

10/26/00

Bill Of Materials

01:06:40 PM

PCB ASSY, CDR LI-Ion CHARGER

123200082 Rev

Component Rev Component Description Qty Per Assy LOCATION U/M

105800160 105800160 CONN., 2 PIN, RL, Angle, 0.156" Cntrs, Molex 26-48-1026 1.00000 J2 EA

105800161 105800161 CONN., 2 PIN, RL, Angle, 0.100" Cntrs, Molex 22-12-2024 1.00000 J3 EA

105800162 105800162 CONN., 8 PIN, RL, Angle, 2mm Cntrs, Hirose DF11-8DP-2DS(52) 1.00000 J4 EA

105800163 105800163 CONN., 20 PIN, 2x10, 2mm Cntrs, Samtec MTMM-110-11-G-D-430 1.00000 J1 EA

107200011 107200011 DIODE, 3A, 50V, 1N5400 T/R 1.00000 D5 EA

107310018 107310018 DIODE, ZENER 10V BZT55C10, SQUARE MINI-MELF 5.00000 D3,D10,D7,EA D13,D14 EA

107310019 D D10,D7,EA D13,D14 DIODE, ZNR, BZX55B10, 10V 2%, DO-213AA, MINI-MELF, DZ990510C 1.00000 D11 EA

107500006 107500006 DIODE, SWITCHING, MMBD1203, SMT SOT-23 2.00000 D9,D17 EA

107500007 107500007 DIODE, SWITCHING, MMBD1204, SMT SOT-23 1.00000 D1 EA

107500008 107500008 DIODE, SWITCHING, MMBD1205, SMT SOT-23 1.00000 D2 EA

107510101 107510101 DIODE, TAIATRON, LS4148, SGR MINI MELF 4.00000 D8,D15,D16,EA D19 EA

107510102 107510102 DIODE, SCHOTTKY, MOT, MBRS130LT3, SMB 1.00000 D6 EA

107510104 107510104 TRANS VOLT SUPP, 26V, SMT 1206, AVX VC120626D580D 2.00000 D4,D12 EA

108110045 108110045 CAP, ELECT, 10mf, 35V, 10%, SMT, SANYO 35CV10AX 1.00000 C8 EA

108110046 108110046 CAP, 22mf 20V 20% 105C, SMT ELYTIC, SANYO #20SV22M 1.00000 C4 EA

108210062 108210062 CAP, CER 0.1mf 50V, 10%, SMT 0805, X7R 7.00000 C7,C1,C6, EA C9,C10,C11,C12 EA

108210063 108210063 CAP, CER 1mf 16V, 10% SMT 1206, X7R 3.00000 C13,C14, EA C21 EA

108210064 108210064 CAP, CER 0.33mf, 16V 10%, SMT 0805, X7R 1.00000 C17 EA

108210065 108210065 CAP, CER 0.68mf, 16V 10% SMT 1206, X7R 2.00000 C2,C16 EA

108210066 108210066 CAP, CER 0.047mf 16V 10% SMT 0805, X7R 1.00000 C18 EA

108210067 108210067 CAP, CER 0.015mf 25V, 10% SMT 0805, X7R 2.00000 C15,C20 EA

108210068 108210068 CAP, 2.2mf, 25V 80% SMT 1206, Y5U 1.00000 C19 EA

108210069 108210069 CAP, 0.47mf 25V 80% SMT 1206, Y5U 1.00000 C5 EA

108210071 108210071 CAP, CER, 22mf 25V 1.5A, UCC# THCR60E1E226ZT, SMT 2220 1.00000 C3 EA

109700000C 109700000C RES, 0 OHM, 1/10W, CF SMT 0805 1.00000 R<1 EA

109700102A 109700102A RES, 1K 1/10W 1%, SMT 0805 1.00000 R37 EA

SHEET

OF

EMC PART #

REV

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PCB ASSY, CDR Li-Ion CHARGER

123200082 Rev

Component Rev Component Description Qty Per Assy LOCATION U/M

109700103A		RES, 10K 1/10W 1% SMT 0805	2.00000	EA	R8, R40
109700103C		RES, 10K 1/10W 5% CF, SMT 0805	8.00000	EA	R13, R24, EA R26, R27, R29, R30, R31, R47
109700104C		RES, 100K 1/10W 5%, SMT 0805	9.00000	EA	R1, R4, R7, EA R11, R18, R21, R32, R34, R50
109700105C		RES, 1M, 1/10W 5% CF, SMT 0805	2.00000	EA	R20, R16
109700151A		RES, 1.5K 1/10W 1% MF SMT 0805	1.00000	EA	R38
109700155C		RES, 1.5M, 1/10W 5%, SMT 0805	1.00000	EA	R48
109700181C		RES, 180 ohm, 1/10W, 5%, SMT 0805	1.00000	EA	R17
109700201A		RES, 200 ohm, 1/10W, 1%, SMT 0805	2.00000	EA	R42, R44
109700202C		RES, 2.0K, 1/10W 5% CF SMT 0805	1.00000	EA	R46
109700203C		RES, 20K 1/10W 5% CF SMT 0805	1.00000	EA	R49
1097002275C		RES, 2.7M 1/10W 5% CF SMT 0805	1.00000	EA	R23
109700334C		RES, 330K 1/10W 5% CF, SMT 0805	3.00000	EA	R20, R33, EA R35
109700472C		RES, 4.7K 1/10W 5% CF, SMT 0805	1.00000	EA	R22
109700475C		RES, 4.7M 1/10W 5% CF SMT 0805	2.00000	EA	R15, R28
10970047GC		RES, 4.7 OHM 1/10W 5% CF SMT 0805	1.00000	EA	R5
109700680C		RES, 68 OHM 1/10W, 5% CF SMT 0805	1.00000	EA	R43
109700753A		RES, 75K, 1/10W, 1%, SMT 0805	1.00000	EA	R41
109701620A		RES, 162 OHM 1/10W, 1% MF SMT 0805	1.00000	EA	R12
109702492A		RES, 24.9K 1/10W 1% MF SMT 0805	1.00000	EA	R45
109703831A		RES, 3.83K 1/10W 1% MF, SMT 0805	1.00000	EA	R39
109704990A		RES, 499 OHM, 1/10W 1% MF, SMT 0805	1.00000	EA	R36
109710302C	C	RES, 3K 1/8W 5% CF, SMT 1208	1.00000	EA	R25
109711621A		RES, 1.62K, 1/8W, 1%, SMT 1208	1.00000	EA	R14
109720102C		RES, 1K, 1/4W, 5%, SMT 1210	1.00000	EA	R19
10975030VA		RES, LRC 0.030ohm 1/2W 1%, SMT 2010, IRC# LR-2010-01-030-F	1.00000	EA	R2
10975050VA		RES, LRC 0.050 ohm 1/2W 1%, SMT 2010, IRC# LR-2010-01-050	1.00000	EA	R6
120210003		TRANSISTOR, MMBT3906, SOT-23	2.00000	EA	R7, Q15

BOMLIST.RPT

SHEET

OF

EMC PART #

REV

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123200082 Rev

PCB ASSY, CDR LI-Ion CHARGER

Component	Rev	Component Description	Qty Per Assy	LOCATION	U/M
120210004	A	TRANSISTOR, MMBT3904, SOT-23	3.00000	Q8, Q12,	EA Q14
120210021		MOSFET, N-CHN, 30V, SILICONIX SI3456DV, TSOP-6	2.00000	Q3, Q4	EA
120210024		N-CHN, MOSFET, TAITRON 2N7002, SOT-23	3.00000	Q6, Q9,	EA Q11
120210026		MOSFET, DUAL P-CHN, 30V, SILICONIX SI4925DY, SO-8	5.00000	Q5, Q1, Q2,	EA Q10, Q13
120610010		IC, FAST CHARGER, LIN TECH LTC-1759-CG, SMT, SSOP-38	1.00000	U1	EA
120610011		IC, TIMER, NE555D, SO-8	1.00000	U3	EA
120610012		IC, REG 3.3V, LIN. TECH LT1121CS8-3.3, SO-8	1.00000	U4	EA
120610013		IC, QUAD-PKG, 2 INPUT, NOR GATE, SOIC14, MC14001BD	1.00000	U2	EA
120710001		ADJ. ZENER REG., ZETEX ZR431F, SOT-23	1.00000	D18	EA
123100082		PCB, 1.925*3.6*0.062" 4 LAYER SMT, PTH, SMOBC	1.00000		EA
150030018		IND, 15uH, SMT SUMIDA CDRH125-150MC	1.00000	L2	EA
150030018		Ind, Chip Bead, SMT 1206, 6A, Fair-Rite 2512065007Y6	1.00000	L1	EA
150030020		COMMON-MODE BEAD, FAIR-RITE #2744051447	1.00000	L3	EA