*Bill of materials:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Quantity** | **Reference** | **Part** |
| 1 | 1 | Dz1 | BZX84-C10 |
| 2 | 1 | Dz2 | BZX84-C2V7 |
| 3 | 1 | D1 | OF-SMD2012B |
| 4 | 1 | Q1 | QMJD31C |
| 5 | 6 | Q2, Q3, Q4, Q7, Q8, Q9 | BC846BL |
| 6 | 2 | Q5, Q6 | BC856BL |
| 7 | 9 | Rled1, Rled2, Rled3, Rled4, R4, Rled5, Rled6, Rled7, Rled8 | 0805S8J0331T5E |
| 8 | 4 | Rload1, Rload2, Rload3, Rload4 | 0805S8J0221T5E |
| 9 | 1 | Rload5 | 0805S8F1500T5E |
| 10 | 2 | Rload6, R6 | 0805S8F220JT5E |
| 11 | 2 | R1, R2 | 0805S8J0101T5E |
| 12 | 2 | R3, R8 | 0805S8J0103T5E |
| 13 | 1 | R5 | 0805S8J0104T5E |
| 14 | 1 | R7 | 0805S8J0511T5E |
| 15 | 1 | R9 | 0805S8J010JT5E |
| 16 | 2 | R10, R11 | 0805S8J047KT5E |
| 17 | 1 | R12 | TS53YL104MR10 |
| 18 | 5 | masa, Vref, Vout, Vin, V0 | CON1 |