

PCB BOM GROUPED



Source Data From: LPCB278__RLOOP__HE_THERM.PrjPCB
 Project: LPCB278__RLOOP__HE_THERM.PrjPCB
 Variant: None

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#	Designator	Quantity	LDL_NUMBER	Description
1	C1, C2, C8, C11, C13,	6	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
2	C3, C4	2	LCA070	Capacitor, Ceramic Chip, 1uF, 10V, SMD 0603 [LCA070]
3	C6, C9, C15	3	LCA144	Capacitor, Ceramic Chip, 10uF, 50V, X5R, 10%, SMD 1206 [LCA144]
4	C7, C10, C12, C16	4	LCA098	Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098]
5	CE1	1	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
6	CN1, CN2, CN4, CN5,	6	LCN370	Connector, Pluggable Terminal Block, 5.08mm, 3 Way, PTH
7	CN3	1	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
8	D1, D2	2	LIC621	Diode, ESD Protecion, 10pF, 9V Breakdown, SMD 0402 [LIC621]
9	D3	1	LIC189	Diode, General Purpose Rectifier, 3A, 200V, SMD DO-214AB [LIC189]
10	D4, D5, D6, D7	4	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]
11	IC1, IC2	2	LIC573	IC, I2C to 1 Wire Bridge, SMD SOIC8
12	IC3, IC5, IC6, IC7, IC10,	6	LIC016	LED, SMD, 0805 Green [LIC016]
13	IC4	1	LIC233	IC, Voltage Regulator, 400mA, 3.3V LDO, SMD DPAK [LIC233]
14	IC8, IC9, IC12, IC13	4	LIC292	IC, Relay Driver, 28V Industrial, SMD SOT23 [LIC292]
15	PW1	1	LPW033	
16	Q1, Q2	2	LIC215	FET, P Channel, Logic Level, SMD SOT23 [LIC215]
17	R1, R2	2	LRE058	Resistor, Ceramic Chip, 4K7, 0.1W, 1%, SMD 0603 [LRE058]
18	R3, R4, R11	3	LRE026	Resistor, Ceramic Chip, 0R, 0.1W, SMD 0603 [LRE026]
19	R5, R6, R7, R8, R9, R10	6	LRE027	Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027]
20	RLY1, RLY2, RLY3, RLY4	4	LSW020	Relay, DPDT, Non Latching, 24VDC Coil, 1A Rating, PTH

Approved	Notes