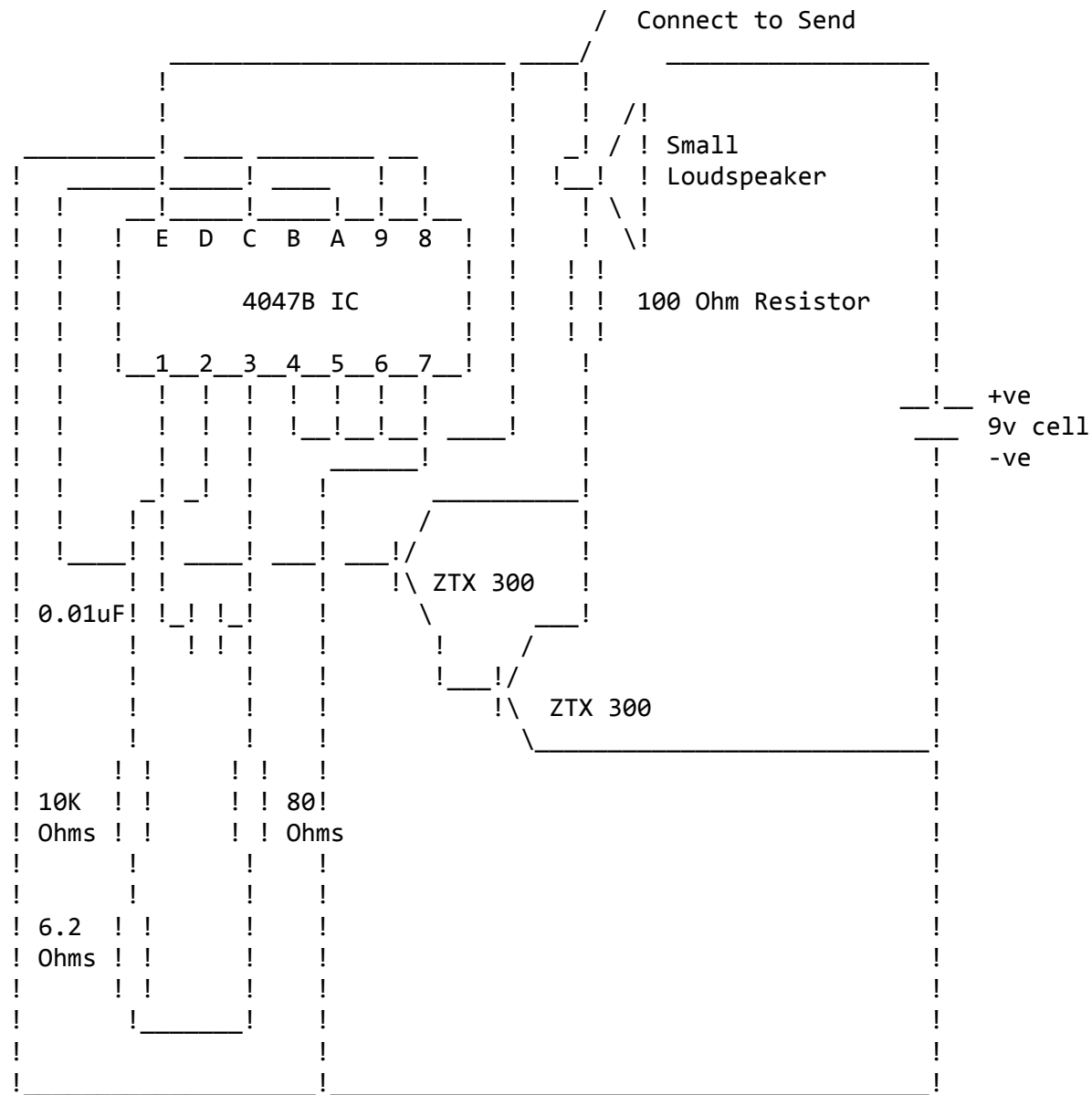


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2280hz Blue Box Circuit - from 0943 817010 *** OPEN SOON ***

Circuit Diagram -



Components List -

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1 4047B IC (about 25p)
2 ZTX 300 transistors (about 14p each)
1 0.01uF ceramic disc capacitor (about 5p)
1 10K resistor (about 2p)
1 100 ohm resistor (about 2p)
1 80 ohm resistor (about 2p)
1 6.2 ohm resistor (about 2p)
1 10x24 veroboard (about 40p)
1 Miniature Loudspeaker (about 90p)
1 Push to connect switch (about 40p)

Total cost 2.20

Extras -

1 blue coloured box (spray this pink to conceal purpose of device)
1 9v battery

Construction -

The device is very simple to construct and can be made small enough to fit onto a 10x24 veroboard.

Note: ZTX 300 Transistor

 / collector
base !/
 !\
 \ emitter

How the Device Works -

The three resistors and the capacitor set the frequency.
If the capacitor is 0.1uF then the resistor value can be calculated in the following way:

$$R = \frac{23000000}{\text{frequency}}$$

So, the resistor value for 2600hz would be:

$$R = \frac{23000000}{2600} = 8846.15 \text{ Ohms (this is no good, however because it must be more than 10K)}$$

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The frequency that the 4047B outputs is then amplified by the two transistors(a darlington pair) before being put through the loudspeaker.

Using the Device -

- 1) Dial a long-distance unobtainable number.
- 2) Hold the speaker against the phone microphone.
- 3) Send the 2280hz tone by holding the switch down on the device.
- 4) Pulse/Tone(exchange dependent)dial the exchange number.
- 5) Dial number to connect to.

For more information on this see 'phreak' on 0943 817010 (24 hours)

** OPEN SOON **

NB: DO NOT CONNECT THIS DEVICE INDIRECTLY OR DIRECTLY TO ANY TELEPHONE NETWORK IN THE UK.

Feel free to add your own credits, but don't remove those that are already there !

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