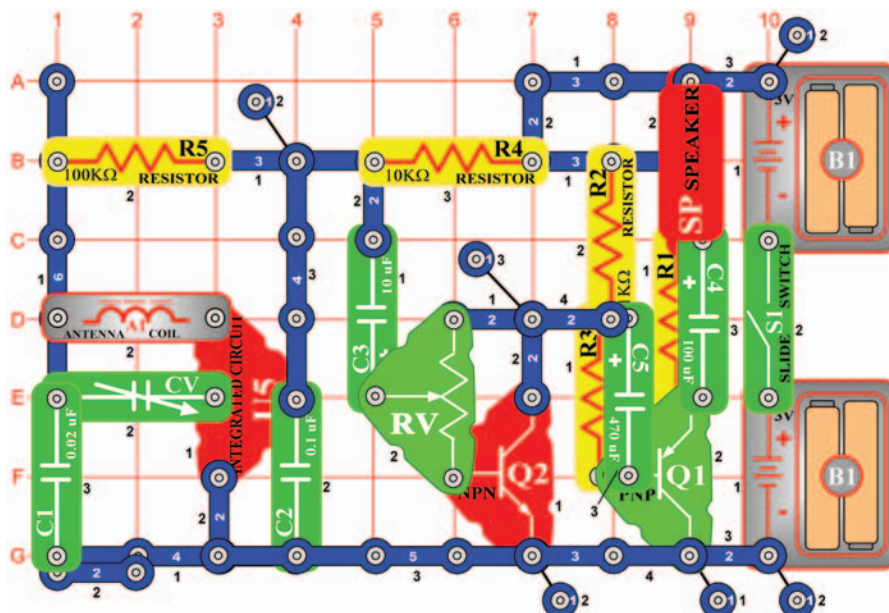
Place speaker across E8-C8 (use two 1-snaps) and “1” is on (not flashing) and you hear alarm sounds. Pressing S2 makes “0” flash and you hear space war sounds.

Other numbers can be displayed instead.

Requires SC-500 or larger parts set.

Project #A66 AM Radio with Transistors

OBJECTIVE: To build a complete, working AM radio with transistor output.



When you close the slide switch (S1), the integrated circuit (U5) should amplify and detect the AM radio waves. Tune the capacitor (CV) to the desirable station. The adjustable resistor (RV) is used as a simple resistor since the center tap is not used. The two transistors drive the speaker to complete the radio. The radio will not be very loud.

Requires SC-300 or larger parts set.