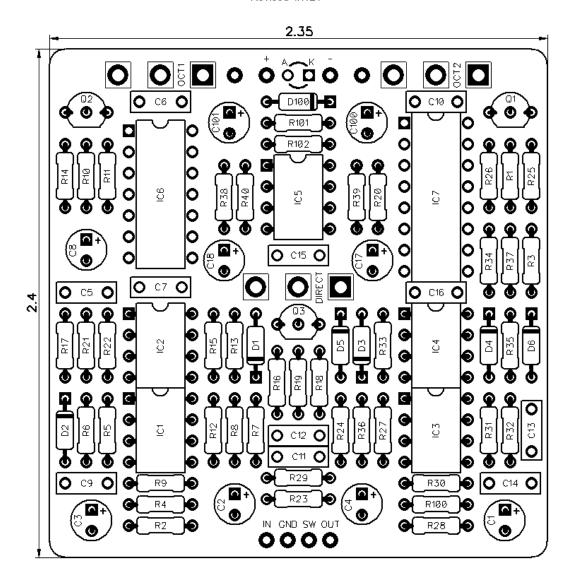


Revised 4/7/21



CONTROLS AND FEATURES

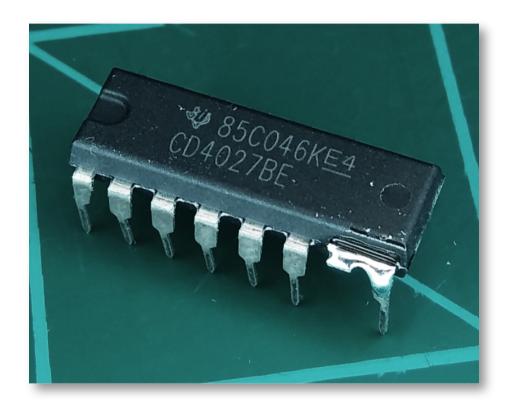
- Octave 1
- Octave 2
- Direct

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Ocelot Octaver

CD4027BE Modification



Which boards are affected?

This modification is only required for Revision 1 PCBs. This is not required for any PCB marked "Rev 2" or beyond. (See back of PCB below PCB362 marking)

What does this modification do?

The original OC-2 circuit used an out of production integrated circuit (BA634). The Ocelot Octaver has been designed to work with the commonly available CD4027BE CMOS IC.

This modification allows proper operation of the Octave -2 function. The pedal will still function if you do not perform the modification, but Octave -2 will be a low-pass filtered duplicate of Octave -1.

Instructions

- 1. Solder a short jumper wire across pins 7 and 8
- 2. Clip pin 7 leaving the jumper intact
- 3. Install in PCB or socket as usual



Ocelot Octaver

Parts List (Page 1 of 2)

| R2 1M Resistor, 1/4W R3 100K Resistor, 1/4W R4 1M Resistor, 1/4W R5 10K Resistor, 1/4W R6 2K7 Resistor, 1/4W R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W <t< th=""><th>LOCATION</th><th>VALUE</th><th>TYPE</th><th>NOTES</th></t<> | LOCATION | VALUE | TYPE | NOTES |
|--|----------|-------|---------------------------------------|-------|
| R2 | R1 | 100K | Resistor, 1/4W | |
| R3 100K Resistor, 1/4W R4 1M Resistor, 1/4W R5 10K Resistor, 1/4W R6 2K7 Resistor, 1/4W R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W | R2 | 1M | · | |
| R4 1M Resistor, 1/4W R5 10K Resistor, 1/4W R6 2K7 Resistor, 1/4W R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W | R3 | 100K | | |
| R6 2k7 Resistor, 1/4W R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W | | 1M | Resistor, 1/4W | |
| R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W <td>R5</td> <td>10K</td> <td>Resistor, 1/4W</td> <td></td> | R5 | 10K | Resistor, 1/4W | |
| R7 47K Resistor, 1/4W R8 47K Resistor, 1/4W R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W <td>R6</td> <td>2K7</td> <td>Resistor, 1/4W</td> <td></td> | R6 | 2K7 | Resistor, 1/4W | |
| R9 100K Resistor, 1/4W R10 1M Resistor, 1/4W R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R30 330K Resistor, 1/4W < | R7 | 47K | Resistor, 1/4W | |
| R10 1M Resistor, 1/4W R11 1IM Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W | R8 | 47K | Resistor, 1/4W | |
| R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 330K Resistor, 1/4W R28 18 100K Resistor, 1/4W R29 22K Resistor, 1/4W R29 22K Resistor, 1/4W R29 100K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 10K Resistor, 1/4W R33 330K Resistor, 1/4W R34 Resistor, 1/4W R35 10K Resistor, 1/4W R36 Resistor, 1/4W R37 130K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R39 10K Resistor, 1/4W R39 10K Resistor, 1/4W R39 12K Resistor, 1/4W R30 14K Resistor, 1/4W R31 14K Resistor, 1/4W R32 15K Resistor, 1/4W R33 15K Resistor, 1/4W R34 16K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 11K Resistor, 1/4W R38 11K Resistor, 1/4W R39 12K Resistor, 1/4W R39 12K Resistor, 1/4W R39 12K Resistor, 1/4W R40 12K RESI | R9 | 100K | Resistor, 1/4W | |
| R11 1M Resistor, 1/4W R12 27K Resistor, 1/4W R13 22K Resistor, 1/4W R14 330K Resistor, 1/4W R15 330K Resistor, 1/4W R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 330K Resistor, 1/4W R28 18 100K Resistor, 1/4W R29 22K Resistor, 1/4W R29 22K Resistor, 1/4W R29 100K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 10K Resistor, 1/4W R33 330K Resistor, 1/4W R34 Resistor, 1/4W R35 10K Resistor, 1/4W R36 Resistor, 1/4W R37 130K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R39 10K Resistor, 1/4W R39 10K Resistor, 1/4W R39 12K Resistor, 1/4W R30 14K Resistor, 1/4W R31 14K Resistor, 1/4W R32 15K Resistor, 1/4W R33 15K Resistor, 1/4W R34 16K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 11K Resistor, 1/4W R38 11K Resistor, 1/4W R39 12K Resistor, 1/4W R39 12K Resistor, 1/4W R39 12K Resistor, 1/4W R40 12K RESI | R10 | 1M | Resistor, 1/4W | |
| R13 | | 1M | Resistor, 1/4W | |
| R13 | R12 | 27K | Resistor, 1/4W | |
| R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W | R13 | 22K | | |
| R15 330K Resistor, 1/4W R16 47K Resistor, 1/4W R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W | R14 | 330K | Resistor, 1/4W | |
| R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R40 | R15 | 330K | | |
| R17 47K Resistor, 1/4W R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R40 | R16 | | | |
| R18 100K Resistor, 1/4W R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W </td <td>R17</td> <td></td> <td></td> <td></td> | R17 | | | |
| R19 1M Resistor, 1/4W R20 1M Resistor, 1/4W R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R40 22K Resistor, 1/4W <td>R18</td> <td>100K</td> <td>·</td> <td></td> | R18 | 100K | · | |
| R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R40 22K Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W | R19 | 1M | · | |
| R21 27K Resistor, 1/4W R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R40 22K Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W | | | | |
| R22 22K Resistor, 1/4W R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot | R21 | 27K | | |
| R23 330K Resistor, 1/4W R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot | R22 | 22K | | |
| R24 330K Resistor, 1/4W R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 330K | · | |
| R25 100K Resistor, 1/4W R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 330K | | |
| R26 10K Resistor, 1/4W R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | _ | | |
| R27 100K Resistor, 1/4W R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 10K | , | |
| R28 1K Resistor, 1/4W R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 100K | , | |
| R29 22K Resistor, 1/4W R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | - | | , | |
| R30 330K Resistor, 1/4W R31 330K Resistor, 1/4W R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R29 | 22K | | |
| R32 33K Resistor, 1/4W R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R30 | 330K | | |
| R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R31 | 330K | Resistor, 1/4W | |
| R33 33K Resistor, 1/4W R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R32 | 33K | Resistor, 1/4W | |
| R34 68K Resistor, 1/4W R35 10K Resistor, 1/4W R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R33 | | | |
| R36 10K Resistor, 1/4W R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R34 | 68K | | |
| R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R35 | 10K | Resistor, 1/4W | |
| R37 1K Resistor, 1/4W R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R36 | 10K | Resistor, 1/4W | |
| R38 1K Resistor, 1/4W R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R37 | _ | · | |
| R39 22K Resistor, 1/4W R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | | · · · · · · · · · · · · · · · · · · · | |
| R40 22K Resistor, 1/4W R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | | , | |
| R100 4K7 Resistor, 1/4W R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 22K | Resistor, 1/4W | |
| R101 4K7 Resistor, 1/4W R102 5K6 Resistor, 1/4W OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | R100 | 4K7 | | |
| OCT1 B100K 16mm right-angle PCB mount pot OCT2 B100K 16mm right-angle PCB mount pot | | 4K7 | Resistor, 1/4W | |
| OCT2 B100K 16mm right-angle PCB mount pot | R102 | 5K6 | Resistor, 1/4W | |
| OCT2 B100K 16mm right-angle PCB mount pot | | | | |
| OCT2 B100K 16mm right-angle PCB mount pot | OCT1 | B100K | 16mm right-angle PCB mount pot | |
| | OCT2 | _ | • • | |
| | DIRECT | B100K | 16mm right-angle PCB mount pot | |
| | | | | |



Ocelot Octaver

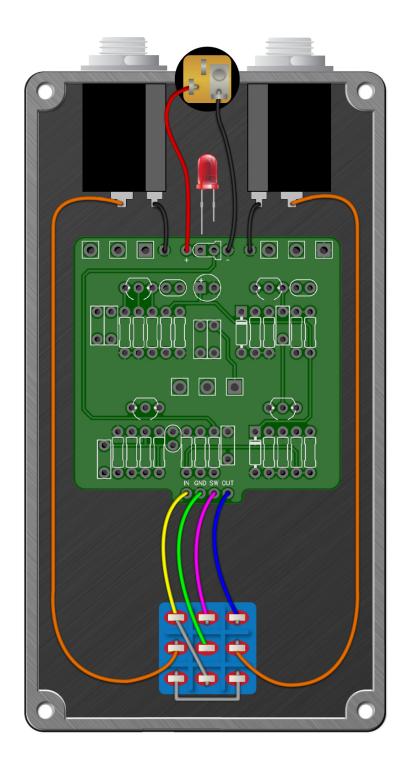
Parts List (Page 2 of 2)

| LOCATION | VALUE | TYPE | NOTES |
|----------------|----------|-----------------------------|---------------------|
| C1 | 1u | Electrolytic capacitor, 5mm | |
| C2 | 1u | Electrolytic capacitor, 5mm | |
| C3 | 10u | Electrolytic capacitor, 5mm | |
| C3 C4 C5 | 1u | Electrolytic capacitor, 5mm | |
| C5 | 22n | Film capacitor, 7.2 x 2.5mm | |
| C6 | 4n7 | Film capacitor, 7.2 x 2.5mm | |
| C6 C7 | 470p | Ceramic capacitor | |
| C8 | 1u | Electrolytic capacitor, 5mm | |
| C9 | 47n | Film capacitor, 7.2 x 2.5mm | |
| C10 | 10n | Film capacitor, 7.2 x 2.5mm | |
| C11 | 1n | Film capacitor, 7.2 x 2.5mm | |
| C12 | 10n | Film capacitor, 7.2 x 2.5mm | |
| C13 | 2n2 | Film capacitor, 7.2 x 2.5mm | |
| C14 | 220p | Ceramic capacitor | |
| C15 | | | |
| | 330p | Ceramic capacitor | |
| C16 | 10n | Film capacitor, 7.2 x 2.5mm | |
| C17 | 1u | Electrolytic capacitor, 5mm | |
| C18 | 1u | Electrolytic capacitor, 5mm | |
| C100 | 100u | Electrolytic capacitor, 5mm | |
| C101 | 220u | Electrolytic capacitor, 5mm | |
| | | | |
| D1 | GE | Germanium diode | (1N270, 1N34A, etc) |
| D2 | GE | Germanium diode | (1N270, 1N34A, etc) |
| D3 | 1N914 | Signal diode, DO-35 | |
| D4 | 1N914 | Signal diode, DO-35 | |
| D5 | 1N914 | Signal diode, DO-35 | |
| D6 | 1N914 | Signal diode, DO-35 | |
| D100 | 1N5817 | Schottky diode, DO-41 | |
| | | | |
| Q1 | 2N3904 | BJT transistor, NPN TO-92 | |
| Q2 | 2SK30A | N-Channel JFET, TO-92 | |
| Q3 | 2SK30A | N-Channel JFET, TO-92 | |
| | | | |
| IC1 | TL072 | Dual op-amp, DIP8 | |
| IC2 | TL072 | Dual op-amp, DIP8 | |
| IC3 | TL072 | Dual op-amp, DIP8 | |
| IC4 | TL072 | Dual op-amp, DIP8 | |
| IC4 IC5 | TL072 | Dual op-amp, DIP8 | |
| IC6 | CD4013BE | CMOS Dual D-Type Flip-Flop | |
| IC7 | CD4027BE | CMOS Dual JK Flip-Flop | |
| | | | |
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R25 100K Ocelot Octaver Schematic Diagram 1K 37 838 ¥ ¥ 8 1 1 1 1 1 1 1 1 10K 10K 10K 8 = 3 IC7 E 131 130K PedalPCB 2,01T SOI LCSDI TL072 R30 ₩ 330K s Sol R29 22K 22K 100n



Ocelot Octaver Wiring Diagram





PedalPCB Ocelot Octaver

Drill Template 125B enclosure

