

S90 ADJUSTABLE TONE GENERATOR



1x potentiometer



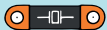
2x transistor NPN



2x resistor 1kΩ



2x capacitor 100nF



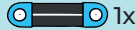
1x buzzer



2x resistor 10kΩ



1x battery



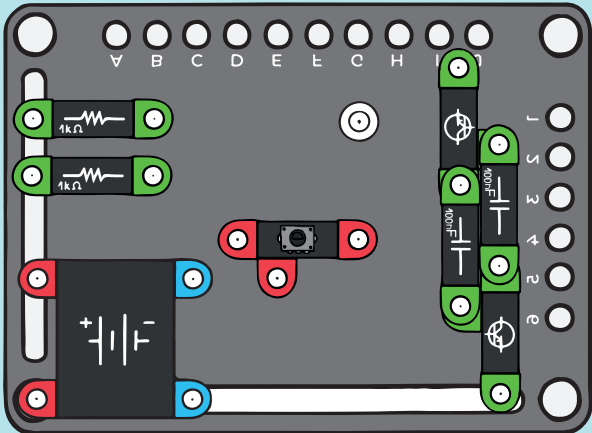
⊙ 1x



2x

By suitably selecting components, we can force the L590 circuit to flip so rapidly that the change in electric current is able to cause the buzzer diaphragm to vibrate so fast that we hear a tone. In addition, we can use the potentiometer to influence the capacitor charging speed and thus change the pitch

1.



2.

