# FF5 Project (Fuzz Face ${ }^{T M}$ Replica) Boutique Late 60's Version Bill of Materials 

## Version 2014November19

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## Resistors:

| Resistor ID | Value | 3-band Marking | 4-band Marking |
| :---: | :---: | :---: | :---: |
| R1 | None |  |  |
| R2 | 33k | orange-orange-orange | IIIII <br> orange-orange-black-red |
| R3 | 100k | brown-black-yellow | IIII <br> brown-black-black-orange |
| R4 | 220 ohm | III <br> red-red-brown | IIIII <br> red-red-black-black |
| R5 (if R5T is Jumpered) | 8k2 (8.2k) | gray-red-red | \|III I <br> gray-red-black-brown |
| R5 (if using R5T) | 1k | brown-black-red | IIII <br> brown-black-black-brown |
| R5T (optional) | 10k Trimmer Potentiometer |  |  |
| R6 (Fuzz) | 1k Linear Potentiometer |  |  |
| R7 (Bias) | 50k Linear Potentiometer |  |  |
| R8 (Contour) | 1k Linear Potentiometer |  |  |
| R9 | None |  |  |
| R10 (Volume) | 500k Log Potentiometer |  |  |
| R11 | 1k | brown-black-red | IIII <br> brown-black-black-brown |
| R12 | None |  |  |

## Capacitors:

| Capacitor ID | Value | Type | Possible Marking |
| :---: | :---: | :---: | :---: |
| C1 | 2.2 FF | Aluminum Electrolytic | 2.2 Z F |
| C2 | 22 uF | Aluminum Electrolytic | 22 uF |
| C3 | 0.1 ZF | Film | 104 |
| C4 (optional) | 100 pF | Ceramic | 101 |
| C5 | none |  |  |

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| C 6 (optional) | 100 YF | Aluminum Electrolytic | 100 Y F |
| :---: | :---: | :---: | :---: |
| C 7 | None |  |  |

## Potentiometers:

| Part ID | Value | Type |
| :---: | :---: | :---: |
| R6 - Fuzz Control | 1 k | Linear Taper |
| R7 Bias Control | 50 k | Linear Taper |
| R8 Contour Control | 1 k | Linear Taper |
| R10 - Volume Control | 500 k | Log (or Audio) Taper |

## Other:

| Part ID | Part Name |
| :---: | :---: |
| D1 | none |
| D2 | none |
| D3 | 1N914 (optional) |
| D4 | LED <br> Qermanium Transistor (See Instructions) (silicon <br> transistors included in the kit) |
| Q2 | Germanium Transistor (See Instructions) (silicon <br> transistors included in the kit) |
| J1 | Stereo quarter-inch jack |
| J2 | Mono quarter-inch jack |
| J3 | DC Jack |
| B1 | 9 volt battery (not included in the Kit) |
| Sw1 | Heavy Duty 3PDT foot switch |
|  | 9v battery snap, Printed Circuit Board, <br> 24 gauge stranded wire, <br> Enclosure, Knobs |

