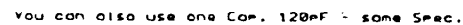


Arbeitsliste: CHARGER  
Datum: 22.03.94  
Blatt 2 von 3

CONRAD  
TECHNOLOGIE  
CENTER



CONRAD  
TECHNOLOGIE  
CENTER

Model: CC-01

Product: Charger Manager New

Customer: CEI

Standard:

B.O.M No. CC-01

Rev : 1

Issue Date : 9-August-1997

O/C No. :

O/C Qty :

Acc. Qty :

MR. No. :

MR Qty :

Material Del. Date :

Material Issue to Wicom Date :

#1	ELECTRONICS COMPONENTS				OVERALL						
ITEM	P/N-DWG No.	TYPE	REFERENCE	APP'D MFG	QTY	HK\$	VENDOR	CODE	REQ'D QTY	ISSUE QTY	FOLLOW QTY
1-1		P.C.B. D.S. 167 x 110mm, 1.6mm THK			1		Wah Tong	E			
1-2		MCU, PLCC52, I.C. 422480FN			1		CEI	E			
1-3		I.C. CCS9310CB, DIP18			1		CEI	E			
1-4		I.C. Cmos, CD 4053 P/N: TC4053BP			1		Array	E			
1-5		I.C. Op. Amp, LM324 P/N: NJM 324D			1		Texny	E			
1-6		I.C. Comparator, LM393 P/N: NJM 2903D			1		Texny	E			
1-7		Regulator, 7806, TO220			1		Texny	E			
1-8		Reference Diode, TL431, TO92 P/N: NJM431L			1		Texny	E			
1-9		Powee Mos Fet, BUZ11, TO220			1		Edal	E			
1-10		Powee Mos Fet, BUZ11 / BUZ11A TO220			1		Edal	E			
1-11		S30D40			1		Winning	E			
1-12		Zener Diode, 1/2W, +/-5% 4.7V P/N: 1N5230B			1		Texny	E			
1-13		Zener Diode, 1/2W, +/-5% , 5.1V P/N: 1N5231B			2		Texny	E			
1-14		Diode IN4001			4		Fukucom	E			
1-15		Diode IN4148 "PHILIPS"			21		Edal	E			
1-16		Transistor, NPN, BC547C, TO92 BC548B			7		Edal	E			
1-17		Transistor, PNP, BC557B, TO92 BC558B			1		Edal	E			
1-18		Crystal, 4.00 MHz, HC-49/U			1		Fordic	E			
1-19		Fuse -- Clip			6		Source Well	E			
1-20		Fuse, Slow Blow, 2A/250V			1		Source Well	E			
1-21		Fuse, Slow Blow, 4A/250V			2		Source Well	E			
1-22		Resistor, 1/4W, +/-5%, 1M Tape & Reel			1		Fukucom	E			
1-23		Resistor, 1/4W, +/-5%, 10M Tape & Reel			1		Fukucom	E			
1-24		Resistor, 1/4W, +/-5% 1K Tape & Reel			2		Fukucom	E			
1-25		Resistor, 1/4W, +/-5%, 2K2 Tape & Reel			4		Fukucom	E			
1-26		Resistor, 1/4W, +/-5%, 2K7 Tape & Reel			4		Fukucom	E			
1-27		Resistor, 1/4W, +/-5%, 4K7 Tape & Reel			2		Fukucom	E			
1-28		Resistor, 1/4W, +/-5%, 6K8 Tape & Reel			1		Fukucom	E			
1-29		Resistor, 1/4W, +/-5%, 10K Tape & Reel			14		Fukucom	E			
1-30		Resistor, 1/4W, +/-5%, 22K Tape & Reel			1		Fukucom	E			
1-31		Resistor, 1/4W, +/-5% 33K Tape & Reel			1		Fukucom	E			
1-32		Resistor, 1/4W, +/-5% 39K Tape & Reel			1		Fukucom	E			
1-33		Resistor, 1/4W, +/-5%, 47K Tape & Reel			5		Fukucom	E			
1-34		Resistor, 1/4W, +/-5%, 100K Tape & Reel			5		Fukucom	E			
1-35		Resistor, 1/4W, +/-5%, 220K Tape & Reel			3		Fukucom	E			

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1-36	Resistor, 1/4W, +/-5% 220 Ohm Tape & Reel	2	Fukucom	E		
1-37	Resistor, 1/4W, +/-5% 470 Ohm Tape & Reel	2	Fukucom	E		
1-38	Variable Resistor 1K	1	Wanco	E		
1-39	Resistor Network, 22K Ohm x 8, 9 Pin Sip	1	Welltronics	E		
1-40	Resistor, 5W, 0.1 Ohm (Wire Wound)	2	Fukucom	E		
1-41	Resistor, 1W 100 Ohm (Carbon Film)	1	Fukucom	E		
1-42	Resistor, 1/4W, +/-1% 1K (Metal Film)	1	Fukucom	E		
1-43	Resistor, 1/4W, +/-1% 1K8	1	Fukucom	E		
1-44	Resistor, 1/4W, +/-1% 10K	1	Fukucom	E		
1-45	Resistor, 1/4W, +/-1% 33K	1	Fukucom	E		
1-46	Resistor, 1/4W, +/-1% 39K	1	Fukucom	E		
1-47	Resistor, 1/4W, +/-1% 100K	1	Fukucom	E		
1-48	Resistor, 1/4W, +/-1% 150K	1	Fukucom	E		
1-49	Resistor, 1/4W, +/-1% 220K	1	Fukucom	E		
1-50	Resistor, 1/4W, +/-1% 390K	1	Fukucom	E		
1-51	Resistor, 1/4W, +/-1% 820 Ohm	1	Fukucom	E		
1-52	Tan Cap. 0.47uF/16V 489D474X0035A1	8	M-Tec	E		
1-53	Tan Cap. 1uF/16V 489D105X0025A1	5	M-Tec	E		
1-54	Tan Cap. 4.7uF/16V 489D475X0016B1	2	Bipole	E		
1-55	Tan Cap. 10uF/16V 199D106X0016CA1	2	M-Tec	E		
1-56	Elect. Cap. 1000UF/25V Dim. 10 x 20mm	1	M-Tec	E		
1-57	Elect. Cap. 10 UF/16V Dim. 5 x11mm	1	M-Tec	E		
1-58	Elect. Cap. 22UF/16V Dim. 5 x 11mm	1	M-Tec	E		
1-59	Ceramic Cap. 0.1UF/50V	5	M-Tec	E		
1-60	Ceramic Cap. 22PF	2	M-Tec	E		
1-61	Ceramic Cap. 470PF/50V	1	M-Tec	E		
1-62	Ceramic Cap. 39PF, +/-5%, NPO "Murata"	1	Welltronics	E		
1-63	Ceramic Cap. 82PF, +/-5%, NPO "Murata"	1	Welltronics	E		
1-64	Metal Film Polystyrol Cap. 0.15UF/63V	1	Yes	E		
1-65	Metal Film Polystyrol Cap. 0.33UF/63V	1	Yes	E		
1-66	Gold Cap. 100000UF/5.5V P/N : EEC-S5R5V104	1	YEL	E		
1-67	Relay coil : 12VDC 220 Ohm, Contact : 2 x 5A, 250V	4	Goodsky	E		
1-68	LCD Module, 2 x 16 Characters P/N WM-C1602K-ITNN	1	M-Tec	E		
1-69	Wire, 22AWG, 110mm, White	4	Hop Wah	E		
1-70	Wire, 22AWG, 110mm, Yellow	4	Hop Wah	E		
1-71	Wire, 22AWG, 130mm, Blue	4	Hop Wah	E		

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Product: Charger Manager New		Rev : 1		O/C Qty :		MR Qty :	
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-72	Wire, 24AWG, 280mm, Black/Red In Pair		1		Hop Wah	E	
-73	Push Botton P/N: 4064		1		Lion	E	
-74	Transformer EI-66 (Same as VC4+1)		1		Hop Shing	E	
-75	X23L Thermal Fuse (For Transfomer)		1		Hop Shing	E	
-76	VDE App. AC Cord LD001		1		Hop Shing	E	

#2 PLASTICS PARTS											
ITEM	P/N-DWG No.	TYPE	FINISH	OVERALL COLOUR	QTY	HK\$	VENDOR	CODE	REQ'D QTY	ISSUE QTY	FOLLOW QTY
-1		Top Cabinet			1		Po Fung	P			
-2		Bottom Cabinet			1		Po Fung	P			
-3		Plastic Bracket			1		Po Fung	P			

#3 METALS PARTS											
ITEM	P/N-DWG No.	TYPE	FINISH	OVERALL RAW MATERIAL	QTY	HK\$	VENDOR	CODE	REQ'D QTY	ISSUE QTY	FOLLOW QTY
-1		Heat Sink, L Shape, 1.5mm THK Size: (165 x 55)mm + (165 x 17)mm			1		Sunco	M			
-2		Screw Dia. 2.3 x 5 PA			2		Wing Hing	M			
-3		Screw Dia. 3 x 8 PM			2		Wing Hing	M			
-4		Screw Dia. 3 x 12 PM			1		Wing Hing	M			
-5		Screw Dia. 2.3 x 8 PWA (NI)			4		Wing Hing	M			
-6		Screw Dia. 3 x 14 PB H-Head			5		Wing Hing	M			
-7		Screw Dia. 3 x 8 KA			6		Wing Hing	M			
-8		Screw Thread Insulator (Bushing TO-220)			3		Yih Yeong	M			
-9		Contact Plate (+) Large 11-981-12			4		Cheong Wah	M			
-10		Contact Plate (+) Small 11-401-12			4		Cheong Wah	M			
-11		Contact Plate (-) Large 11-401-02			4		Cheong Wah	M			
-12		Contact Plate For Spring 11-981-10			4		Cheong Wah	M			
-13		Tension Spring O.D. 3.3mm (43.5mm/500g)			4		New Kowloon	M			
-14		Internal Tooth Washer M3 (I.D. 3.3 x O.D. 6.4 x T. 0.45)			3		Yuet Chung	M			
-15		Nut For Heat Sink "3504-1"			3		Hing Sing	M			
-16		Rubber Pad L=30 x W=17 x T=0.8mm			4		Leader	M			

#4 MISCELLANEOUS											
ITEM	P/N-DWG No.	TYPE	RAW MATERIAL	OVERALL FINISH	QTY	HK\$	VENDOR	CODE	REQ'D QTY	ISSUE QTY	FOLLOW QTY
1		Sponge 38 x 10 x 5mm W/Double Side Tape			1		Cheong Wah	M			
2		Rubber Foot Dia. 10 x 6 mm			5		Ka Shing	M			
3		Mica Insulator, TO220 (TO-220) AR230			2		Yih Yeong	M			
4		Mica Insulator, TO247 (TO-3P) AR130			1		M-Tec	M			

Wernex Electronics Ltd.

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		Acc. Qty		Material Issue to Wicom Date	
4-5	Ribbon Wire, 14 Pins 2 x 300mm Pitch 2.54				
	AWG26	1	C & L	M	
4-6	Shrinkable Tube Dia=4 L=8mm	4	P & T	M	

[illegible]