

Fulplay Media Systems, Inc.						
Dharma Development Platform						
Bill of Materials - Confidential Information						
500-0004-1-C						
11-26-2001						
INDEX	REF DES	QTY	DESCRIPTION	SUPPLIER PART NUMBER	SUPPLIER	CLIENT PART NUMBER PACKAGE
Assembly, Main PCB						
1	PWB1	1	PWB, Main	200-016-01-A		
2	C184	1	Cap Cer 100pF 5% 50V NPO	ECJ1VC1H101J	Panasonic	PCC101ACVTR-ND 0603
3	C176	1	Cap Cer 150pF 50V NPO	ECJ1VC1H151J	Panasonic	PCC151ACVTR-ND 0603
4	C105 C165 C166 C196	4	Cap Cer 1000pF 10% 50V X7R	ECJ1VB1H102K	Panasonic	PCC1772TR-ND 0603
5	C107 C112 C117 C121 C185	5	Cap Cer 0.01uF 10% 25V X7R	ECJ1VB1E103K	Panasonic	PCC1763CT-ND 0603
6	C100	1	Cap Cer 0.022uF 10% 25V X7R	ECJ1VB1E223K	Panasonic	PCC1767CT-ND 0603
7	C110	1	Cap Cer 0.047uF 10% 25V X7R	ECJ1VB1E473K	Panasonic	PCC1771CT-ND 0603
8	C115 C118 C119 C129 C152 C153 C154 C155 C160 C167 C173 C178 C179 C183 C191 C192 C193 C194 C198 C199 C200 C203 C204 C205 C206 C207 C208 C209 C210 C211 C214 C215 C216	33	Cap Cer 0.1uF 10% 16V X7R	ECJ1VB1C104K	Panasonic	PCC1762CT-ND 0603
9	C114 C161 C162 C163 C164	5	Cap Cer 0.47uF +80/-20% 16V Y5V	ECJ2VF1C474Z	Panasonic	PCC1847CT-ND 0805
10	C104 C109 C202	3	Cap Tant 1.0uF 16V	ECSH1CY105R	Panasonic	PCT3105CT-ND C3216
11	C122	1	Cap Tant 2.2uF 16V	ECSH1CX225R	Panasonic	PCT3225CT-ND C3528
12	C168 C169 C170 C171 C172 C175 C180	7	Cap Elect 2.2uF 50V	ECEV1HSR22SR	Panasonic	PCE3085CT-ND SMECAP-B
13	C102 C103 C111 C187	4	Cap Tant 10uF 10V	ECST1AX106R	Panasonic	PCS2106CT-ND C3528
14	C174 C177	2	Cap Tant 10uF 25V	T491C106M025AS	Kemet	C6032
15	C101	1	Cap Elect 22uF 20% 35V Low ESR	EEVFC1V220P	Panasonic	PCE3119TR-ND SMECAP-D
16	C106 C120 C181	3	Cap Tant 22uF 6.3V	ECST0JX226R	Panasonic	PCS1226CT-ND C3528
17	C186	1	Cap Tant 22uF 20% 35V Low ESR	TPSE226M035R0200	AVX	C7343H
18	C197	1	Cap Elect 47uF 16V	ECEV1CA470SP	Panasonic	PCE3064CT-ND SMECAP-D
19	C108	1	Cap Tant 100uF 10% 16V Low ESR	TPSE107K016R0100	AVX	C7343H
20	C116	1	Cap Tant 100uF 20% 20V	T491X107M020AS	Kemet	C7343
21	C113	1	Cap Elect 1000uF 20% 35V	ECA1VM102	Panasonic	P5169-ND C-RAD12.5-5
22	D100	1	Diode Surge 600W 13V UNIDIR	P6SMB13AT3	ON Semiconductor	DO403A
23	D101	1	Diode Schottky Power Rectifier	MBRS320T3	On Semi	DO403-03
24	D102	1	Diode LED Hi-Eff Red Diffused T-1	HLMP-1321	Agilent	LED
25	D103 D105 D109	3	Diode Schottky Power Rectifier	MBRS130LT3	On Semi	DO403A
26	D110 D111 D112 D113 D114 D115	6	Diode Schottky 200mA 30V	BAT54	Diodes Inc	BAT54DICT-ND SOT23-A2C
27	F100	1	Fuse Polyswitch 2.5A	SMD250-2	Raychem	SMD250TR-ND SM374X264
28	J1 J119 J120 J121 J122 J125 J126 J143 J147 J148 J150 J151 J157 J158	14	Conn Header 1x2 Pos 0.1in Straight Tin	PTC02SAAN	Sullins	S1012-02-ND CONN2
29	J100 J101 J108 J109 J111 J113 J114 J115 J118 J153 J154 J159	12	Conn Header 40 Pin 2MM 2X20	87331-4020	Molex	87331-4020
30	J102 J103 J104 J105 J106 J107 J110 J112 J116 J117 J152 J160	12	Conn Header 20 Pin 2MM 2X10	87331-2020	Molex	87331-2020
31	J123	1	Conn Power Jack 2.1mm Rt Angle PCB	RAPC722	Switchcraft	SC1153-ND RAPC722
32	J124	1	Conn DINN 5 Pin	SDS-50J	CUI Stack	DIN_SDS-50J
33	J139	1	Conn Header 40 Pin 2X20 Latch IDE	499910-9	AMP	499910-9 40PIN IDE
34	J140	1	Conn Header ST Dual Row M Tin 10 Pin	PTC05DAAN	Sullins	S2012-05-ND CONN10DR100
35	J142	1	Conn D-Sub Plug 9 Pin Rt Angle 0.318	747250-4	AMP	A2096-ND 747250-4
36	J144 J145	2	Conn Header 18 Pin	FH10A-18S-1SHB	Hirose	FH10A-18S-1SHB_REV1
37	J146	1	Conn IDE Power	ZHC25641	Global Computer Supplies	CONN_IDE
38	J155 J156	2	Conn Header 1x3 Pos 0.1in Straight Tin	PTC03SAAN	Sullin	S1012-03-ND CONN3
39	L101	1	Ind 47 uH 20% Power	DS5022P-473	Coilcraft	DS5022P
40	L103	1	Ind 47 uH Power	DT1608C-473	Coilcraft	DT1608
41	Q100	1	Trans NPN 40V 600mA 225mW	MMBT2222A	Diodes Inc.	MMBT2222ADITR-ND SOT23
42	Q101	1	Trans PNP 60V 600mA 225mW	MMBT2907A	Diodes Inc.	MMBT2907ADICT-ND SOT23
43	Q102	1	Trans PNP Medium Power High Gain	FZT788BT	Zetex	FZT788BCT-ND SOT223
44	Q103	1	Trans NPN 40V 200mA 225mW	MMBT3904	Diodes Inc.	MMBT3904DICT-ND SOT23
45	R284	1	Res 0 1/16W Jumper CF	ERJ3GSY0R00V	Panasonic	P0.0GTR-ND 0603
46	R237	1	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND 1206
47	R108 R109	2	Res 0.18 5% 1/10W 250ppm CF	ERJ6RSJR18V	Panasonic	P.18BTR-ND 0805
48	R206 R208 R210 R215	4	Res 4.7 5% 1/16W CF	ERJ3GEYJ4R7V	Panasonic	0603
49	R161 R165	2	Res 22 5% 1/16W 200ppm CF	ERJ3GSYJ220V	Panasonic	P22GTR-ND 0603
50	R202 R203 R204	3	Res 22 5% 1/8W 200ppm CF	ERJ8GEYJ220V	Panasonic	P22ETR-ND 1206

51	R137 R138 R139 R140 R141 R142 R143 R144 R147 R148 R149 R150 R151 R152 R153 R155 R156 R157 R158 R162 R166	21	Res 33 5% 1/16W 200ppm CF	ERJ3GSYJ330V	Panasonic	P33GTR-ND	0603
52	R167 R168 R169 R171 R173 R175 R177 R179 R182 R184 R185 R186 R189 R191 R192 R194 R195 R196 R197 R199 R201	21	Res 33 5% 1/8W 200ppm CF	ERJ8GEYJ330V	Panasonic	P33ETR-ND	1206
53	R274	1	Res 47 5% 1/16W 200ppm CF	ERJ3GSYJ470V	Panasonic	P47GTR-ND	0603
54	R174 R176 R178 R180	4	Res 82 5% 1/8W 200ppm CF	ERJ8GEYJ820V	Panasonic	P82ETR-ND	1206
55	R104	1	Res 100 5% 1/16W 200ppm CF	ERJ3GSYJ101V	Panasonic	P100GTR-ND	0603
56	R115	1	Res 300 5% 1/16W 200ppm CF	ERJ3GSYJ301V	Panasonic	P300GTR-ND	0603
57	R238	1	Res 330 5% 1/16W 200ppm CF	ERJ3GSYJ331V	Panasonic	P330GTR-ND	0603
58	R154	1	Res 470 5% 1/16W 200ppm CF	ERJ3GSYJ471V	Panasonic	P470GTR-ND	0603
59	R103 R110	2	Res 1K 5% 1/16W 200ppm CF	ERJ3GSYJ102V	Panasonic	P1.0KGTR-ND	0603
60	R101	1	Res 1.87K 1% 1/16W MF	ERJ3EKF1871V	Panasonic	P1.87KHTR-ND	0603
61	R107	1	Res 2.2K 5% 1/16W 200ppm CF	ERJ3GSYJ222V	Panasonic	P2.2KGTR-ND	0603
62	R102	1	Res 4.7K 5% 1/16W 200ppm CF	ERJ3GSYJ472V	Panasonic	P4.7KGTR-ND	0603
63	R100	1	Res 7.50K 1% 1/16W MF	ERJ3EKF7501V	Panasonic	P7.50KHTR-ND	0603
64	R111 R113 R146 R159 R160 R163 R164 R183 R213 R283	10	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
65	R205 R207 R212 R218 R228 R229 R230 R231 R232 R233 R234 R235 R236	13	Res 22K 5% 1/16W 200ppm CF	ERJ3GSYJ223V	Panasonic	P22KGTR-ND	0603
66	R217	1	Res 46.4K 1% 1/16W MF	ERJ3EKF4642V	Panasonic	P46.4KHTR-ND	0603
67	R105 R112 R120 R198 R200 R216 R246 R248 R251 R256 R257 R275 R276 R277 R278 R286 R288 R289 R290 R291 R292 R293 R294 R295 R298 R299 R300 R301 R302	29	Res 100K 5% 1/16W 200ppm CF	ERJ3GSYJ104V	Panasonic	P100KGTR-ND	0603
68	R106	1	Res 120K 5% 1/16W 200ppm CF	ERJ3GSYJ124V	Panasonic	P120KGTR-ND	0603
69	R209	1	Res 150K 5% 1/16W 200ppm CF	ERJ3GSYJ154V	Panasonic	P150KGTR-ND	0603
70	R114	1	Res 200K 5% 1/16W 200ppm CF	ERJ3GSYJ204V	Panasonic	P200KGTR-ND	0603
71	R125	1	Res 301K 1% 1/16W MF	ERJ3EKF3013V	Panasonic	P301KHTR-ND	0603
72	R126	1	Res 324K 1% 1/16W MF	ERJ3EKF3243V	Panasonic	P324KHTR-ND	0603
73	R249	1	Res 470K 5% 1/16W 200ppm CF	ERJ3GSYJ474V	Panasonic	P470KGTR-ND	0603
74	R259 R260 R261 R262 R263 R296 R297	7	Res 499K 1% 1/16W MF	ERJ3EKF4993V	Panasonic	P499KHTR-ND	0603
75	R214	1	Res 511K 1% 1/16W MF	ERJ3EKF5113V	Panasonic	P511KHTR-ND	0603
76	R123 R124	2	Res 619K 1% 1/16W MF	ERJ3EKF6193V	Panasonic	P619KHTR-ND	0603
77	R258	1	Res 750K 1% 1/16W MF	ERJ3EKF7503V	Panasonic	P750KHTR-ND	0603
78	R211 R242	2	Res 1.0M 5% 1/16W 200ppm CF	ERJ3GSYJ105V	Panasonic	P1.0MGTR-ND	0603
79	S100 S101 S102 S103 S104 S105 S106 S107 S108 S109 S110 S111 S112 S113 S114 S115 S116	17	Switch Tact Mom 100gm 5MMx6MM	EVQ-PBC05R	Panasonic	P8014S-ND	SW_TACT5P
80	SW100	1	Switch SPDT Panel Mount	CA01J12207Q	C&K Components		SW-CA01J
81	T100 (SEE NOTE 1)	1	Transformer DC-DC Converter	CEE93 (6375-T071)	Sumida		CEE93
82	L104 (SEE NOTE 1)	1	Ind 10 uH Power	DS1608C-103	Coilcraft		DS1608
83	U100	1	IC PWM Power Control	TL5001AID	Texas Inst		SOIC8-150
84	U101	1	IC LDO VReg 3.3V 1% 800MA	LM1117MPX-3.3	National	LM1117MPX-3.3-ND	SOT223
85	U103	1	IC HEXFET Power MOSFET	IRF7204	International Rectifier		SOIC8-150
86	U105	1	IC Dual Voltage Regulator	TPS70158PWP	Texas Inst	296-2656-5-ND	TSSOP20PWP
87	U106	1	IC, LHON Linear Charger for 1 Cell 4.2V	BQ2057CSN	Benchmark/TI		SOIC8-150
88	U110 U128	2	IC Dual Comparator	TLC393CD	Texas Inst		SOIC8-150
89	U117 U119	2	IC Octal Bus Transceiver	TC74LVX245FT-EL	Toshiba	TC74LVX245FTTR-ND	TSSOP20
90	U118	1	IC CPLD ISR High Performance	CY37032P44-200JC	Cypress		540-99-044
91	U118S	1	Conn PLCC Socket 44 Pos	940-99-044-17-400000	Mill Max	ED80031-ND	PLCC 44
92	U122	1	IC RS-232 Transceiver	MAX3221ECAE	Maxim	MAX3221ECAE-ND	SSOP16
93	U123	1	IC Low Power Quad Op Amp	LP324M	National	LP324M-ND	SOIC14-150
94	U124	1	IC DC-DC Converter	MAX629ESA	Maxim		SOIC8-150
95	U126	1	IC 1 & 2 Cell Boost Converter	TPS61016DGS	Texas Inst		MINI_SOIC10
96	U127	1	IC Ultra Low Power Regulator	TPS76925DBVR	Texas Inst	296-11035-1-ND	SOT23-5
97	U129 U134 U145	3	IC Single Inverter	SN74AHC1G04DBVR	Texas Inst	296-1089-1-ND	SOP5
98	U131 U136 U146 U148	4	IC Octal D Latch	SN74LVC573ADW	Texas Inst		SOIC20W
99	U132	1	IC Quad 2 Input AND Gate	SN74AHC08D	TI		SOIC14-150
100	U135	1	IC Quad 2 Input OR Gate	SN74AHC32D	TI		SOIC14-150
101	U137	1	IC Sensor for Remote Control	IS1U621	Sharp		IS1U621
102	U138 U140	2	IC 16-Bit Buffer/Driver	SN74LVTH16244ADGGR	Texas Inst	296-1260-1-ND	SSOP48-12.5X6.2
103	U139	1	IC 16-Bit Transceiver	SN74LVTH16245ADGGR	Texas Inst	296-1262-1-ND	SSOP48-12.5X6.2
104	U141	1	IC DUAL 4-Input AND Gate	TC74VHC21FN	Toshiba		SOIC14-150
105	U142 U143	2	IC Single 2 Input NOR Gate	SN74AHC1G02DBVR	TI	296-1088-1-ND	SOT23-5
106	U144	1	IC Single 2 Input OR Gate	SN74AHC1G32DBV	Texas Inst	296-1093-1-ND	SOT23-5
107	U149	1	IC, 2.5V 250mA LDO Regulator	TPS77925DGK	TI		SSOP8
108	U150	1	IC, 1.8V 250mA LDO Regulator	TPS77918DGK	TI		SSOP8

109	R250 R285	2	Res DNA	DNA-0603	Panasonic		0603
NOTE 1	If L104 is placed then T100 is not placed, and if T100 is placed then L104 is not placed						
		Assembly, Audio PCB					
1	PWB1	1	PWB Audio	200-0010-01-A			
2	C320 C321 C322 C323	4	Cap Cer 1000pF 10% 50V X7R	ECJ2VB1H102K	Panasonic	PCC102BNCT-ND	C0805
3	C305 C311	2	Cap Cer 3300pF 10% 50V X7R	ECJ1VB1H332K	Panasonic	PCC1778CT-ND	C0603
4	C301 C303 C307 C310 C314 C318 C324 C325 C326 C327 C336 C337 C338	13	Cap Cer 0.1uF 10% 16V X7R	ECJ1VB1C104K	Panasonic	PCC1762CT-ND	C0603
5	C304 C308	2	Cap Elect 0.47uF 50V	ECEV1HSR47SR	Panasonic	PCE3081CT-ND	SMECAP-B
6	C300 C302 C306 C309 C313 C316 C317 C319	8	Cap Elect 1.0uF 50V	ECEV1HA010SR	Panasonic	PCE3084CT-ND	SMECAP-B
7	C312 C315	2	Cap Elect 220uF 4V	ECEV0GA221SP	Panasonic	PCE3055CT-ND	SMECAP-D
8	J300 J303	2	Conn PC Dual Audio	161-4218	Mouser		161-4218
9	J301 J305	2	Conn Stereo Jack 3.5mm Rt Angle	SJ-3515N	CUI Stack		SJ-3515N
10	J302 J309	2	Conn Header 1x3 Pos 0.1in Straight Tin	PTC03SAAN	Sullin	S1012-03-ND	CONN3
11	J304 J306	2	Conn Receptacle 20 Pin 2MM 2X10	79107-0009	Molex		79107-0009
12	J307	1	Conn Header ST Single M Tin 06 Pos	PTC06SAAN	Sullins	S1012-06-ND	CONN6
13	J308	1	Conn Header ST Dual Row M Gold 10 Pin	PZC36DABN	Sullins	S2021-05-ND	CONN10DR100
14	L300 L302	2	Ind EMI Filter	BLM21P300S	Murata		0805
15	L301 L303	2	Ind 47uH 20%	DO3316P-473	Coilcraft		DO3316P
16	Q300 Q301	2	Trans MOSFET N Channel	MGSF1N02ELT1	ON Semiconductor		SOT23-GSD
17	Q302 Q303	2	Trans NPN Epitaxial Type	2SC3326	Toshiba		SOT23
18	Q304	1	Trans NPN 40V 200mA 225mW	MMBT3904	Diodes Inc.	MMBT3904DICT-ND	SOT23
19	R309 R318	2	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND	1206
20	R301 R307	2	Res 150 5% 1/16W 200ppm CF	ERJ3GSYJ151V	Panasonic	P150GTR-ND	0603
21	R316 R317	2	Res 180 5% 1/16W 200ppm CF	ERJ3GSYJ181V	Panasonic	P180GTR-ND	0603
22	R310 R312	2	Res 1.0K 5% 1/16W 200ppm CF	ERJ3GSYJ102V	Panasonic	P1.0KGTR-ND	0603
23	R320	1	Res 2.0K 5% 1/16W 200ppm CF	ERJ3GSYJ202V	Panasonic	P2.0KGTR-ND	0603
24	R313 R315	2	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
25	R300 R302	2	Res 33.2K 1% 1/16W MF	ERJ3KEF3322V	Panasonic	P33.2KHTR-ND	0603
26	R314	1	Res 47.5K 1% 1/16W 100ppm MF	ERJ3KEF4752V	Panasonic	P47.5KHTR-ND	0603
27	R319	1	Res 100K 5% 1/16W 200ppm CF	ERJ3GSYJ104V	Panasonic	P100KGTR-ND	0603
28	U300	1	IC Stereo A/D Converter	CS53L32A-KS	Cirrus Logic		SSOP20
29	U301	1	IC DAC Stereo Low Volt	CS43L43-KS	Cirrus Logic		TSSOP16-5X4.4
30	U302	1	IC Quad 2 Input Schmitt NAND	SN74LS132D	TI		SOIC14-150
31	U303 U304	2	IC Synchronous 4 Bit Counter	SN74LS163AD	TI		SOIC16-150
32	Y300	1	Osc 11.2896MHz CMOS	SG-8002CA-11.2896M-SCC	Epson		SG-8002CA
	R308 R311	2	Res DNA	DNA-0603	Panasonic		0603
Assembly, CPU PCB							
1	PWB1	1	PWB CPU	200-0013-01-A			
2	C200	1	Cap Cer 15pF 5% 50V NPO	ECJ1VC1H150J	Panasonic	PCC150ACVTR-ND	0603
3	C201 C202 C203	3	Cap Cer 47pF 5% 50V NPO	ECJ1VC1H470J	Panasonic	PCC470ACVTR-ND	0603
4	C204 C205 C206 C207 C208 C209 C210 C211 C212 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228	24	Cap Cer 0.1uF 10% 16V X7R	ECJ1VB1C104K	Panasonic	PCC1762CT-ND	0603
5	C213	1	Cap Cer 0.22uF 10% 10V X7R	ECJ1VB1A224K	Panasonic	PCC1749CT-ND	0603
6	J200 J205 J213 J214 J215 J216 J217	7	Conn Receptacle 40 Pin 2MM 2X40	79107-0019	Molex		79107-0019
7	J201	1	Conn Header ST Dual Row M Tin 20 Pin	PTC10DAAN	Sullins	S2012-10-ND	CONN20DR100
8	J207 JP200 JP201 JP202 JP203	5	Conn Header 1x2 Pos 0.1in Straight Tin	PTC02SAAN	Sullins	S1012-02-ND	CONN2
9	J218	1	Conn Header ST Dual Row M Tin 08 Pin	PRPN042MAMP	Sullins	S2208-04-ND	SMD-8PIN-2MM
10	L200 L201 L202	3	Ind EMI Filter	BLM21P300S	Murata		0805
11	R252 R253 R254 R255 R256	5	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND	1206
12	R244	1	Res 220 5% 1/16W 200ppm CF	ERJ3GSYJ221V	Panasonic	P220GTR-ND	0603
13	R257 R258	2	Res 4.7K 5% 1/16W 200ppm CF	ERJ3GSYJ472V	Panasonic	P4.7KGTR-ND	6003
14	R213 R241 R245 R246 R247 R249	6	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
15	R248	1	Res 18K 5% 1/16W 200ppm CF	ERJ3GSYJ183V	Panasonic	P18KGTR-ND	0603

16	R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R214 R215 R216 R217 R218 R219 R220 R221 R222 R223 R225 R226 R227 R228 R229 R230 R231 R232 R233 R234 R235 R236 R237 R238 R239 R242 R243 R259 R260 R261 R262 R265 R266 R268 R269	47	Res 100K 5% 1/16W 200ppm CF	ERJ3GSYJ104V	Panasonic	P100KGTR-ND	0603
17	S201 S202	2	Switch Tact Mom 100gm 5MMx6MM	EVQ-PBC05R	Panasonic	P8014S-ND	SW_TACT5P
18	SW200	1	Switch SPDT 2MM 30V 0.2A	EG1213	E-Switch		EG1213
19	U200	1	IC Micro ARM with SDRAM/Digital Audio	EP7312	Cirrus Logic		QFP208-30X30
20	U201 U203	2	IC SDRAM 64MBIT	uPD4564163G5-A10L-9JF	NEC		TSOP54-10.2X22.3
21	U202 U204	2	IC FLASH 32Mx16Bit	TE28F320C3BA110	Intel		TSOP48-12X18.5
22	U210 U211	2	IC Low Voltage 24-Bit FET Bus Switch	SN74CBTLV16211VR	Texas Inst	296-9100-1-ND	SSOP56-11.4X4.5
23	U212	1	IC Single Inverter	SN74LVC1GU04DBVR	Texas Inst	296-8487-2-ND	SOP5
24	U213 U214	2	IC Flash 128Mb	28F128J3A	Intel		TSOP56-14X20
25	Y200	1	Xtal 32.768 KHz C-001R Type	C-001R 32.768K-A	Epson	SE3201-ND	C-001R
26	Y201	1	3.6864MHz QTZ Xtal(HC-49)	ECS-36-18-4	ECS	X402-ND	HC-49US
	R240	1	Res DNA	DNA-0603	Panasonic		0603
Assembly, Ethernet PCB							
1	PWB1	1	PWB Ethernet	200-0009-01-A			
2	C408	1	Cap Cer 560pF 5% 50V NPO	ECJ1VC1H561J	Panasonic	PCC2148TR-ND	C0603
3	C400 C401 C402 C403 C404 C405 C406 C407 C409 C410 C411	11	Cap Cer 0.1uF 10% 16V X7R	ECJ1VB1C104K	Panasonic	PCC1762CT-ND	C0603
4	C412 C413	2	Cap Elect 22uF 20% 6.3V	EEVFC0J220R	Panasonic	PCE3090CT-ND	SMECAP-B
5	D400 D401	2	Diode LED Hi-Eff Red Diffused T-1	HLMP-1321	Agilent		LED
6	J400	1	Conn Jack RJ45 with LEDs	RJHS-5081	Ampnenol		8618
7	J401 J402 J403	3	Conn Receptacle 20 PIN 2MM 2X10	79107-0009	Molex		79107-0009
8	R405	1	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND	1206
9	R403 R404	2	Res 8.2 1% 1/10W MF	ERJ6RQF8R2V	Panasonic	P8.2DTR-ND	0805
10	R400 R401	2	Res 390 5% 1/16W 200ppm CF	ERJ3GSYJ391V	Panasonic	P390GTR-ND	0603
11	R402	1	Res 100 5% 1/16W 200ppm CF	ERJ3GSYJ101V	Panasonic	P100GTR-ND	0603
12	R408	1	Res 33 5% 1/16W 200ppm CF	ERJ3GSYJ330V	Panasonic	P33GTR-ND	0603
13	R411	1	Res 4.7K 5% 1/16W 200ppm CF	ERJ3GSYJ472V	Panasonic	P4.7KGTR-ND	0603
14	R409	1	Res 4.99K 1% 1/16W MF	ERJ3EKF4991V	Panasonic	P4.99KHTR-ND	0603
15	R407	1	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
16	R406	1	Res 100K 5% 1/16W 200ppm CF	ERJ3GSYJ104V	Panasonic	P100KGTR-ND	0603
17	T400	1	Transformer 10Base-T	ST4242T	Pulse Engineering		ST4242T
18	U400	1	IC Ethernet Controller	CS8900A-CQ3	Cirrus Logic		TQFP100-14X14
19	U401	1	IC Serial EEPROM 64 x 16, programmed	300-0005-01	Pioneer-Standard	300-0005-01	SOIC8-150
20	U402	1	IC Hex Inverter	SN74LVC04AD	Texas Inst		SOIC14-150
21	Y400	1	Xtal Series 20.000MHz	ECS-200-S-5P-TR	ECS	XC580TR-ND	CSM-7
	R410 R413	2	Res DNA	DNA-0603	Panasonic		0603
Assembly, USB PCB							
	PWB1	1	PWB USB	200-0020-01-A			
4	C503	1	Cap Cer 22pF 5% 50V NPO	ECJ1VC1H220J	Panasonic	PCC220ACVTR-ND	C0603
3	C502	1	Cap Cer 47pF 5% 50V NPO	ECJ1VC1H470J	Panasonic	PCC470ACVTR-ND	C0603
1	C500 C504	2	Cap Cer 0.1uF 10% 16V X7R	ECJ1VB1C104K	Panasonic	PCC1762CT-ND	C0603
2	C501	1	Cap Elect 10uF 25V	ECEV1EA100SR	Panasonic	PCE3067CT-ND	SMECAP-C
5	J500	1	Conn Jack USB B Type Rt Angle	ABEBA004K0	All Link Electronics Co.		ABEB
6	J501 J502	2	Conn Receptacle 20 PIN 2MM 2X10	79107-0009	MOLEX		79107-0009
7	L500	1	Ind EMI Filter	BLM21P300S	Murata		0805
12	R508 R514	2	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND	1206
11	R504 R505	2	Res 18.2 1% 1/16W MF	ERJ3EKF18R2V	Panasonic	P18.2HTR-ND	0603
10	R503	1	Res 1.5K 5% 1/16W 200ppm CF	ERJ3GSYJ152V	Panasonic	P1.5KGTR-ND	0603
8	R501	1	Res 4.7K 5% 1/16W 200ppm CF	ERJ3GSYJ472V	Panasonic	P4.7KGTR-ND	0603
13	R509 R510 R512 R513	4	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
9	R502 R506 R507	3	Res 1.0M 5% 1/16W 200ppm CF	ERJ3GSYJ105V	Panasonic	P1.0MGTR-ND	0603
15	U500	1	IC USB Transceiver	PDIUSBD12PW DH	Philips		SSOP28-10.3X5.3
16	U501	1	IC Quad 2 Input OR Gate	TC74LVX32FN	TOSHIBA	TC74LVX32FN-ND	SOIC14-150
17	Y500	1	6.000MHz QTZ Xtal(HC-49)	ECS-60-32-4	ECS	X413-ND	HC-49US
Assembly, Memory PCB							
1	PWB1	1	PWB Memory	200-0011-01-A			

2	C600 C602 C604 C605 C606	5	Cap Cer 0.1uF +80/-20% 16V Y5V	ECJ1VF1C104Z	Panasonic	PCC1788CT-ND	C0603
3	C601 C603	2	Cap Tant 10uF 6.3V	ECST0JY106R	Panasonic	PCS1106CT-ND	C3216
4	J601	1	Conn Header 20 Pin Bottom Contact	FH12-20S-0.5SH	Hirose		FH12-20S-0.5SH
5	J602	1	Conn Header 40 Pin Bottom Contact	FH12-40S-0.5SH	Hirose		FH12-40S-0.5SH
6	J603 J604	2	Conn Receptacle 20 Pin 2MM 2X10	79107-0009	Molex		79107-0009
7	J605	1	Conn Compact Flash Type-2	55244	Molex		55244
8	L600	1	Ind EMI Filter	BLM21P300S	Murata		0805
9	Q600	1	Trans PNP 40V 200mA 225mW	MMBT3906	Diodes Inc.	MMBT3906DICT-ND	SOT23
10	Q601 Q602	2	Trans NPN 40V 200mA 225mW	MMBT3904	Diodes Inc.	MMBT3904DICT-ND	SOT23
11	R603	1	Res 0 1/8W Jumper CF	ERJ8GEY0R00V	Panasonic	P0.0ECT-ND	1206
12	R605 R606 R611 R612	4	Res 10K 5% 1/16W 200ppm CF	ERJ3GSYJ103V	Panasonic	P10KGTR-ND	0603
13	R600 R601 R607 R608 R609 R610 R613 R614	8	Res 100K 5% 1/16W 200ppm CF	ERJ3GSYJ104V	Panasonic	P100KGTR-ND	0603
14	R602 R604	2	Res Network 100K 8 Res10 Pin	EXBA10P104J	Panasonic	U7104TR-ND	RESNET-NRSN06C8
15	U601	1	IC Octal Bus Buffer	TC74LVX244FT-EL	Toshiba	TC74LVX244FTTR-ND	TSSOP20
16	U603	1	IC Quad 2 Input OR Gate	TC74LVX32FN	Toshiba	TC74LVX32FN-ND	SOIC14-150
17	U604	1	IC HEXFET Power MOSFET	IRF7204	International Rectifier		SOIC8-150
Mechanical							
1		1	Plastic Base	606M02	Central Machine		
2		1	PCB Assembly, MAIN	100-0016-01-A			
		1	PCB Assembly, Memory	100-0011-01-B			
5		9	6-32 threader hex aluminum spacer - 1/2"	534-2210	Mouser		
		9	6-32 machine screw, flat head 5/8"	561-F632.5	Mouser		
9		9	6-32 machine screw, round head, 1/4 "	5721-632-1/4	Mouser		
		1	PCB Assembly, 7312 CPU	100-0013-01-A			
		1	PCB Assembly, Audio	100-0010-01-A			
		2	6-32 threaded aluminum spacer 1/4"	534-3485	Mouser		
9		2	6-32 machine screw, round head, 1/4 "	5721-632-1/4	Mouser		
		1	PCB Assembly, Ethernet	100-0009-01-A			
		1	6-32 threaded aluminum spacer 1/4"	534-3485	Mouser		
9		1	6-32 machine screw, round head, 1/4 "	5721-632-1/4	Mouser		
		1	PCB Assembly, USB	100-0020-01-A			
		1	6-32 threaded aluminum spacer 1/4"	534-3485	Mouser		
9		1	6-32 machine screw, round head, 1/4 "	5721-632-1/4	Mouser		
3		1	10.0 GB Western Digital HDD	WD100EB-00BHF	Western Digital		
		4	6-32 machine screw, flat head 5/8"	561-F632.5	Mouser		
4		1	52x CD-ROM	CRD-8521B	LG Electronics		
6		4	4-40 M/F threaded aluminum spacer, 1 1/4"	534-8406	Mouser		
8		4	4-40 Nut				
10		6	Clear Bumper .15" x .375"	517-SJ-5306CL	Mouser		
		1	Cable, Internal IDE 24" dual	ZHC25640	Global Computer Supplies		