

Bill of Materials for CGS41 - Diatonic Converter Component Kit Revision V1.0

| Item | Description | Qty | Designator | Package |
|------------------|---|-----|------------|--------------|
| CAPACITOR | | | | |
| 1 | 47pF 5% Ceramic | 6 | | RAD-0.2N |
| 2 | 10nF 63V Polyester | 1 | | RAD-0.2 |
| 3 | 100nF Ceramic Capacitor | 11 | | RAD-0.2N |
| 4 | 10uF 25V Electrolytic | 2 | | RB-D5.0-P2.0 |
| CONNECTOR | | | | |
| 5 | 8-pin IC Socket 0.3inch | 4 | | DIP-8 |
| 6 | 14-pin IC Socket 0.3inch | 2 | | DIP-14 |
| 7 | 16-pin IC Socket 0.3inch | 3 | | DIP-16 |
| 8 | Crimp to suit 0.156inch Series MTA | 4 | | - |
| 9 | 4-way 0.156inch Crimp Housing | 1 | | 3.96MM |
| 10 | 4-way 0.156inch Straight - Locking Header | 1 | | - |
| DIODE | | | | |
| 11 | 3.9V 5% 500mW | 2 | | DIODE-0.3 |
| 12 | REF02 5V | 1 | | DIP-8 |
| LINEAR | | | | |
| 13 | TL072 Dual JFET Opamp | 4 | | DIP-8 |
| 14 | TL074 Quad JFET Opamp | 2 | | DIP-14 |
| INDUCTOR | | | | |
| 15 | Ferrite Bead - 0.45uH 7A | 2 | | - |
| LOGIC | | | | |
| 16 | CD4053 - Triple 2-channel Multiplexer | 1 | | DIP-16 |
| 17 | CD4051 - Single 8-channel Multiplexer | 2 | | DIP-16 |
| RESISTOR | | | | |
| 18 | 330R 1% 0.5W Metal Film | 1 | | AXIAL-0.4 |
| 19 | 1K0 1% 0.5W Metal Film | 2 | | AXIAL-0.4 |
| 20 | 3K9 1% 0.5W Metal Film | 12 | | AXIAL-0.4 |

