

PCB BOM



Source Data From: LPCB280_RLOOP_GCU.PrjPCB
 Project: LPCB280_RLOOP_GCU.PrjPCB
 Variant: None

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| # | Designator | Layer | LDL_NUMBER | Description |
|----|------------|-------|------------|--|
| 1 | C1 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 2 | C2 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 3 | C3 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 4 | C4 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 5 | C5 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 6 | C6 | Top | LCA144 | Capacitor, Ceramic Chip, 10uF, 50V, X5R, 10%, SMD 1206 [LCA144] |
| 7 | C7 | Top | LCA098 | Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098] |
| 8 | C8 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 9 | C9 | Top | LCA144 | Capacitor, Ceramic Chip, 10uF, 50V, X5R, 10%, SMD 1206 [LCA144] |
| 10 | C10 | Top | LCA098 | Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098] |
| 11 | C11 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 12 | C12 | Top | LCA098 | Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098] |
| 13 | C13 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 14 | C14 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 15 | C15 | Top | LCA144 | Capacitor, Ceramic Chip, 10uF, 50V, X5R, 10%, SMD 1206 [LCA144] |
| 16 | C16 | Top | LCA098 | Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098] |
| 17 | C17 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 18 | C18 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 19 | C19 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 20 | C20 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 21 | C21 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 22 | C22 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 23 | C23 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 24 | C24 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 25 | C25 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 26 | C26 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |
| 27 | C27 | Top | LCA016 | Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016] |

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| 28 | CE1 | Top | LCA071 | Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071] |
| 29 | CN1 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 30 | CN2 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 31 | CN3 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 32 | CN4 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 33 | CN5 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 34 | CN6 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 35 | CN7 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 36 | CN8 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 37 | CN9 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 38 | CN11 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 39 | CN12 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 40 | CN13 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 41 | CN14 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 42 | CN15 | Top | LCN369 | Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH |
| 43 | D1 | Top | LIC006 | Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006] |
| 44 | D2 | Top | LIC006 | Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006] |
| 45 | D3 | Top | LIC189 | Diode, General Purpose Rectifier, 3A, 200V, SMD DO-214AB [LIC189] |
| 46 | D4 | Top | LIC288 | Diode, Zener, 3.3V, 0.225W, SMD [LIC288] |
| 47 | D5 | Top | LIC288 | Diode, Zener, 3.3V, 0.225W, SMD [LIC288] |
| 48 | D6 | Top | LIC006 | Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006] |
| 49 | D7 | Top | LIC006 | Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006] |
| 50 | D8 | Top | LIC288 | Diode, Zener, 3.3V, 0.225W, SMD [LIC288] |
| 51 | D9 | Top | LIC288 | Diode, Zener, 3.3V, 0.225W, SMD [LIC288] |
| 52 | IC1 | Top | LIC165 | IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165] |
| 53 | IC2 | Top | LIC165 | IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165] |
| 54 | IC3 | Top | LIC016 | LED, SMD, 0805 Green [LIC016] |
| 55 | IC4 | Top | LIC233 | IC, Voltage Regulator, 400mA, 3.3V LDO, SMD DPAK [LIC233] |
| 56 | IC5 | Top | LIC016 | LED, SMD, 0805 Green [LIC016] |
| 57 | IC6 | Top | LIC165 | IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165] |
| 58 | IC7 | Top | LIC165 | IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165] |
| 59 | IC8 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 60 | IC9 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 61 | IC10 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 62 | IC11 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 63 | IC12 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 64 | IC13 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 65 | IC14 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |
| 66 | IC15 | Top | LIC292 | IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292] |

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| 67 | PW1 | Top | LPW033 | |
| 68 | R1 | Top | LRE253 | Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253] |
| 69 | R2 | Top | LRE253 | Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253] |
| 70 | R3 | Top | LRE253 | Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253] |
| 71 | R4 | Top | LRE253 | Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253] |
| 72 | R5 | Top | LRE027 | Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027] |
| 73 | R6 | Top | LRE027 | Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027] |
| 74 | R7 | Top | LRE026 | Resistor, Ceramic Chip, 0R, 0.1W, SMD 0603 [LRE026] |
| 75 | R8 | Top | LRE026 | Resistor, Ceramic Chip, 0R, 0.1W, SMD 0603 [LRE026] |
| Approved | | | Notes | |
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