

Bill Of Materials for PS 1 (Part -2)

|                       |                                 |
|-----------------------|---------------------------------|
| Design Title          | PS 1 (Part -2)                  |
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| Document Number       |                                 |
| Revision              |                                 |
| Design Created        | Tuesday, March 21, 2023         |
| Design Last Modified  | Wednesday, March 22, 2023       |
| Total Parts In Design | 36                              |

|                        |                        |         |           |
|------------------------|------------------------|---------|-----------|
| 34 Integrated Circuits |                        |         |           |
| Quantity               | References             | Value   | Unit Cost |
| 1                      | U1                     | 2732    | \$75.00   |
| 2                      | U2,U13                 | 74157   | \$2.00    |
| 6                      | U3,U4,U14,U15,U31,U34  | AND     | \$0.10    |
| 6                      | U5,U10,U18,U24,U30,U32 | NOT     | \$0.10    |
| 5                      | U6,U8,U17,U23,U33      | OR      | \$0.10    |
| 1                      | U7                     | 74283   | \$2.00    |
| 4                      | U9,U21,U22,U26         | 74179   | \$2.00    |
| 3                      | U11,U12,U16            | 74109   | \$1.00    |
| 3                      | U19,U20,U29            | 7485    | \$2.00    |
| 1                      | U25                    | 4077    | \$0.10    |
| 1                      | U27                    | 74161   | \$2.00    |
| 1                      | U28                    | 74125   | \$0.10    |
| Sub-totals:            |                        |         | \$101.90  |
| 1 Diodes               |                        |         |           |
| Quantity               | References             | Value   | Unit Cost |
| 1                      | D1                     | LED-RED | \$0.00    |
| Sub-totals:            |                        |         | \$0.00    |
| 1 Miscellaneous        |                        |         |           |
| Quantity               | References             | Value   | Unit Cost |
| 1                      | CLK                    | Clock   | \$40.00   |
| Sub-totals:            |                        |         | \$40.00   |
| Totals:                |                        |         | \$141.90  |