

Fullplay Media Systems, Inc.

12600 SE 38th St, Suite 150
 Bellevue, WA 98006
 (425) 653-5505

8/16/2002

Fullplay Media Systems, Inc. Bill Of Materials - DJ-C40 500-0005-07-x3 - 8/16/2002 Confidential Information							
Item	P/N	Qty	Ref Des	Title	Detail	Mfr	Mfr P/N
	100-0018-03-x7	1		Main Board			
1	910126	2	C1 C2	Cap, Ceramic Chip, 27pF 5% NPO 50V 0603		Panasonic	ECJ-1VC1H270J
2	910064	2	C3 C4	Cap, Ceramic Chip, 15pF 5% 50V NPO 0603		Panasonic	ECJ-1VC1H150J
			C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C33 C34 C40 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C62 C63 C66 C70 C71 C72 C75 C76 C87 C88 C89 C90 C94 C96 C98 C100 C101 C103 C104 C109 C117 C120 C121 C122 C123 C124 C125 C126 C130				
3	910009	67	C131	Cap, Ceramic Chip, 0.1uF 10% X7R 16V 0603		Panasonic	ECJ-1VB1C104K
4	910001	2	C15 C16	Cap, Ceramic Chip, 22pF 5% NPO 50V 0603		Panasonic	ECJ-1VC1H220J
5	910081	4	C17 C19 C77 C81 C18 C102 C105 C106 C107 C110	Cap, Tant, 3.3uF 16V 20% SMD B Case		Panasonic	ECS-H1CX335R
6	910063	9	C111 C112 C115	Cap, Cer, 47pF 5% 50V NPO 0603		Panasonic	ECJ-1VC1H470J
7	910066	3	C20 C31 C118	Cap, Ceramic Chip, 100pF 5% 50V NPO 0603		Panasonic	ECJ-1VC1H101J
8	910067	2	C32 C119	Cap, Ceramic Chip, 0.01uF 10% 50V X7R 0603		Panasonic	ECJ-1VB1H103K
9	910068	1	C35	Cap, Elect, 1000uF 20% 35V Radial		Panasonic	ECA-1VM102
10	910069	1	C36	Cap, Ceramic Chip, 0.47uF +80/-20% 16V Y5V 0805		Panasonic	ECJ-2VF1C474Z
11	910070	1	C37	Cap, Ceramic Chip, 0.022uF 10% 25V X7R 0603		Panasonic	ECJ-1VB1E223K
12	910071	1	C38	Cap, Elect, 22uF 20% 35V Low ESR SMD		Panasonic	EEV-FC1V220P
13	910005	5	C39 C67 C68 C91 C92	Cap, Ceramic Chip, 1000pf 10% X7R 50V 0603		Panasonic	ECJ-1VB1H102K
14	910073	1	C41	Cap, Tant, 2.2uF 16V 20% SMD A Case		Panasonic	ECS-T1CY225R
15	910074	1	C42	Cap, Tant Low ESR, 100uF 16V 10%, SMD-7343H	100 mOhms or less ESR	AVX	TPSE107K016R0100
16	910013	3	C43 C45 C113	Cap, Ceramic Chip, 1uF 10% X7R 10V 0805		Panasonic	ECJ-2YB1A105K
17	910075	1	C44	Cap, Ceramic Chip, 0.047uF 10% 25V X7R 0603		Panasonic	ECJ-1VB1E473K
18	910015	2	C60 C61	Cap, Elect, 22uF 20% 6.3V, B Case		Panasonic	EEV-FC0J220R
19	910004	2	C64, C65	Cap, Ceramic Chip, 560pF 50V NPO 5% 0603		Panasonic	ECJ1VC1H561J
20	910085	5	C69 C93 C95 C97 C99	Cap, Elect, 1.0uF 50V, Case B		Panasonic	ECE-V1HA010SR
21	910080	1	C73	Cap, Tant, 2.2uF 10V 20% SMD A Case		Panasonic	ECS-T1AY225R
22	910003	3	C74 C128 C133	Cap, Ceramic Chip, 470pf 5% NPO 50V 0603		Panasonic	ECJ-1VC1H471J
23	910082	4	C78 C79 C83 C84	Cap, Ceramic Chip, 1500pF 10% 50V X7R 0603		Panasonic	ECJ-1VB1H152K
24	910137	4	C80 C82 C114 C116	Cap, Elect, 10uF, 16V A Case		Panasonic	ECE-V1CS100SR
25	910072	2	C85 C86	Cap, Ceramic Chip, 1000pF 5% 50V NPO 0805		Panasonic	ECJ-2VC1H102J
26	910076	2	C108 C129	Cap, Tant, 4.7uF 16V, TE Series	SMD-3216 Size-Y	Panasonic	ECS-T1CY475R
27	930017	1	D1	Diode, Zener, TVS, Unidir. 13V 100A 600W, SMD SMB-403A		ON Semiconductor	P6SMB13AT3
28	930018	1	D2	Diode, Schottky Power Rectifier, 20V 3A, SMD SMC-403		ON Semiconductor	MBRS320T3
29	910087	1	F1	Fuse, Polyswitch, 15V 2.5A, SMD	5A 0.050 Ohms	Raychem	SMD250-2
30	940008	1	J2	Conn, Header, Male, ST 4x2 Dual Row, Tin, 8-SMD	2.00mm Spacing	Sullins	PRPN042MAMP
31	940038	1	J3	Conn, Header, Male, ST Locking, 4-SIP	.156 Spacing	Molex	09-65-2048
32	940013	1	J4	Conn, Header, Male, ST 5x2 Dual Row, Tin, 10-DIP	.1 spacing	Sullins	PTC05DAAN

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Item	P/N	Qty	Ref Des	Title	Detail	Mfr	Mfr P/N
33	940037	1	J5	Conn, Header, 40 Pin 2x20 Shrouded, 0.1" Straight		Leoco	3675P40VUA0
34	940015	1	J6	Gold Flash		Molex	52610-3090
35	940036	1	J7	Conn, ZIF, Vertical, 30 Lead 1mm, SMD		Leoco	DE-09SLURL2
36	940016	1	J8	Conn D-Sub Jack 9 Pin Rt Angle 0.318 PCB TH		Amphenol	RJHS-5081
37	940024	1	J9	Conn Jack, RJ45, Rt Angle w/ LEDs G/Y	8 Pin	Sharp Opto-Electronics	GP1FA511TZ
38	940017	1	J12	Conn, SPDIF Jack, Transmitter, GP1FA511TZ	Through Hole	RDI	KLP42-61-RW/RW
				Conn, Phono, 4 Gang Red/White			
39	940018	1	J13	Conn, IDE, Power, 250V 13A, Vertical 4-SIP Female	.2" spacing	AMP	794287-1
40	910022	5	L1 L2 L3 L5 L6	Ind, EMI Filter, 30 Ohms 3000mA 0.015 Ohm, 0805		Murata	BLM21P300SPT
41	910023	1	L4	Ind, Power, 47uH 4A 20% .097 Ohms, SMD	10MHz	Coilcraft	DS5022P-473
48	930011	1	Q1	Trans, NPN, 40V 600mA 350mW, SOT23	300Hfe, 1.0V, 2.0V	Diodes Inc.	MMBT2222A
49	930012	1	Q2	Trans, PNP, -60V -600mA 350mW, SOT23	300Hfe, -2.6V, 1.6V	Diodes Inc.	MMBT2907A
50	930023	3	Q3 Q4 Q6	Trans, MOSFET, N-chan, 60V 5 Ohm RDS (on)		Siliconix	2N7002
				200mA, SOT-23			
51	930036	1	Q5	Trans, MOSFET, Pchan, -50V, 130mA, 125mW, SOT-23		Diodes Inc.	BSS84
52	910052	3	R1 R73 R74	Res, Thick Film Chip, 47K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ473V
54	910045	8	R3 R8 R39 R44 R45 R48 R49 R56	Res, Thick Film Chip, 10K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ103V
55	910089	1	R4	Res, Thick Film Chip, 18K 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ183V
56	910139	2	R5 R10	Res, Thick Film Chip, 15.0K Ohm 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF1502V
			R6 R11 R17 R28 R54 R62 R65 R71 R107 R127 R137 R138 R139	Res, Thick Film Chip, 100K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ104V
57	910053	14	R140	Res, Thick Film Chip, 1K Ohm 5% 1/16W 100ppm, 0603		Panasonic	ERJ-3GEYJ102V
58	910036	4	R7 R15 R108 R109	Res, Thick Film Chip, 100 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ101V
			R9 R16 R50 R110 R111 R112 R113 R118 R119 R122 R125	Res, Thick Film Chip, 7.50K 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF7501V
59	910031	13	R132 R133	Res, Thick Film Chip, 1.87K Ohm 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF1871V
60	910090	1	R12	Res, Thick Film Chip, 4.7K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ472V
61	910038	1	R13	Res, Thick Film Chip, 120K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ124V
62	910041	2	R14 R59				
63	910054	1	R18				
			R19 R20 R21 R22 R23 R24 R25 R26 R27 R29 R30 R31 R32 R33 R34 R35 R36 R37 R40 R43 R46 R99 R100 R101 R102 R103 R104 R105 R106 R120 R121 R123	Res, Thick Film Chip, 33 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ330V
64	910030	36	R124 R129 R130 R131	Res, Array, Isolated, 100K 5% 1/16W 4Res 8Pin		Panasonic	EXB-V8V104JV
65	910093	11	R38 R82 R83 R84 R85 R87 R88 R89 R90 R91 R135	SMD		Panasonic	ERJ-3GEYJ220V
66	910094	2	R41 R42	Res, Thick Film Chip, 22 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEY0R00V
			R47 R114 R115 R116 R117 R142 R145 R146 R147 R148 R149	Res, Thick Film Chip, Zero Ohm 5% 1/16W , 0603		Panasonic	ERJ-6RQF8R2V
67	910024	11		Res, Thick Film Chip, 8.2 Ohm 1% 1/8W 100ppm, 0805		Panasonic	
68	910027	2	R51 R52				

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69	910096	2	R53 R55 R57 R61 R63 R64 R69 R70 R77 R78 R86 R96 R97 R98 R126 R136 R141	Res, Thick Film Chip, 390 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ391V
70	910132	15		Res, Thick Film Chip, 10.0K 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF1002V
71	910042	1	R58	Res, Thick Film Chip, 4.99K Ohm 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF4991V
72	910134	6	R60 R67 R79 R80 R128 R134	Res, Thick Film Chip, 562 Ohm 1% 1/8W 100ppm, 1206		Panasonic	ERJ-8ENF5620V
73	910029	1	R72	Res, Thick Film Chip, 10 Ohm 5% 1/2W 200ppm, 2010		Panasonic	ERJ-12ZYJ100U
74	910143	2	R75 R76	Res, Thick Film Chip, 5.36K Ohm 1% 1/16W 100ppm, 0603		ASJ	CR16-5361FF
75	910133	1	R81	Res, Thick Film Chip, 71.5K 1% 1/16W 100ppm, 0603		Panasonic	ERJ-3EKF7152V
76	910142	6	R94 R95 R143 R144 R150 R151	Res, Thick Film Chip, 100K Ohm 1% 1/16W 100ppm, 0603		ASJ	CR16-1003FF
77	960002	1	S1	Switch, TACT, Rt Angle Light-Touch, 6mm, 8.35mm			
78	910101	1	T1	Shaft, TH		Panasonic	EVQ-PF108K
102	920019	1	U2	Transformer, 10Base-T, 16 Pin SMD		Pulse	ST4242T
103	920045	1	U3	IC, Hex Schmitt Trigger Inv, 74LVX14, 14-SOIC IC, Logic, Quad 2 Input AND Gate 74LVX08, 3.3V SOIC-150	5V Tolerant	ON Semiconductor	MC74LVX14D
104	920020	2	U5 U7	IC, SDRAM, 1Mbit x 16bit x 4banks, 100MHz, 54- TSOP		Fairchild	74LVX08M
105	920021	1	U6	IC, Flash, 1M x 16, 90ns, SST39VF160, TSSOP48		Samsung	K4S641632D-TC1L
106	920038	5	U9 U14 U16 U17 U24	IC, Octal Bus Transceiver, 74LVX245, SOIC20-300 IC, Low Noise LDO Regulator, 2.5V 150mA, MIC5207- 2.5BM5, SOT23-5		Fairchild	74LVX245M
107	920022	1	U10	IC, Power, PWM, TL5001AID, 21mA, 8-SOIC	725mW	Micrel	MIC5207-2.5BM5
108	920001	1	U11	IC, HEXFET Power MOSFET, -5.3A, SO8	2.5W	Texas Instruments	TL5001AID
109	930015	1	U12	IC, Interface, Digital Thermal Sensor TC74A5- 3.3VCT, 3.3V SOT23-5		International Rectifier	IRF7204
110	920040	1	U13	IC, Logic, ISR, CPLD, 100MHz 32-Macrocells, CY37032VP44, TQFP44		Microchip	TC74A5-3.3VCT
111	920025	1	U15	IC, Quad 2 Input OR Gate, 74LVX32, SOIC-14		Cypress	CY37032VP44-100AC
112	920026	1	U18	IC, Ethernet Controller, CS8900A-CQ3, 100-TQFP		Toshiba	TC74LVX32FN
113	920007	1	U19	IC, Serial EEPROM, 1K 2.7V, 64 x 16, 93LC46B, 8- SOIC		Cirrus Logic	CS8900A-CQ3
114	920008	1	U20	IC, Interface, Digital Audio Transmitter, CS8405A-CS, SOIC28-300	S/PDIF	Microchip	93LC46B-SN
116	920039	1	U22	IC, CODEC, Stereo LV Headphone Amp, CS42L50- KN, Cason-28		Cirrus Logic	CS8405A-CS
117	920029	1	U23	IC, LDO VReg, 3.3V 800mA 1%, LM1117, SOT-223		Cirrus Logic	CS42L50-KN
118	920036	1	U25	IC, Reset 3.3V Trip 2.88V, SOT223		National Semiconductor	LM1117MPX-3.3
119	920035	1	U27	IC, Micro, ARM w/ SDRAM/Digital Audio, 90MHz, EP7312, 208-LQFP	Cirrus 7312-90	Dallas Semiconductor	DS1233AZ-10
120	920018	1	U28	IC, Low Noise LDO Regulator, 3.3V 180mA, SOT23-5 IC RS-232 TRANSCEIVER SSOP16 3V -5V +/- 15KV ESD		Cirrus Logic	EP7312-CV-90
121	920028	1	U30	IC, Analog, Quad Rail-to-Rail Op Amp	SO-14	Micrel	MIC5207-3.3BM5
122	920037	1	U31	IC, Analog, Single Low Resistance SPDT Analog Multiplexer	6 Pin MicroPak SMD	Maxim	MAX3221ECAE
123	920057	2	U32 U34			National Semiconductor	LM6134BIM
124	920052	2	U33 U35			Fairchild	NC7SB3157P6X

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125	920053	1	U36	IC, Low Noise LDO Regulator, ADJ. 150mA,			
126	910135	1	Y1	MIC5207-BM5, SOT23-5		Micrel	MIC5207-BM5
127	910103	1	Y2	Crystal, 3.6864MHz 18pF, SMD-CSM-7		M-tron Industries	ASTM49-3.6864
128	910104	1	Y3	Crystal, 32.768KHz 12.5pF, C-001R Type		Epson	C-001R 32.768K-A
129	910058	1	Y4	Crystal, 12.288MHz 18pF, SMD		Citizen	CM309B12.288MABJT
130	200-0018-04	1		Crystal, 20.000MHz 18pF, SMD-CSM-7	ESR-50 Ohm Max	M-tron Industries	ASTM49-20.0000
131	910084	2	C127 C132	PCB, Main, Home Stereo Program, DJSahara_4			
				Cap, Ceramic Chip, 3300pF 10% 50V X7R 0603		Panasonic	ECJ-1VB1H332K
	100-0019-03-x1	1		Right Display Board			
1	910085	8	C1 C2 C3 C4 C5 C6 C7 C8	Cap, Elect, 1.0uF 50V, Case B		Panasonic	ECE-V1HA010SR
2	910063	2	C9 C10	Cap, Cer, 47pF 5% 50V NPO 0603		Panasonic	ECJ-1VC1H470J
3	910076	1	C11	Cap, Tant, 4.7uF 16V, TE Series	SMD-3216 Size-Y	Panasonic	ECS-T1CY475R
4	930019	1	D1	Diode, Schottky Barrier, 40V 225mW, SOT-23		ON Semiconductor	BAS40LT1
6	940009	1	J1	Conn, Header, 30 Pin, Top Contact, SMD		Hirose	FH12A-30S-0.5SH
7	940015	1	J2	Conn, ZIF, Vertical, 30 Lead 1mm, SMD		Molex	52610-3090
8	940010	1	J3	Conn, Header, Male, 2 Pin 1.25mm Rt Angle, SMD		Molex	53261-0290
9	940011	1	J5	Conn, Header, Male, 12 Pin 1.25mm Rt Angle, SMD		Molex	53261-1290
10	930024	1	Q2	Trans, MOSFET, Nchan, 20V, 2A, 1.25W, SOT-23	0.11 Ohm RDS(on) @ 2.5V	Vishay Siliconix	Si2302ADS
13	910110	1	R3	Res, Thick Film Chip, 2.7 Ohm 5% 1/2W 100ppm 2010		Panasonic	ERJ-12ZYJ2R7U
14	910031	1	R4	Res, Thick Film Chip, 100 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ101V
15	910030	10	R5 R6 R11 R12 R13 R14 R15	Res, Thick Film Chip, 33 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ330V
16	960003	6	R16 R17 R18	Switch, Tact, Mom., 1.6N 3.1High w/ GND		Omron	B3SN-3112P
18	920044	1	S1 S2 S3 S4 S5 S6	IC, IR Detector, 38KHz, w/ AGC, SMD	Top View Taping on Reel	Vishay Telefunken	TSOP6238TT
19	200-0019-04	1	U1	PCB, Display Left, Home Stereo Program DJSahara_4			
	100-0023-03-x1	1		Left Display Board			
1	910063	2	C1 C2	Cap, Cer, 47pF 5% 50V NPO 0603		Panasonic	ECJ-1VC1H470J
3	940011	1	J4	Conn, Header, Male, 12 Pin 1.25mm Rt Angle, SMD		Molex	53261-1290
4	930022	1	LED1	LED, Dual, Red/Green, SMD-1210		American Bright	BL-HD1X123B
5	930023	2	Q2 Q3	Trans, MOSFET, N-chan, 60V 5 Ohm RDS (on) 200mA, SOT-23		Siliconix	2N7002
6	910108	1	R5	Res, Thick Film Chip, 62 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ620V
7	910031	1	R6	Res, Thick Film Chip, 100 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ101V
8	910053	2	R9 R10	Res, Thick Film Chip, 100K Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ104V
9	960003	7	S7 S8 S9 S10 S11 S12 S13	Switch, Tact, Mom., 1.6N 3.1High w/ GND		Omron	B3SN-3112P
10	910030	2	R8 R11	Res, Thick Film Chip, 33 Ohm 5% 1/16W 200ppm, 0603		Panasonic	ERJ-3GEYJ330V
11	200-0023-04	1		PCB, Display Right, Home Stereo Program DJSahara_04			

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