

**CGS31 - Digital Noise Component Kit**

| Item | Description                             | Qty | Designator     | Package      |
|------|---|-----|----------------|--------------|
|      | <b>CAPACITOR</b>                        |     |                |              |
| 1    | 47pF 5% Ceramic                         | 2   | MIXER^2        | RAD-0.2N     |
| 2    | 1nF 63V Polyester                       | 1   |                | RAD-0.2      |
| 3    | 2.2nF 63V Polyester                     | 2   |                | RAD-0.2      |
| 4    | 4n7 63V Polyester                       | 1   |                | RAD-0.2      |
| 5    | 15nF 63V Polyester                      | 1   |                | RAD-0.2      |
| 6    | 100nF Ceramic                           | 6   |                | RAD-0.2N     |
| 7    | 0.47uF 35V Electrolytic                 | 1   |                | RB-D6.3-P2.5 |
| 8    | 10uF 35V Electrolytic                   | 6   |                | RB-D5.0-P2.0 |
|      |   |     |                |              |
|      | <b>CONNECTOR</b>                        |     |                |              |
| 9    | KK396 - 4-way Crimp Housing             | 5   |                | 3.96MM       |
| 10   | CRIMP - KK396                           | 20  |                | -            |
| 11   | KK396 - 4-way Straight - Locking Header | 5   |                | -            |
| 12   | 16-pin IC Socket 0.3inch                | 1   |                | DIP-16       |
| 13   | 8-pin IC Socket 0.3inch                 | 3   | MIXER, NOISE^2 | DIP-8        |
| 14   | 14-pin IC Socket 0.3inch                | 2   |                | DIP-14       |
|      |   |     |                |              |
|      | <b>DIODE</b>                            |     |                |              |
| 15   | 1N4148                                  | 4   |                | DIODE-0.3    |
|      |   |     |                |              |
|      | <b>LINEAR</b>                           |     |                |              |
| 16   | TL072 Dual JFET Opamp                   | 3   |                | DIP-8        |
|      |   |     |                |              |
|      | <b>INDUCTOR</b>                         |     |                |              |
| 17   | Ferrite Bead - 0.45uH 7A                | 6   |                | AXIAL-0.3    |
|      |   |     |                |              |
|      | <b>LOGIC</b>                            |     |                |              |
| 18   | CD4030 - Quad EXOR                      | 1   |                | DIP-14       |
| 19   | CD4046 - PLL                            | 1   |                | DIP-16       |
| 20   | CD4006 - 18-Stage Static Shift Register | 1   |                | DIP-14       |
|      |   |     |                |              |
|      |   |     |                |              |

