



MGV (Marshall™ Guv'nor™ Replica) Bill of Materials

Version 2013November06

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Resistors:

| Resistor ID | Value | 3-band Marking | 4-band Marking |
|-------------|-------------|--------------------------|------------------------------|
| R1 | 2k2 (2.2k) | red-red-red | red-red-black-brown |
| R2 | 10k | brown-black-orange | brown-black-black-red |
| R3 | 1M | brown-black-green | brown-black-black-yellow |
| R4 | 47k | yellow-violet-orange | yellow-violet-black-red |
| R5 | 47k | yellow-violet-orange | yellow-violet-black-red |
| R6 | 680k | blue-gray-yellow | blue-gray-black-orange |
| R7 | 1k | brown-black-red | brown-black-black-brown |
| R8 | 680 ohm | blue-gray-brown | blue-gray-black-black |
| R9 | 1k5 (1.5k) | brown-green-red | brown-green-black-brown |
| R10 | 680 ohm | blue-gray-brown | blue-gray-black-black |
| R11 | 100 ohm | brown-black-brown | brown-black-black-black |
| R12 | 22k | red-red-orange | red-red-black-red |
| R13 | None | | |
| R14 | 1k | brown-black-red | brown-black-black-brown |
| R15 | None | | |
| R16 | 2M2 (2.2 M) | red-red-green | red-red-black-yellow |



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Capacitors:

| Capacitor ID | Value | Type | Possible Marking |
|--------------|----------------|-----------------------|------------------|
| C1 | 0.1 μ F | Film | 104 |
| C2 | 100pF | Ceramic or Film | 101 (or 100pF) |
| C3 | 0.22 μ F | Film | 224 |
| C4 | 0.1 μ F | Film | 104 |
| C5 | 0.01 μ F | Film | 103 |
| C6 | 0.068 μ F | Film | 683 |
| C7 | 10 μ F | Aluminum Electrolytic | 10 μ F |
| C8 | 220pF | Ceramic or Film | 221 (or 220pF) |
| C9 | 0.22 μ F | Film | 224 |
| C10 | 0.1 μ F | Film | 104 |
| C11 | 0.22 μ F | Film | 224 |
| C12 | 0.01 μ F | Film | 103 |
| C13 | 0.0047 μ F | Film | 472 or 4n7k |
| C14 | 470pF | Ceramic or Film | 471 (or 470pF) |

Potentiometers:

| Part ID | Value | Type |
|---------------------------|-------|----------------------|
| VR1 - Gain Control | 100k | Linear Taper |
| VR2 - Bass Tone Control | 10k | Log (or Audio) Taper |
| VR3 - Mid Tone Control | 10k | Log (or Audio) Taper |
| VR4 - Treble Tone Control | 10k | Linear Taper |
| VR5 - Volume | 100k | Linear Taper |

Other:

| Part ID | Part Name |
|--|---------------------------|
| IC1 | TL072 or other dual opamp |
| D1, D2 | Red LEDs |
| D3, D4, D5, D6 (optional for clipper switching) (D4 and D6 are option for variations on clipping) | 1N914 Diodes |



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| | |
|--------------------------------------|--|
| D7 | LED |
| 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 |
| Sw2 (optional for clipper switching) | SPDT on-on toggle switch |
| | 9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs |