

**CGS36 - Pulse Divider Component Kit**

| Item | Description                             | Qty | Designator             | Package      |
|------|---|-----|------------------------|--------------|
|      | <b>CAPACITOR</b>                        |     |                        |              |
| 1    | 10nF 63V Polyester                      | 1   |                        | RAD-0.2      |
| 2    | 10uF 35V Electrolytic                   | 2   |                        | RB-D5.0-P2.0 |
| 3    | 100nF Ceramic X7R                       | 12  |                        | 1206         |
|      |   |     |                        |              |
|      | <b>CONNECTOR</b>                        |     |                        |              |
| 4    | 16-pin IC Socket 0.3inch                | 4   |                        | DIP-16       |
| 5    | 8-pin IC Socket 0.3inch                 | 2   |                        | DIP-8        |
| 6    | KK396 - 4-way Straight - Locking Header | 1   |                        | -            |
| 7    | KK396 - 4-way Crimp Housing             | 1   |                        | 3.96MM       |
| 8    | Crimp - KK396                           | 4   |                        | -            |
|      |   |     |                        |              |
|      | <b>DIODE</b>                            |     |                        |              |
| 9    | 1N4148                                  | 23  |                        | DIODE-0.3    |
|      |   |     |                        |              |
|      | <b>LINEAR</b>                           |     |                        |              |
| 10   | TL072 Dual JFET Opamp                   | 2   |                        | DIP-8        |
|      |   |     |                        |              |
|      | <b>INDUCTOR</b>                         |     |                        |              |
| 11   | Ferrite Bead - 0.45uH 7A                | 1   |                        | AXIAL-0.3    |
|      |   |     |                        |              |
|      | <b>LOGIC</b>                            |     |                        |              |
| 12   | CD4017 - Decade Counter/Divider         | 4   |                        | DIP-16       |
|      |   |     |                        |              |
|      | <b>RESISTOR</b>                         |     |                        |              |
| 13   | 1K0 1% 0.5W Metal Film                  | 15  |                        | AXIAL-0.4    |
| 14   | 1K5 1% 0.5W Metal Film                  | 15  |                        | AXIAL-0.4    |
|      |   |     | NB: RA, RB, RC, RD, RE |              |
| 15   | 4K7 1% 0.5W Metal Film                  | 13  | RLED^13                | AXIAL-0.4    |
| 16   | 10K 1% 0.5W Metal Film                  | 23  |                        | AXIAL-0.4    |
| 17   | 15K 1% 0.5W Metal Film                  | 1   |                        | AXIAL-0.4    |
| 18   | 100K 1% 0.5W Metal Film                 | 23  |                        | AXIAL-0.4    |
| 19   | 4M7 1% 0.5W Metal Film                  | 2   |                        | AXIAL-0.4    |

