|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bill Of Materials For ps2v2.0.DSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 Integrated Circuits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Quantity: |  | References |  | Value |  | Cost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 |  | U1, U2, U74, U75 |  | 74HC157 |  | 2\*4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 |  | U3, U8, U79 |  | NAND\_8 |  | 0.1\*3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 |  | U4, U7, U20, U23 |  | AND |  | 0.1\*4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6 |  | U5, U21, U22, U84, U87, U88 |  | NOT |  | 0.1\*6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U6 |  | 2732 |  | 50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 25 |  | U9, U10, U13, U14, U37-U40, U44-U47, U52-U55, U59-U62, U73, U90, U91,D1,D2 |  | 74179 |  | 2\*25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 7 |  | U11, U12, U15, U16, U29, U30, U69 |  | 74283 |  | 2\*7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 |  | U17, U95, U96 |  | AND\_3 |  | 0.1\*3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U18 |  | OR\_3 |  | 0.1\*1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5 |  | U19, U26-U28, U68 |  | XOR |  | 0.1\*5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 |  | U24, U25 |  | AND\_4 |  | 0.1\*2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 |  | U31, U33 |  | 7474 |  | 1\*2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U32 |  | 4077-XNOR |  | 0.1\*1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 |  | U34, U71 |  | NOR |  | 0.1\*2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 14 |  | U35, U36, U41-U43, U48-U51, U56-U58, U63, U64 |  | 74157 |  | 2\*14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 |  | U65, U66 |  | 7485 |  | 2\*2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 |  | U67, U70, U80 |  | OR |  | 0.1\*3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U72 |  | OR\_8 |  | 0.1\*1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U76 |  | OR\_6 |  | 0.1\*1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | U81 |  | NAND |  | 0.1\*1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Diodes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Quantity: |  | References |  | Value |  | Cost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 |  | D3 |  | LED-BIBY |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 April 2021 09:45:34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CLOCK : 20

Total COST:159.3+20=179.3

FOR 1 BCD(TOTAL USED =2)

|  |  |
| --- | --- |
| PART | COST |
| 14 x 7485 | 2\*14 |
| 7 x 74HC157 | 2\*7 |
| 3 x 74LS347 | 2\*3 |

COST FOR BCD:28+14+6=48