

Bill Of Materials for XC9572 CPLD Board

Design Title XC9572 CPLD Board
Author Bontha
Document Number 1
Revision 5
Design Created Thursday, August 18, 2016
Design Last Modified Sunday, March 20, 2022
Total Parts In Design 124

Notes

EXPLORE BOARD

0 Modules

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| Sub-totals: | | | | \$0.00 |

12 Capacitors

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| 6 | C1, C4-C7, C12 | 220n | Maplin JL02C | |
| 2 | C2-C3 | 1000u | Maplin VH50E | |
| 4 | C8-C11 | 100u | Maplin AT97F | |
| Sub-totals: | | | | \$0.00 |

54 Resistors

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|--|-----------------------|----------------------------|---------------------------|
| 18 | R1, R4, R20-R22, R24-R26, R28-R29, R32-R35, R47-R49, R51 | 470R | M470R | |
| 2 | R2-R3 | 2k2 | M2k2 | |
| 3 | R5-R6, R19 | 110R | M110R | |
| 16 | R7-R18, R27, R40, R50, R60 | 680R | M680R | |
| 1 | R23 | 820R | M820R | |
| 2 | R30-R31 | 10R | M100R | |
| 12 | R36-R39, R41-R46, R54-R55 | 4k7 | M4K7 | |
| Sub-totals: | | | | \$0.00 |

4 Integrated Circuits

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| 1 | U1 | XC9572 | | |
| 1 | U2 | 7805 | | |
| 1 | U4 | MAX232 | | |
| 1 | U5 | OSCILLATOR | | |
| Sub-totals: | | | | \$0.00 |

1 Transistors

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| 1 | Q5 | 2N3904 | | |
| Sub-totals: | | | | \$0.00 |

19 Diodes

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| 2 | D1, D11 | 1N4007 | | |
| 1 | D2 | RED | | |
| 16 | D3-D10, D12-D19 | GREEN | | |
| Sub-totals: | | | | \$0.00 |

34 Miscellaneous

| Quantity | References | Value | Stock Code | Unit Cost |
|--------------------------|----------------------------|-----------------------|----------------------------|---------------------------|
| 4 | B1-B4 | BUTTON4 | | |
| 1 | BUZ1 | BUZZER | | |
| 4 | J1-J4 | 26632101RP2 | NorComp 26632101RP2 | |
| 1 | J5 | PWRJACK | | |
| 1 | J6 | CONN-D15F | | |

| | | | |
|---|--------------------|-----------|------------------------|
| 1 | J7 | CONN-D9F | |
| 6 | J8-J10,J12,J14,J50 | CONN-DIL4 | |
| 1 | J11 | CONN-SIL2 | |
| 1 | J13 | XJTAG | |
| 1 | LCD1 | LM016L | |
| 1 | LED1 | NDF-5621 | |
| 1 | RV1 | 10k | Digikey 3009P-101LF-ND |
| 1 | SW1 | LATCHSW | |
| 8 | SW2,SW4,SW6-SW11 | SW-SPDT | |
| 1 | SW3 | SW-DIP8 | |
| 1 | SW5 | SW-DIP4 | |

Sub-totals: \$0.00

Totals: \$0.00

Sunday, March 20, 2022 10:49:46 AM