

LDA-C300 Part List

Internal Use Only

Part No.	Description	Value	Spec.	Qty	Ref. Name
1	CAP FLAT 15PF J 25V CG 0603 T&R	15pF	25V	2	C100, C129
2	CAP FLAT 10NF K 10V X5R(0603)	10nF	10V	9	C101, C102, C110, C114, C116, C117, C126, C130, C139
3	CAP FLAT 2.2UF M 6.3V 1005 X5R	2.2uF	6.3V	5	C103, C104, C109, C113, C149
4	CAP FLAT 100NF K 6.3V X5R(0603) T&R	0.1uF	6.3V	2	C105, C115
5	CAP FLAT 4.7uF K 6.3V X5R (1608)	4.7uF	6.3V	2	C106, C124
6	CAP FLAT 1uF K 6.3V X5R (1005)	1uF	6.3V	5	C111, C112, C133, C143, C151
7	RES FLAT 0 J 1/16W(1005)	0	1/20W	1	C118
8	INDUCTOR CHIP CERAMIC LLV0603-FH12NJ 12NH J 0603	12nH		1	C119
9	CAP FLAT 10UF M 6.3V X5R (1608)	10uF	6.3V	1	C125
10	CAP FLAT 0.1UF K 16V X5R (1005)	0.1uF	16V	4	C127, C137, C138, C141
11	CAP FLAT 6.8p C 25V CG (0603)	6.8pF	25V	1	C128
12	CAP FLAT 47NF K 6.3V X5R (0603)	47nF	6.3V	1	C131
13	CAP FLAT 220NF K 10V F(1005)	220nF	10V	1	C132
14	CAP FLAT 4.7UF K 25V X5R (2012)	4.7uF	6.3V	1	C134
15	CAP FLAT 100NF K 16V X7R(1005)	0.1uF	6.3V	1	C140
16	CAP FLAT 10UF K 16V X5R (2012)	10uF	16V	1	C142
17	CAP FLAT 1UF K 25V X5R(1608)	1uF	25V	1	C144
18	CAP FLAT 1.5PF C 25V CG 0603	1.5pF	25V	1	C145
19	CAP FLAT 1uF K 6.3V X5R (1005)	1uF	6.3V	3	C146, C147, C148
20	CONNECTOR 04-6295-017-000-883	17pin		1	CN100
21	CONNECTOR 04-6293-021-001-829	21pin		1	CN101
22	GASKET EMI 25SMT-442-01 SHORT			2	CN102, CN103
23	CONNECTOR 24-8040-002-001-829+	2pin		1	CN104
24	PCB Connector, RBMIK-C301B			1	CN105
25	DIODE NSR0530P2T5G SOD-923(0.8*0.6*0.37) T&R 30 V			2	D100, D102
26	DIODE VSMF05LCC SOT-963(0.95*0.75*0.4) T&R TVS ARRAY/PROTEK			1	D101
27	FILTER BPF LFB212G45BA1A220 T&R/MURATA	2450MHz		1	FL100
28	LQH2MCN220K02 22uH K 2016	22uH		1	L100
29	INDUCTOR CHIP CERAMIC HK100522NJ-T/TAIYO YUDEN	22nH		1	L101
30	INDUCTOR CHIP WINDING LQH2MCN100K02L/MURATA	10uH		1	L102
31	INDUCT CHIP CERA 1.2NH S 1005 T&R	1.2nH		1	L103
32	TR KRC405V VSM *NE*BJT/KEC			1	Q100
33	TR KTK5132V VSM *KB* N CHANNEL MOSFET/KEC			1	Q101
34	IC SWITCH MIC94073YMT MLF T&R/MICREL			1	Q103
35	RES FLAT 2.2 J 1/16W(1005)	2.2 ohm	1/16W	3	R100, R101, R103
36	RES FLAT 47K J 1/20W(0603)	47K	1/20W	3	R102, R105, R115
37	RES FLAT 4.7K J 1/20W(0603)	4.7K	1/20W	1	R104
38	RES FLAT 22K J 1/20W (0603)	22K	1/20W	1	R106
39	RES FLAT 3.3K J 1/20W(0603)	3.3K	1/20W	4	R107, R110, R141, R142
40	RES FLAT 10 J 1/20W (0603)	10 ohm	1/20W	1	R111
41	RES FLAT 220K F 1/20W(0603) T&R	220K	1/20W	1	R112
42	RES FLAT 2.2K J 1/20W 0603	2.2K	1/20W	1	R113
43	RES FLAT 130K F 1/20W 0603	130K	1/20W	1	R114
44	RES FLAT 3M F 1/20W 0603	3M	1/20W	1	R117
45	RES FLAT 200K J 1/20W(0603) T&R	200K	1/20W	1	R118
46	RES FLAT 1K J 1/16 1005	1K	1/16W	1	R119
47	RES FLAT 470 F 1/20W(0603) T&R	470 ohm	1/20W	13	R120, R121, R122, R123, R124, R126, R130, R132, R134, R135, R136, R
48	RES FLAT 2.2K J 1/16(1005)	2.2K	1/16W	1	R125
49	RES FLAT 10K J 1/20W(0603)	10K	1/20W	1	R129
50	RES FLAT 120K J 1/16 1005	120K	1/16W	1	R131
51	RES FLAT 47K F 1/20W(0603) T&R	47K	1/20W	1	R139
52	RES FLAT 4.7K F 1/20W 0603	4.7K	1/20W	1	R140
53	RES FLAT 12K F 1/20W 0603	12K	1/20W	1	R147
54	RES FLAT 10K F 1/20W(0603) T&R	10K	1/20W	1	R148
55	RES FLAT 100 J 1/20W (0603)	100 ohm	1/20W	1	R151
56	RES FLAT 6.8M F 1/20W 0603	6.8M	1/20W	1	R153
57	RES FLAT 12K F 1/16 1005	12K	1/16W	1	R154
58	IC LDO RP104K251D-TR DFN(PLP)1010-4/RICOH	2.5V		1	U100
59	IC DS1337U+ T&R /MAXIM			1	U101
60	IC BC37E987B-ITB-E4 TFBGA(8.0*8.0*1.2) T&R /CSR			1	U102
61	Battery Protection IC			1	U103
62	IC MIC2290YML MLF T&R/MICREL			1	U104
63	Keyboard Encoder			1	U105
64	IC SST39WF1601-70-4I-MBQE WFBGA 48Ball T&R/SST	16MB		1	U106
65	ULTRA LOW SUPPLY CURRENT LDO REGULATOR	3V		1	U107
66	DIODE ESD9X5.0S15G, SOD-923, ESD Protection			3	VA100, ZD104, ZD107
67	X-TAL SMD MC-146 32.7680KHz ±20ppm, 7.0pF T&R(Pb Free)/EPSON AME	32.768KHz		1	X100
68	X-TAL SMD FA-20H(C24FA20H0000500) 26MHZ 10ppm 9PF /EPSON	26MHz		1	X101
69	DIODE ESD9X3.3S15G SOD-923 ESD Protection Single Diode			2	ZD100, ZD101
70	EVLC18S02003 VARISTOR CHIP			2	ZD102, ZD103
71	TVS Array			1	ZD105
72	0.5T, 8layer (Build-up PCB)			1	
1	BATTERY NBL414L/F9JL 2V/0.5mAh NIOBIUM LITHIUM/Panasonic			1	BAT101
2	OLED FPCB RBMIK-C301B			1	
3	Ø10x2.0T, Lead wire 12mm			1	
4	SUB Display Unit PM-OLED 204*32 Neoview (Panel+COF IC) 8Pin	8pin		1	
1	2pin connector / Plus IDC Header with AWG#32 wire	2pin		1	