## **Bill Of Materials for Synchronous\_74190**

**Design Title** Synchronous\_74190

**Author** 

**Document Number** 

Revision

**Design Created** Monday, July 3, 2023 **Design Last Modified** Saturday, July 8, 2023

Total Parts In Design 62

| Totals:                        |                                     |                         |                   | \$0.00           |
|--------------------------------|-------------------------------------|-------------------------|-------------------|------------------|
| Sub-totals:                    |                                     |                         |                   | \$0.00           |
| Quantity<br>1                  | References<br>SW1                   | <u>Value</u><br>SW-SPDT | Stock Code        | <u>Unit Cost</u> |
| 1 Miscellane                   |                                     | Valore                  | Ota-ala Osala     | Their Court      |
| Sub-totals:                    |                                     |                         |                   | \$0.00           |
| Quantity<br>1                  | References<br>D1                    | <u>Value</u><br>DIODE   | Stock Code        | <u>Unit Cost</u> |
| 1 Diodes                       | D. farmana                          | V/d                     | 011.01            | 11.11.0          |
| Sub-totals:                    | <u> </u>                            | <u>valao</u>            | Stock Souc        | \$0.00           |
| Quantity                       | References                          | <u>Value</u>            | Stock Code        | <u>Unit Cost</u> |
| 0 Transistors                  |                                     |                         |                   | ψ0.00            |
| Sub-totals:                    | <del>Ui</del>                       | 14L300                  |                   | \$0.00           |
| 1                              | U49                                 | 74LS00                  | 14                |                  |
| 2                              | U39,U42                             | 7432<br>74157           | 16 -              |                  |
| 2                              | U38,U52                             | 74L360<br>7432          | 14 —              |                  |
| 1                              | U32                                 | 74LS86                  | 14<br>14          |                  |
| 3                              | U31,U35,U44                         | 74LS11<br>7404          | 14                |                  |
| 3                              | U29,U34,U50                         | 74LS21<br>74LS11        |                   |                  |
|                                | U28,U30,U43                         | 74/3<br>74LS21          | 14                |                  |
| 1                              | U26                                 | 74L306                  | 14 <b>–</b><br>14 | _                |
| 3                              | U5,U27,U41                          | 74LS08                  |                   | <del>-</del>     |
| 12                             | U4,U8-U9,U12-U15,U20,U23-U25,U33    | 74190                   | 16                |                  |
| 12                             | U2-U3,U6-U7,U10-U11,U16-U19,U21-U22 | 74LS47                  | 16 🕳              |                  |
| <u>Quantity</u><br>1           | References<br>U1                    | <u>Value</u><br>NE555   | Stock Code<br>8   | <u>Unit Cost</u> |
| 44 Integrated                  |                                     | Volue                   |                   | Linit Coot       |
| Sub-totals:                    | Circuita                            |                         | DIL               | \$0.00           |
| 6<br>Cult totales              | R3-R8                               | 220                     |                   | <b>#0.00</b>     |
| 1                              | R2                                  | 10k                     | -                 |                  |
| 1                              | R1                                  | 67k                     | •                 |                  |
| Quantity                       | References                          | <u>Value</u>            | Stock Code        | Unit Cost        |
| 8 Resistors                    |                                     |                         |                   |                  |
| Sub-totals:                    |                                     |                         | _                 | \$0.00           |
| 6                              | C3-C8                               | 1nF                     | 102               |                  |
| 1                              | C2                                  | 10uF                    | 103<br>103        |                  |
| <u>Quantity</u><br>1           | References<br>C1                    | <u>Value</u><br>10nF    | Stock Code        | <u>Unit Cost</u> |
| 8 Capacitors                   |                                     |                         | _                 |                  |
| <u>Quantity</u><br>Sub-totals: | References                          | <u>Value</u>            | Stock Code        | \$0.00           |
| 0 Modules                      | Deferences                          | \/alua                  | Ctaals Cada       | Unit Cost        |