2 way traffic

# Two 7\_seg COUNTER

|  |  |  |  |
| --- | --- | --- | --- |
| Number  (displayed) | BCD(tens) | BCD(units) | Decimal |
| 0 | **0000** | **0000** | **0** |
| 1 | **0000** | **0001** | **1** |
| 2 | **0000** | **0010** | **2** |
| 3 | **0000** | **0011** | **3** |
| 4 | **0000** | **0100** | **4** |
| 5 | **0000** | **0101** | **5** |
| 6 | **0000** | **0110** | **6** |
| 7 | **0000** | **0111** | **7** |
| 8 | **0000** | **1000** | **8** |
| 9 | **0000** | **1001** | **9** |
| 10 | **0001** | **0000** | **16** |
| 11 | **0001** | **0001** | **17** |
| 12 | **0001** | **0010** | **18** |
| 13 | **0001** | **0011** | **19** |
| 14 | **0001** | **0100** | **20** |
| 15 | **0001** | **0101** | **21** |
| 16 | **0001** | **0110** | **22** |
| 17 | **0001** | **0111** | **23** |
| 18 | **0001** | **1000** | **24** |
| 19 | **0001** | **1001** | **25** |
| 20 | **0010** | **0000** | **32** |

* **EVERY 10 ROUNDS DECIMAL INC BY 7;**