

Q1 BC559C

Q2 BC559C

Q3 BC549C

R1 1M

R2 2M

R3 5M

R4 2M

R5 1M5

R6 33k

R7 33k

R8 270R

SG1 piezo 12mm diameter

Applications

The Curious C-Beeper will become indispensable in virtually no time!

- ◆ Quickly match capacitors and trimmers. Forget the capacitance meter when matching parts from the parts bin or selecting a fixed value to replace a trimmer - the "fingers as conductors" feature makes the C-Beeper super-fast when searching for that perfect value.
- ◆ Easily detect tiny variations when a capacitor is heated or cooled to quickly discriminate between NPOs and "Stable" dielectrics. General purpose and temperature compensating dielectric are quite easy to spot.
- ◆ The C-Beeper makes an excellent cable fault locator - the end with the open will have less capacitance and beep at a much higher pitch or not at all. A break along an unshielded bundle can be spotted by grabbing the bundle at various points while listening for the capacitance change.
- ◆ Identify which wire is which at the end of a bundle without stripping back the insulation. Touch the bare wire at one end with the C-beeper probe and pinch the still-insulated wires at the opposite end. The right wire will drop the pitch.
- ◆ Identify traces on unpopulated PCBs right through solder mask - touch the C-beeper to the exposed end of the trace and use a finger to follow the trace across the board.
- ◆ Check the value of feedthrough capacitors after they are installed - a difficult operation with a capacitance meter.
- ◆ Identify varicap diodes. They beep at a much lower pitch than regular diodes.
- ◆ Make a small flat plate electrode and line voltage electric fields may be detected. Follow wires behind walls and ceilings or determine if wires are "hot" without touching them. The C-Beeper's tone is modulated by the AC voltage causing a warbling sound. Circuits with lamp dimmers, solid-state switches or fluorescent bulbs are especially easy to detect due to the harmonics on the line.

<http://www.hamshop.cz>