

PCB BOM GROUPED



Source Data From: LPCB279__RLOOP__LGU.PrjPCB
 Project: LPCB279__RLOOP__LGU.PrjPCB
 Variant: None

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#	Designator	Quantity	LDL_NUMBER	Description
1	C1, C2, C3, C4, C5, C8,	32	LCA016	Capacitor, Ceramic Chip, 100nF (0.1uF), 50V, 5%, SMD 0603 [LCA016]
2	C6, C9, C15	3	LCA144	Capacitor, Ceramic Chip, 10uF, 50V, X5R, 10%, SMD 1206 [LCA144]
3	C7, C10, C12, C16	4	LCA098	Capacitor, Ceramic Chip, 1uF, 50V, SMD 0805 [LCA098]
4	CE1, CE2, CE3, CE4,	7	LCA071	Capacitor, Aluminum Electrolytic, 330uF, 35V, 20%, SMD (10mm x 10mm) [LCA071]
5	CN1, CN2, CN3, CN4,	14	LCN369	Connector, Pluggable Terminal Block, 5.08mm, 2 Way, PTH
6	D1, D2, D6, D7	4	LIC006	Diode, Small Signal, 0.2A, 85V, SMD SOT-23 [LIC006]
7	D3	1	LIC189	Diode, General Purpose Rectifier, 3A, 200V, SMD DO-214AB [LIC189]
8	D4, D5, D8, D9	4	LIC288	Diode, Zener, 3.3V, 0.225W, SMD [LIC288]
9	IC1, IC2, IC6, IC7	4	LIC165	IC, RS232 Line Driver, 3.3V, SMD TSSOP16 [LIC165]
10	IC3, IC5	2	LIC016	LED, SMD, 0805 Green [LIC016]
11	IC4	1	LIC233	IC, Voltage Regulator, 400mA, 3.3V LDO, SMD DPAK [LIC233]
12	IC8, IC9, IC10, IC11	4	LIC689	IC, DC Motor Driver, 3.6A, SMD [LIC689]
13	IC12, IC13, IC14, IC15,	8	LIC239	IC, Logic AND Gate, Single 2 Input, SMD SOT353 [LIC239]
14	L1	1	LIN031	Inductor, 10uH, 20%, 5.7A, SMD [LIN031]
15	PW1	1	LPW033	
16	R1, R2, R3, R4	4	LRE253	Resistor, Ceramic Chip, 160R, 0.1W, 1%, SMD 0603 [LRE253]
17	R5, R6	2	LRE027	Resistor, Ceramic Chip, 2.2K, 0.1W, 1%, SMD 0603 [LRE027]
18	R7	1	LRE026	Resistor, Ceramic Chip, 0R, 0.1W, SMD 0603 [LRE026]
19	R8, R9, R10, R11	4	LRE120	Resistor, Ceramic Chip, 30K, 0.1W, 1%, SMD 0603 [LRE120]

Approved	Notes