

Bill of Materials for CGS116 - Extended ADSR Component Kit V0.0

| Item | Description | Qty | Designator | Package |
|------------------|---|-----|------------|--------------|
| CAPACITOR | | | | |
| 1 | 10pF 5% Ceramic | 1 | | RAD-0.2N |
| 2 | 47pF 5% Ceramic | 2 | | RAD-0.2N |
| 3 | 100pF 5% Ceramic | 1 | | RAD-0.2N |
| 4 | 220pF 5% Ceramic | 2 | | RAD-0.2N |
| 5 | 1nF 63V Polyester | 1 | | RAD-0.2 |
| 6 | 10nF 63V Polyester | 5 | | RAD-0.2 |
| 7 | 22nF 63V Polyester | 1 | | RAD-0.2 |
| 8 | 47nF 63V Polyester | 1 | | RAD-0.2 |
| 9 | 10uF 35V Electrolytic | 3 | | RB-D5.0-P2.0 |
| CONNECTOR | | | | |
| 10 | 8-pin IC Socket 0.3inch | 3 | | DIP-8 |
| 11 | 14-pin IC Socket 0.3inch | 4 | | DIP-14 |
| 12 | Crimp - KK396 | 4 | | - |
| 13 | KK396 - 4-way Crimp Housing | 1 | | 3.96MM |
| 14 | KK396 - 4-way Straight - Locking Header | 1 | | - |
| DIODE | | | | |
| 15 | 1N4148 | 7 | | DIODE-0.3 |
| LINEAR | | | | |
| 16 | RC4558 Dual Opamp | 2 | | DIP-8 |
| 17 | LM324 - Quad opamp | 1 | | DIP-14 |
| 18 | TL082 Dual JFET Opamp | 1 | | DIP-8 |
| INDUCTOR | | | | |
| 19 | Ferrite Bead - 0.45uH 7A | 2 | | AXIAL-0.3 |
| LOGIC | | | | |
| 20 | CD4016 - Quad Analogue switch | 1 | | DIP-14 |
| 21 | CD4001 - Quad 2-input NOR Gate | 1 | | DIP-14 |
| 22 | CD4069 - Hex Inverter Unbuffered | 1 | | DIP-14 |

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| | RESISTOR | | | |
| 23 | 47R 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 24 | 330R 1% 0.5W Metal Film | 2 | | AXIAL-0.4 |
| 25 | 1K0 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 26 | 2K0 1% 0.5W Metal Film | 5 | | AXIAL-0.4 |
| 27 | 3K3 1% 0.5W Metal Film | 2 | | AXIAL-0.4 |
| 28 | 8K2 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 29 | 22K 1% 0.5W Metal Film | 3 | | AXIAL-0.4 |
| 30 | 33K 1% 0.5W Metal Film | 2 | | AXIAL-0.4 |
| 31 | 34K 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 32 | 47K 1% 0.5W Metal Film | 3 | | AXIAL-0.4 |
| 33 | 47K5 1% 0.5W Metal Film | 4 | | AXIAL-0.4 |
| 34 | 51K1 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 35 | 82K 1% 0.5W Metal Film | 7 | | AXIAL-0.4 |
| 36 | 100K 1% 0.5W Metal Film | 8 | | AXIAL-0.4 |
| 37 | 110K 1% 0.5W Metal Film | 5 | | AXIAL-0.4 |
| 38 | 330K 1% 0.5W Metal Film | 4 | | AXIAL-0.4 |
| 39 | 470K 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 40 | 2M2 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 41 | 22M 5% 0.25W Metal Glazed | 1 | | AXIAL-0.4 |
| | | | | |
| | TRANSISTOR | | | |
| 42 | PN3565 NPN Transistor | 4 | | TO-92 |
| 43 | PN4250 PNP Transistor | 3 | | TO-92 |
| 44 | 2N5089 NPN Transistor | 2 | | TO-92 |
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