

PCB BOM



Source Data From: LPCB279_RLOOP_LGU.PrjPCB
 Project: LPCB279_RLOOP_LGU.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]

28	C28	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
29	C29	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
30	C30	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
31	C31	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
32	C32	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
33	C33	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
34	C34	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
35	C35	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
36	C36	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
37	C37	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
38	C38	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
39	C39	Top	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
40	CE1	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
41	CE2	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
42	CE3	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
43	CE4	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
44	CE5	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
45	CE6	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
46	CE7	Top	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
47	CN1	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
48	CN2	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
49	CN3	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
50	CN4	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
51	CN5	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
52	CN6	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
53	CN7	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
54	CN8	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
55	CN9	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
56	CN11	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
57	CN12	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
58	CN13	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
59	CN14	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
60	CN15	Top	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
61	D1	Top	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]
62	D2	Top	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]
63	D3	Top	LIC189	Diode, General Purpose Rectifier, 3A, 200V, SMD DO-214AB [LIC189]
64	D4	Top	LIC288	Diode, Zener, 3.3V, 0.225W, SMD [LIC288]
65	D5	Top	LIC288	Diode, Zener, 3.3V, 0.225W, SMD [LIC288]
66	D6	Top	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]

67	D7	Top	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]
68	D8	Top	LIC288	Diode, Zener, 3.3V, 0.225W, SMD [LIC288]
69	D9	Top	LIC288	Diode, Zener, 3.3V, 0.225W, SMD [LIC288]
70	IC1	Top	LIC165	IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165]
71	IC2	Top	LIC165	IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165]
72	IC3	Top	LIC016	LED, SMD, 0805 Green [LIC016]
73	IC4	Top	LIC233	IC, Voltage Regulator, 400mA, 3.3V LDO, SMD DPAK [LIC233]
74	IC5	Top	LIC016	LED, SMD, 0805 Green [LIC016]
75	IC6	Top	LIC165	IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165]
76	IC7	Top	LIC165	IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165]
77	IC8	Top	LIC689	IC, DC Motor Driver, 3.6A, SMD [LIC689]
78	IC9	Top	LIC689	IC, DC Motor Driver, 3.6A, SMD [LIC689]
79	IC10	Top	LIC689	IC, DC Motor Driver, 3.6A, SMD [LIC689]
80	IC11	Top	LIC689	IC, DC Motor Driver, 3.6A, SMD [LIC689]
81	IC12	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
82	IC13	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
83	IC14	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
84	IC15	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
85	IC16	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
86	IC17	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
87	IC18	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
88	IC19	Top	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
89	L1	Top	LIN031	Inductor, 10uH, 20%, 5.7A, SMD [LIN031]
90	PW1	Top	LPW033	
91	R1	Top	LRE253	Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253]
92	R2	Top	LRE253	Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253]
93	R3	Top	LRE253	Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253]
94	R4	Top	LRE253	Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253]
95	R5	Top	LRE027	Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027]
96	R6	Top	LRE027	Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027]
97	R7	Top	LRE026	Resistor, Ceramic Chip, 0R, 0.1W, SMD 0603 [LRE026]
98	R8	Top	LRE120	Resistor, Ceramic Chip, 30K, 0.1W, 1%, SMD 0603 [LRE120]
99	R9	Top	LRE120	Resistor, Ceramic Chip, 30K, 0.1W, 1%, SMD 0603 [LRE120]
100	R10	Top	LRE120	Resistor, Ceramic Chip, 30K, 0.1W, 1%, SMD 0603 [LRE120]
101	R11	Top	LRE120	Resistor, Ceramic Chip, 30K, 0.1W, 1%, SMD 0603 [LRE120]
Approved			Notes	