

Permanent Electronics 2018  
 PE.DIY-001 CSSTB rev1

| Part    | Value                     | Device         | Package              | Part | Value     | Description |
|---------|---------------------------|----------------|----------------------|------|-----------|-------------|
| C10     | .0039uF                   | 5mm spacing    | Ceramic / Film / Box | R3   | 100k      | 1/4 watt    |
| C11     | .012uF                    | 5mm spacing    | Ceramic / Film / Box | R10  | 100k      | 1/4 watt    |
| C1      | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R14  | 100k      | 1/4 watt    |
| C3      | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R21  | 100k      | 1/4 watt    |
| C4      | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R6   | 100R      | 1/4 watt    |
| C7      | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R11  | 100R      | 1/4 watt    |
| C9      | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R17  | 100R      | 1/4 watt    |
| C12     | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R24  | 100R      | 1/4 watt    |
| C13     | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R5   | 10k       | 1/4 watt    |
| C14     | .1uF                      | 5mm spacing    | Ceramic / Film / Box | R8   | 10k       | 1/4 watt    |
| C2      | 470pF                     | 3mm spacing    | Ceramic / Film / Box | R12  | 10k       | 1/4 watt    |
| C6      | 470pF                     | 3mm spacing    | Ceramic / Film / Box | R13  | 10k       | 1/4 watt    |
| C8      | 470pF                     | 3mm spacing    | Ceramic / Film / Box | R16  | 10k       | 1/4 watt    |
| C15     | 22-47uF                   | 25v or more    |                      | R23  | 10k       | 1/4 watt    |
| D1      | 1N4004                    | DO-41 Package  |                      | R1   | 1M        | 1/4 watt    |
| D2      | 1n4148                    | DO-35 Package  | *experiment*         | R22  | 2k7       | 1/4 watt    |
| D3      | 1n4148                    | DO-35 Package  | *experiment*         | R2   | 33k       | 1/4 watt    |
| Q1      | BC169b, BC546, 2N5088 etc | NPN Transistor |                      | R18  | 33k       | 1/4 watt    |
| Q2      | BC169b, BC546, 2N5088 etc | NPN Transistor |                      | R19  | 33k       | 1/4 watt    |
| Q3      | BC169b, BC546, 2N5088 etc | NPN Transistor |                      | R4   | 470k      | 1/4 watt    |
| Q4      | BC169b, BC546, 2N5088 etc | NPN Transistor |                      | R9   | 470k      | 1/4 watt    |
| OUTPUT  | 100kB or A                |                | 16mm Potentiometers  | R15  | 470k      | 1/4 watt    |
| SUSTAIN | 100kB or A                |                | 16mm Potentiometers  | R20  | 470k      | 1/4 watt    |
| TONE    | 100kB or A                |                | 16mm Potentiometers  | R7   | 560R - 1k | 1/4 watt    |
|         |                           |                |                      | CLR  | 4.7-12k   | 1/4 watt    |

more info available at [permanentelectronics.com](http://permanentelectronics.com)