

Bill of Materials for CGS47 - Cynare Drum Simulator Component Kit Revision V1.0

| Item             | Description                               | Qty | Designator | Package      |
|------------------|---|-----|------------|--------------|
| <b>CAPACITOR</b> |   |     |            |              |
| 1                | 47pF 5% Ceramic                           | 1   |            | RAD-0.2N     |
| 2                | 1nF 63V Polyester                         | 1   |            | RAD-0.2      |
| 3                | 2.2nF 63V Polyester                       | 3   |            | RAD-0.2      |
| 4                | 10nF 63V Polyester                        | 8   |            | RAD-0.2      |
| 5                | 100nF 63V Polyester                       | 1   |            | RAD-0.2      |
| 6                | 100nF Ceramic Capacitor                   | 8   |            | RAD-0.2N     |
| 7                | 1uF 50V Electrolytic                      | 3   |            | RB-D5.0-P2.0 |
| 8                | 2.2uF Electrolytic                        | 1   |            | RB-D5.0-P2.0 |
| 9                | 10uF 25V Electrolytic                     | 3   |            | RB-D5.0-P2.0 |
| <b>CONNECTOR</b> |   |     |            |              |
| 10               | 8-pin IC Socket 0.3inch                   | 6   |            | DIP-8        |
| 11               | 14-pin IC Socket 0.3inch                  | 2   |            | DIP-14       |
| 12               | Crimp to suit 0.156inch Series MTA        | 4   |            | -            |
| 13               | 4-way 0.156inch Straight - Locking Header | 1   |            | -            |
| 14               | 4-way 0.156inch Crimp Housing             | 1   |            | 3.96MM       |
| <b>DIODE</b>     |   |     |            |              |
| 15               | 1N4148                                    | 11  |            | DIODE-0.3    |
| <b>LINEAR</b>    |   |     |            |              |
| 16               | CA3080 - Transconductance Opamp           | 1   |            | DIP-8        |
| 17               | TL071 JFET Opamp                          | 1   |            | DIP-8        |
| 18               | TL072 Dual JFET Opamp                     | 4   |            | DIP-8        |
| <b>INDUCTOR</b>  |   |     |            |              |
| 19               | Ferrite Bead - 0.45uH 7A                  | 2   |            | -            |
| <b>LOGIC</b>     |   |     |            |              |
| 20               | CD40106 - Hex Schmitt Trigger             | 1   |            | DIP-14       |
| 21               | CD4030 - Quad EXOR                        | 1   |            | DIP-14       |

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|      | <b>RESISTOR</b>         |     |            |           |
| 22   | 33R 1% 0.5W Metal Film  | 1   |            | AXIAL-0.4 |
| 23   | 220R 1% 0.5W Metal Film | 2   |            | AXIAL-0.4 |
| 24   | 270R 1% 0.5W Metal Film | 1   |            | AXIAL-0.4 |
| 25   | 820R 1% 0.5W Metal Film | 1   |            | AXIAL-0.4 |
| 26   | 1K0 1% 0.5W Metal Film  | 10  |            | AXIAL-0.4 |
| 27   | 1K2 1% 0.5W Metal Film  | 1   |            | AXIAL-0.4 |
| 28   | 2K2 1% 0.5W Metal Film  | 4   |            | AXIAL-0.4 |
| 29   | 4K7 1% 0.5W Metal Film  | 2   |            | AXIAL-0.4 |
| 30   | 10K 1% 0.5W Metal Film  | 12  |            | AXIAL-0.4 |
| 31   | 15K 1% 0.5W Metal Film  | 1   |            | AXIAL-0.4 |
| 32   | 22K 1% 0.5W Metal Film  | 2   |            | AXIAL-0.4 |
| 33   | 39K 1% 0.5W Metal Film  | 1   |            | AXIAL-0.4 |
| 34   | 47K 1% 0.5W Metal Film  | 4   |            | AXIAL-0.4 |
| 35   | 100K 1% 0.5W Metal Film | 18  |            | AXIAL-0.4 |
| 36   | 180K 1% 0.5W Metal Film | 1   |            | AXIAL-0.4 |
| 37   | 220K 1% 0.5W Metal Film | 4   |            | AXIAL-0.4 |
| 38   | 330K 1% 0.5W Metal Film | 2   |            | AXIAL-0.4 |
| 39   | 390K 1% 0.5W Metal Film | 2   |            | AXIAL-0.4 |
| 40   | 470K 1% 0.5W Metal Film | 1   |            | AXIAL-0.4 |
| 41   | 2M2 1% 0.5W Metal Film  | 2   |            | AXIAL-0.4 |
|      |                         |     |            |           |
|      | <b>TRANSISTOR</b>       |     |            |           |
| 42   | PN2222A NPN Transistor  | 3   |            | TO-92     |
| 43   | PN2907 PNP Transistor   | 1   |            | TO-92     |
| 44   | BC547A NPN Transistor   | 1   |            | TO-92     |
|      |                         |     |            |           |
|      |                         |     |            |           |
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