LONGTRAIL pass2

BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
			Apple I/O				
			Capacitors				
	ALUM_CAP-150UF,20%				2	$ 0.1000	$ 0.2000
09G9725	CAPACITOR-0.01UF,20%	SMT0603	AVX	06035C103MAT2A	15	$ 0.0040	$ 0.0600
09G9726	CAPACITOR-10PF,5%	SMT0603	AVX	06035A100DAT2A	2	$ 0.0040	$ 0.0080
09G9731	CAPACITOR-2.2NF,20%	SMT0603	AVX	06035C222JAT2A	1	$ 0.0040	$ 0.0040
34G2880	CAPACITOR-22PF,20%	SMT0603	AVX	06035A220MAT2A	32	$ 0.0040	$ 0.1280
70G6098	ELCAP-10UF,20%	SMT1206	KEMET	TAJA106M006R	1	$ 0.1150	$ 0.1150
							$ 0.5150
			Resistors				
49G3548	RESISTOR-0,5%	SMT0603	PANASONIC	ERJ3GSYOR00S	2	$ 0.0030	$ 0.0060
49G3552	RESISTOR-10K,5%	SMT0603	PANASONIC	ERJ3GVYJ103S	8	$ 0.0030	$ 0.0240
35F3567	RESISTOR-2K,5%	SMT0603	PANASONIC	ERJ3GEYJ202V	2	$ 0.0030	$ 0.0060
71F7666	RESISTOR-33,5%	SMT0603	PANASONIC	ERJ3GVYJ330S	2	$ 0.0030	$ 0.0060
8122763	RESISTOR-330,5%	SMT0603	PANASONIC	ERJ3GVYJ331S	1	$ 0.0030	$ 0.0030
71F7674	RESISTOR-4.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ472S	1	$ 0.0030	$ 0.0030
08G4907	RESISTOR-470,5%	SMT0603	PANASONIC	ERJ3GVYJ471S	1	$ 0.0030	$ 0.0030
							$ 0.0510
			Miscellaneous				
-------	0.050 RIGHT ANGLE HRD	CONN_81F7827	AMP	749380	1	$ 2.6500	$ 2.6500
-------	CONN_9POS_STK-MINIDIN	CONN2DIN9STK	AMP	84230-2	1	$ 0.9000	$ 0.9000
26F4865	FBEAD-LO-Z	SMT1206	TDK	HF50ACB-321611T	6	$ 0.0570	$ 0.3420
26F4864	FBEAD-MID-Z	SMT1210	TDK	HF50ACB-322513T	2	$ 0.0580	$ 0.1160
40H8623	GEO PORT TRANSCEIVER	SO20W	TI	SN75LBC776	2	$ 1.6400	$ 3.2800
-------	HYDRA	QFP160_65MM	APPLE	HYDRA	1	$ 10.0000	$ 10.0000
49G2884	OSC4-50MHZ	SMTXTLS4	EPSON	SG615PH-50MHZ	1	$ 1.8068	$ 1.8068
40H8804	OSCILLATOR-31.3344MHZ	OSCDIP4_300	FOX	F3020-31.33440MHZ-100P	1	$ 0.4200	$ 0.4200
49G3135	POLYSWITCH-4.0A	POLYSWITCH_RUE	RAYCEHM	RUE400	1	$ 0.5080	$ 0.5080
	THEVENINTERM-R1-220_R2	SO20W	CMD	IPEC221/331DTS/T	1		
87F4929	RECTIFIER SHOTTKY	D64	SANKEN	SFPB54VL	1	$ 0.1370	$ 0.1370
							$ 20.1598
Apple I/O Subsystem Total							$ 20.7258
OPTIONAL							
	1X4 VERT HRD	CONN1X4	PWR DYN	TCP-004	1	$ 0.0400	$ 0.0400
	ADBCONN, MOUNTED ONTO CHASSIS	CABLE ASSY	HOSIDEN	TC27910-14-201 HMC5120-01-041	1		$ -
	CONN_6POS_STK-ADB(4P)	CONN_APPLEOPT.	AMP	TCP-006	1	$ 0.0600	$ 0.0600

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IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
			PC I/O				
			Capacitors				
	ALUM_CAP-150UF,20%				2	$ 0.1000	$ 0.2000
	ALUM_CAP-82UF,20%				2	$ 0.1000	$ 0.2000
70G3306	CAPACITOR-100PF,5%	SMT1206	AVX	C1206C101K5GAC	4	$ 0.2569	$ 1.0276
09G9725	CAPACITOR-0.01UF,20%	SMT0603	AVX	06035C103MAT2A	10	$ 0.0040	$ 0.0400
57G8876	CAPACITOR-0.1UF,20%	SMT0603	AVX	06033G104ZAT2A	4	$ 0.0040	$ 0.0160
09G9730	CAPACITOR-15PF,5%	SMT0603	AVX	06035A150JAT2A	1	$ 0.0040	$ 0.0040
03G9351	CAPACITOR-1UF_SMT1206	SMT1206	MURATA	GRM426Y5V105Z016ALN	2	$ 0.0391	$ 0.0782
09G9731	CAPACITOR-2.2NF,20%	SMT0603	AVX	06035C222JAT2A	1	$ 0.0040	$ 0.0040
34G2880	CAPACITOR-22PF,20%	SMT0603	AVX	06035A220MAT2A	35	$ 0.0040	$ 0.1400
03G9354	CAPACITOR-27PF,20%	SMT0603	AVX	06035A270KAT2A	1	$ 0.0040	$ 0.0040
10H6123	CAPACITOR-33PF,5%	SMT0603	AVX	06035A330JAT2A	2	$ 0.0040	$ 0.0080
15H8548	CAPACITOR-680PF,5%	SMT0603	AVX	06031C681KAT1A	1	$ 0.0040	$ 0.0040
70G6098	ELCAP-10UF,20%	SMT1206	KEMET	TAJA106M006R	1	$ 0.1150	$ 0.1150
							$ 1.8408
			Resistors				
49G3548	RESISTOR-0,5%	SMT0603	PANASONIC	ERJ3GSYOR00S	8	$ 0.0030	$ 0.0240
35G3557	RESISTOR-100K,5%	SMT0603	PANASONIC	ERJ3GEYJ104V	3	$ 0.0030	$ 0.0090
49G3552	RESISTOR-10K,5%	SMT0603	PANASONIC	ERJ3GVYJ103S	16	$ 0.0030	$ 0.0480
71F7669	RESISTOR-150,5%	SMT0603	PANASONIC	ERJ3GVYJ151S	3	$ 0.0030	$ 0.0090
71F7670	RESISTOR-1K,5%	SMT0603	PANASONIC	ERJ3GSYJ102V	7	$ 0.0030	$ 0.0210
09G9411	RESISTOR-20M,5%	SMT0603	PANASONIC	ERJ3VKF2002S	1	$ 0.0030	$ 0.0030
65F2967	RESISTOR-22,5%	SMT0603	PANASONIC	ERJ3GEYJ220V	16	$ 0.0030	$ 0.0480
08G4920	RESISTOR-2.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ272S	2	$ 0.0030	$ 0.0060
08G4940	RESISTOR-27K,5%	SMT0603	PANASONIC	ERJ3GVYJ273S	5	$ 0.0030	$ 0.0150
35F3567	RESISTOR-2K,5%	SMT0603	PANASONIC	ERJ3GEYJ202V	1	$ 0.0030	$ 0.0030
71F7666	RESISTOR-33,5%	SMT0603	PANASONIC	ERJ3GVYJ330S	5	$ 0.0030	$ 0.0150
8122763	RESISTOR-330,5%	SMT0603	PANASONIC	ERJ3GVYJ331S	1	$ 0.0030	$ 0.0030
71F7674	RESISTOR-4.7,5%	SMT0603	PANASONIC	ERJ3GSYJ472V	4	$ 0.0030	$ 0.0120
08G4907	RESISTOR-470,5%	SMT0603	PANASONIC	ERJ3GVYJ471S	1	$ 0.0030	$ 0.0030
71F7674	RESISTOR-4.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ472S	11	$ 0.0030	$ 0.0330
08G4888	RESISTOR-51K,5%	SMT0603	PANASONIC	ERJ3GVYJ510S	1	$ 0.0030	$ 0.0030
08G4926	RESISTOR-5.6K,5%	SMT0603	PANASONIC	ERJ3GVYJ562S	2	$ 0.0030	$ 0.0060
08G4891	RESISTOR-82,5%	SMT0603	PANASONIC	ERJ3GVYJ820S	4	$ 0.0030	$ 0.0120
	RS4-1K	RPAC4_MNR14			1	$ 0.0400	$ 0.0400
	RS4-22	RPAC4_MNR14			8	$ 0.0400	$ 0.3200
	RS4-33	RPAC4_MNR14			4	$ 0.0400	$ 0.1600
	RS4-4.7K	RPAC4_MNR14			4	$ 0.0400	$ 0.1600
							$ 0.2730
			Miscellaneous				
6181127	1X2 VERT HRD	CONN_6181127	AMP	104351-1 (MOLEX-90368-3)	3	$ 0.0160	$ 0.0480
1501831	1X3 VERT HRD	CONN_1501831	AMP	103240 (BERG-79282-516)	1	$ 0.0240	$ 0.0240
	1X6 VERT HRD	BERG1X6	MOLEX	90120-0126	1	$ 0.0600	$ 0.0600
	1X4 VERT HRD	CONN_6359315	MOLEX	90120-0124	1	$ 0.0400	$ 0.0400
06H4491	34-POS VERT HRD	CONN_06H4491	BERG	90333-034	1	$ 0.2850	$ 0.2850
64F4537	40-POS VERT HRD	CONN_64F4537	DUPONT	88873-040 (MOLEX-8725)	2	$ 0.3300	$ 0.6600
89G4134	6-POS STK MINIDIN	CONN_89G4134	AMP	84232-2	1	$ 0.8500	$ 0.8500
64F4533	9-POS STK D-SHELL	CONN_64F4533	AMP	750593-4	1	$ 1.9200	$ 1.9200
15F8409	BATTERY_3V	PART	SONY	CR2032 RAYOVAC	1	$ 0.2500	$ 0.2500
61X9238	D-FLIP FLOP (EDGE TRIG)	SO14	TI	74AS64	1	$ 0.1130	$ 0.1130

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IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
55X7966	DECODER/DEMUX	SO16	NATIONAL	74F138	1	$ 0.1550	$ 0.1550
08G4756	DIODE	SOT23	MOTOROLA	MMBD914LT1	1	$ 0.0420	$ 0.0420
57G8772	DIODE (COM CATHODE)	SOT23	PHILIPS	BAT54C	2	$ 0.0450	$ 0.0900
98F1475	FBEAD-HI-Z	SMT1812	TDK	HF70ACB-453215T	1	$ 0.0590	$ 0.0590
26F4864	FBEAD-MID-Z	SMT1210	TDK	HF50ACB-322513T	7	$ 0.0580	$ 0.4060
45G2748	HEX INVERTER	SO14	TI	74HCT04	1	$ 0.1040	$ 0.1040
31F2214	HEX INVERTER (OC)	SO14	NATIONAL	74HCT05MX	2	$ 0.1260	$ 0.2520
05H1591	HEX SCHMITT TRIGGER INV	SSOP14	PHILIPS	74HCT14DB-T	2	$ 0.1900	$ 0.3800
49G3321	QUAD 2-INPUT AND	SO14	TI	74HCT08	1	$ 0.1280	$ 0.1280
37F9040	QUAD 2-INPUT OR	SO14	TI	74HCT32	1	$ 0.1180	$ 0.1180
87F4929	RECTIFIER	D64	SANKEN	SFPB54VL	2	$ 0.1370	$ 0.2740
82G2416	RS232 DVR/RCVR	SO20W	TI	SN75C185	2	$ 0.8200	$ 1.6400
42F2527	SER DIODE	SOT23	MOTOROLA	MMBD7000LT1	1	$ 0.0490	$ 0.0490
-------	SIO	QFP208_5MM	VLSI	TOLLGATE	1	$ 10.0000	$ 10.0000
-------	SUPER I/O	QFP160_65MM	NATIONAL	PC87308VUL-IBN	1	$ 13.9000	$ 13.9000
03G9527	XTAL-32.768KHZ	XTALSMT1	EPSON	32.768KHZ (MC405)	1	$ 0.6590	$ 0.6590
82G6601	ZENER-2.7V	SOT23	MOTOROLA	MMBZ5223BL	1	$ 0.1430	$ 0.1430
							$ 32.6490
PC I/O Subsystem Total							$ 34.7628
OPTIONAL							
	6 POS MINIDIN CABLE ASSY	1X6 BERG					
	IEEE 1284 CABLE ASSY	40-P VERT HRD	MOLEX	79909-XXXX		$ 3.8000	$ 3.8000

LONGTRAIL pass2

BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
			Bus I/O				
			Capacitors				
	ALUM_CAP-82UF,20%				6	$ 0.1000	$ 0.6000
	ALUM_CAP-150UF,20%				7	$ 0.1000	$ 0.7000
09G9725	CAPACITOR-0.01UF,20%	SMT0603	AVX	06035C103MAT2A	25	$ 0.0040	$ 0.1000
							$ 1.4000
			Resistors				
49G3552	RESISTOR-10K,5%	SMT0603	PANASONIC	ERJ3GVYJ103S	5	$ 0.0030	$ 0.0150
71F7670	RESISTOR-1K,5%	SMT0603	PANASONIC	ERJ3GSYJ102V	2	$ 0.0030	$ 0.0060
08G4920	RESISTOR-2.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ272S	1	$ 0.0030	$ 0.0030
08G4902	RESISTOR-300,5%	SMT0603	PANASONIC	ERJ3GVYJ301S	3	$ 0.0030	$ 0.0090
8122763	RESISTOR-330,5%	SMT0603	PANASONIC	ERJ3GVYJ331S	5	$ 0.0030	$ 0.0150
71F7674	RESISTOR-4.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ472S	20	$ 0.0030	$ 0.0600
	RS4-2.7K	RPAC4_MNR14			3	$ 0.0400	$ 0.1200
	RS4-4.7K	RPAC4_MNR14			4	$ 0.0400	$ 0.1600
							$ 0.1080
			Miscellaneous				
72G0316	2X60 PCI HRD	PCI2X605V	AMP	646255-1	4	$ 0.5300	$ 2.1200
6137473	2X52 VERT CARD EDGE	ISA2X49	AMP	645169-4	2	$ 0.2400	$ 0.4800
							$ 2.6000
Bus I/O Subsystem Total							$ 4.1080

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BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
			Audio				
			Capacitors				
70G3212	CAPACITOR-.33UF,20%	SMT1206	AVX	1206YC334KAT1A	9	$ 0.0090	$ 0.0810
09G9725	CAPACITOR-0.01UF,20%	SMT0603	AVX	06035C103MAT2A	8	$ 0.0040	$ 0.0320
57G8876	CAPACITOR-0.1UF,20%	SMT0603	AVX	06033G104ZAT2A	15	$ 0.0040	$ 0.0600
03G9604	CAPACITOR-1000PF,10%	SMT0603	AVX	06035C102KAT2A	23	$ 0.0040	$ 0.0920
03G9351	CAPACITOR-1UF_SMT1206	SMT1206	MURATA	GRM426Y5V105Z016ALN	18	$ 0.0391	$ 0.7038
34G2880	CAPACITOR-22PF,20%	SMT0603	AVX	06035A220MAT2A	1	$ 0.0040	$ 0.0040
03G9609	CAPACITOR-220PF,10%	SMT0603	AVX	06035A221KAT2A	1	$ 0.0040	$ 0.0040
42G3221	CAPACITOR-330PF,5%	SMT0603	AVX	06035C331JAT2A	2	$ 0.0040	$ 0.0080
10H6123	CAPACITOR-33PF,5%	SMT0603	AVX	06035A330JAT2A	2	$ 0.0040	$ 0.0080
09G9733	CAPACITOR-47PF,5%	SMT0603	AVX	06035A470JAT2A	8	$ 0.0040	$ 0.0320
38H0237	CAPACITOR-5.6NF,10%	SMT0603	AVX	06035C562KAT2A	4	$ 0.0040	$ 0.0160
15H8548	CAPACITOR-680PF,5%	SMT0603	AVX	06031C681KAT1A	4	$ 0.0040	$ 0.0160
09G9734	CAPACITOR-68PF,5%	SMT0603	AVX	06035A680JAT2A	2	$ 0.0040	$ 0.0080
09G9807	CAPACITOR-75PF,5%	SMT0603	AVX	06035A750JAT2A	2	$ 0.0040	$ 0.0080
70G6098	ELCAP-10UF,20%	SMT1206	AVX	TAJA106M006R	7	$ 0.1150	$ 0.8050
29H1857	ELCAP-220UF_PTH	PTHRADAL	NICHICON	UVR1C221MEA1TA	5	$ 0.0377	$ 0.1884
57G9281	ELCAP-33UF,20%	SMT2816	KEMET	T491D336M016AS	1	$ 0.1664	$ 0.1664
57G8488	ELCAP-47UF,20% (10G0047)	SMT2816	KEMET	T496X476M016AS	1	$ 0.2569	$ 0.2569
							$ 2.4895
			Resistors				
49G3548	RESISTOR-0,5%	SMT0603	PANASONIC	ERJ3GSYOR00S	1	$ 0.0030	$ 0.0030
58F1830	RESISTOR-1.47K,1%	SMT0603	PANASONIC	ERJ6ENF1471V	1	$ 0.0030	$ 0.0030
89G4002	RESISTOR-1_SMT2010	SMT2010	ROHM	MCR50JZHJ1R0	1	$ 0.0397	$ 0.0397
71F7664	RESISTOR-10,5%	SMT0603	PANASONIC	ERJ3GVYJ100S	3	$ 0.0030	$ 0.0090
08G4893	RESISTOR-100,5%	SMT0603	PANASONIC	ERJ3GVYJ101S	10	$ 0.0030	$ 0.0300
49G3552	RESISTOR-10K,5%	SMT0603	PANASONIC	ERJ3GVYJ103S	9	$ 0.0030	$ 0.0270
08G5000	RESISTOR-12,5%	SMT0603	PANASONIC	ERJ3GVYJ120S	2	$ 0.0030	$ 0.0060
08G4935	RESISTOR-15K,5%	SMT0603	PANASONIC	ERJ3GVYJ153S	2	$ 0.0030	$ 0.0060
71F7670	RESISTOR-1K,5%	SMT0603	PANASONIC	ERJ3GSYJ102V	3	$ 0.0030	$ 0.0090
71F7673	RESISTOR-2.2K,5%	SMT0603	PANASONIC	ERJ3GSYJ222V	6	$ 0.0030	$ 0.0180
08G4813	RESISTOR-220,5%	SMT0603	PANASONIC	ERJ3GVYJ221S	1	$ 0.0030	$ 0.0030
08G4938	RESISTOR-22K,5%	SMT0603	PANASONIC	ERJ3GSYJ223V	11	$ 0.0030	$ 0.0330
09G9514	RESISTOR-237,1%	SMT0603	PANASONIC	ERJ3EKF2370V	1	$ 0.0030	$ 0.0030
08G4939	RESISTOR-24K,5%	SMT0603	PANASONIC	ERJ3GSYJ243V	1	$ 0.0030	$ 0.0030
35F3567	RESISTOR-2K,5%	SMT0603	PANASONIC	ERJ3GEYJ202V	3	$ 0.0030	$ 0.0090
08G4921	RESISTOR-3.0K,5%	SMT0603	PANASONIC	ERJ3GVYJ302S	2	$ 0.0030	$ 0.0060
08G4922	RESISTOR-3.3K,5%	SMT0603	PANASONIC	ERJ3GVYJ332S	2	$ 0.0030	$ 0.0060
08G4924	RESISTOR-3.9K,5%	SMT0603	PANASONIC	ERJ3GVYJ392S	1	$ 0.0030	$ 0.0030
71F7666	RESISTOR-33,5%	SMT0603	PANASONIC	ERJ3GVYJ330S	3	$ 0.0030	$ 0.0090
08G4943	RESISTOR-39K,5%	SMT0603	PANASONIC	ERJ3GVYJ393S	6	$ 0.0030	$ 0.0180
71F7674	RESISTOR-4.7K,5%	SMT0603	PANASONIC	ERJ3GVYJ472S	5	$ 0.0030	$ 0.0150
08G4926	RESISTOR-5.6K,5%	SMT0603	PANASONIC	ERJ3GVYJ562S	3	$ 0.0030	$ 0.0090
08G4909	RESISTOR-560,5%	SMT0603	PANASONIC	ERJ3GVYJ561S	1	$ 0.0030	$ 0.0030
08G4928	RESISTOR-6.8K,5%	SMT0603	PANASONIC	ERJ3GSYJ682V	6	$ 0.0030	$ 0.0180
08G4948	RESISTOR-62K,5%	SMT0603	PANASONIC	ERJ3GVYJ623S	2	$ 0.0030	$ 0.0060
08G4930	RESISTOR-8.2K,5%	SMT0603	PANASONIC	ERJ3GVYJ822S	1	$ 0.0030	$ 0.0030
09G9376	RESISTOR-8.66K,1%	SMT0603	PANASONIC	ERJ3VKF8661S	1	$ 0.0030	$ 0.0030
							$ 0.3007
			Miscellaneous				

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BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
6359315	1X4 VERT HRD	CONN_6359315	BERG	65408-304 (AMP103493-1)	2	$ 0.0320	$ 0.0640
-------	2X13 VERT HRD	BERG2X13	AMP	1-146145-3 (MOLEX 90131-0133)	1	$ 0.1456	$ 0.1456
70G6352	AUDIO POWER OP AMP	DIP8_300	PHILIPS	TDA7052AN	1	$ 0.7300	$ 0.7300
-------	AUDIOSTK	CONN AUDIOJK	HOSIDEN	HSJ1001-01-1020	2	$ 0.6900	$ 1.3800
6819495	CDROM_CONN	CONN	MOLEX	22041041	1	$ 0.0500	$ 0.0500
-------	CLOCK	SO8	MICRO	MK1420S	1	$ 1.0000	$ 1.0000
91F9864	CONN 16 POS HEADER	CONN VERT HRD	BERG	88873-016 (MOLEX 87256-1611)	1	$ 0.2460	$ 0.2460
-------	CONN1X20	BERG1X20	AMP	2-102972-0	1	$ 0.1120	$ 0.1120
08G4756	DIODE	SOT23	MOTOROLA	MMBD914LT1	1	$ 0.0420	$ 0.0420
40H8700	EEPROM	SO8	ATMEL	AT24C16N-10SC	1	$ 0.8200	$ 0.8200
78G9534	FBEAD-1000	SMT0805	TDK	MMZ2012Y102BT	12	$ 0.1000	$ 1.2000
80G5326	FBEAD-600	SMT0805	TDK	MMZ2012Y601B	8	$ 0.1030	$ 0.8240
26F4864	FBEAD-MID-Z	SMT1210	TDK	HF50ACB-322513T	1	$ 0.0580	$ 0.0580
98F1773	HIGH SPEED BUFFER-OC	SO14	PHILIPS	74F07	1	$ 0.3100	$ 0.3100
40H8833	INDUCTOR	IND_TDK	TDK	ACM4532-102-3P-T	4	$ 0.5300	$ 2.1200
88G4874	INDUCTOR	SMT0805	TDK	ACB2012M-040-T	1	$ 0.1030	$ 0.1030
11H6956	JOYSTICK CABLE ASSY W/ DUAL CONN		AMP	746288-3 747052-3	1	$ 2.5000	$ 2.5000
05H1613	MULTIMEDIA AUDIO	100QFP_S	CRYSTAL	CS4236	1	$ 12.0000	$ 12.0000
05H1618	OP AMP	SO8	PHILIPS	TDA1308TD-T	1	$ 0.4100	$ 0.4100
57G8584	OP AMP	SO14	TI	TL084ACD	2	$ 0.8900	$ 1.7800
05H1525	REGULAR 5V FIXED	TO220X	TI	UA7805CKC (STM-L7805CV)	1	$ 0.2200	$ 0.2200
62G9960	REGULATOR ADJ	TO220X	NATIONAL	LM317T	1	$ 0.2900	$ 0.2900
42F2527	SER DIODE	SOT23	MOTOROLA	MMBD7000LT1	13	$ 0.0490	$ 0.6370
							$ 27.0416
Audio Subsystem Total							$ 29.8318

LONGTRAIL pass2

BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
			CORE				
			Capacitors				
	ALUM_CAP-22UF,20%				2	$ 0.1000	$ 0.2000
	ALUM_CAP-82UF,20%				2	$ 0.1000	$ 0.2000
	ALUM_CAP-150UF,20%				12	$ 0.1000	$ 1.2000
09G9725	CAPACITOR-0.01UF,20%	SMT0603	AVX	06035C103MAT2A	64	$ 0.0040	$ 0.2560
57G8876	CAPACITOR-0.1UF,20%	SMT0603	AVX	06033G104ZAT2A	27	$ 0.0040	$ 0.1080
09G9726	CAPACITOR-10PF,5%	SMT0603	AVX	06035A100DAT2A	2	$ 0.0040	$ 0.0080
98F1293	CAPACITOR-12PF,20%	SMT0603	AVX	06035A120KAT2A	1	$ 0.0040	$ 0.0040
09G9730	CAPACITOR-15PF,5%	SMT0603	AVX	06035A150JAT2A	1	$ 0.0040	$ 0.0040
03G9351	CAPACITOR-1UF_SMT1206	SMT1206	MURATA	GRM426Y5V105Z016ALN	3	$ 0.0391	$ 0.1173
09G9731	CAPACITOR-2.2NF,20%	SMT0603	AVX	06035C222JAT2A	3	$ 0.0040	$ 0.0120
42G3221	CAPACITOR-330PF,5%	SMT0603	AVX	06035C331JAT2A	2	$ 0.0040	$ 0.0080
	CER_CAP-10UF,20%				7	$ 0.2100	$ 1.4700
70G6098	ELCAP-10UF,20%	SMT1206	KEMET	TAJA106M006R	2	$ 0.1150	$ 0.2300
							$ 3.8173
			Resistors				
49G3548	RESISTOR-0,5%	SMT0603	PANASONIC	ERJ3GSYOR00S	7	$ 0.0030	$ 0.0210
89G4002	RESISTOR-1_SMT2010	SMT2010	ROHM	MCR50JZHJ1R0	1	$ 0.0030	$ 0.0030
08G4976	RESISTOR-1.0M,5%	SMT0603	PANASONIC	ERJ3GVYJ105S	1	$ 0.0030	$ 0.0030
58F1831	RESISTOR-10,5%	SMT0805	PANASONIC	ERJ6GEYJ100V	3	$ 0.0030	$ 0.0090
35G3557	RESISTOR-100K,5%	SMT0603	PANASONIC	ERJ3GEYJ104V	2	$ 0.0030	$ 0.0060
49G3552	RESISTOR-10K,5%	SMT0603	PANASONIC	ERJ3GVYJ103S	19	$ 0.0030	$ 0.0570
50G1330	RESISTOR-10M,5%	SMT0603	PANASONIC	ERJ3GSYJ106V	1	$ 0.0030	$ 0.0030
08G4895	RESISTOR-120,5%	SMT0603	PANASONIC	ERJ3GVYJ121V	1	$ 0.0030	$ 0.0030
71F7670	RESISTOR-1K,5%	SMT0603	PANASONIC	ERJ3GSYJ102V	3	$ 0.0030	$ 0.0090
71F7673	RESISTOR-2.2K,5%	SMT0603	PANASONIC	ERJ3GSYJ222V	2	$ 0.0030	$ 0.0060
08G4959	RESISTOR-200K,5%	SMT0603	PANASONIC	ERJ3GVYJ204S	1	$ 0.0030	$ 0.0030
08G5005	RESISTOR-20K,5%	SMT0603	PANASONIC	ERJ3GVYJ200S	2	$ 0.0030	$ 0.0060
35F3567	RESISTOR-2K,5%	SMT0603	PANASONIC	ERJ3GEYJ202V	1	$ 0.0030	$ 0.0030
65F2967	RESISTOR-22,5%	SMT0603	PANASONIC	ERJ3GEYJ220V	4	$ 0.0030	$ 0.0120
71F7666	RESISTOR-33,5%	SMT0603	PANASONIC	ERJ3GVYJ330S	17	$ 0.0030	$ 0.0510
8122763	RESISTOR-330,5%	SMT0603	PANASONIC	ERJ3GVYJ331S	2	$ 0.0030	$ 0.0060
08G4907	RESISTOR-470,5%	SMT0603	PANASONIC	ERJ3GVYJ471S	1	$ 0.0030	$ 0.0030
08G4928	RESISTOR-6.8K,5%	SMT0603	PANASONIC	ERJ3GSYJ682V	1	$ 0.0030	$ 0.0030
08G4890	RESISTOR-68,5%	SMT0603	PANASONIC	ERJ3GVYJ680S	2	$ 0.0030	$ 0.0060
	RS4-22				17	$ 0.0400	$ 0.6800
	RS4-33				9	$ 0.0400	$ 0.3600
							$ 1.2530
			Miscellaneous				
-------	16 LINE TRI-STATE BUFFER	TSSOP48	NATIONAL	74LCX16244MTD	1	$ 1.4000	$ 1.4000
6181127	1X2 VERT HRD	CONN_6181127	AMP	104351-1 (MOLEX-90368-3)	5	$ 0.0160	$ 0.0800
1501831	1X3 VERT HRD	CONN_1501831	AMP	103240 (BERG79282-516)	2	$ 0.0580	$ 0.1160
-------	1X5 VERT HRD	BERG1X5	AMP	104345-3	1	$ 0.0490	$ 0.0490
42F6867	2X8 VERT HRD	CONN_42F6867	AMP	79282-516	1	$ 0.2300	$ 0.2300
	3X4 VERT HRD	CONN_BERG3X4	BERG	68702-504	1	$ 0.2300	$ 0.2300
	3X9 VERT HRD	BERG3X9	AMP	103817-7	1	$ 0.2900	$ 0.2900
	3-PIN RESET CKT	SOT23	MAXIM	MAX809MEUR	1	$ 0.3900	$ 0.3900
	32-PIN SQUARE SOCKET	SO14	NATIONAL	74LCX32M	1	$ 0.2400	$ 0.2400
-------	3V BG NVRAM	SO28XW	SHARP	LH5168VN-200	1	$ 2.6000	$ 2.6000
	60XPGA-17X17SKT	PGA288SKT	AMP	96-1847-017-001	1	$ 2.9000	$ 2.9000

LONGTRAIL pass2

BOM

IBM P/N	NAME	JEDEC	MFG	MFG P/N	QTY	UNIT $	EXT$
CUSTOMD	BOOTROM	PART	AMD	AM29F040-120JC	1	$ 11.0590	$ 11.0590
-------	CLOCK GENERATOR	SSOP48	IC Works	W49C65-01H	1	$ 2.5000	$ 2.5000
81G4335	CONN168-PIN-DIMM	CONN_81G4335	AMP	382824-6 (MOLEX71251-001)	3	$ 1.5000	$ 4.5000
-------	CONNATXPWR20	CONN_ATXPWR20	MOLEX	39-29-9202	1	$ 0.5000	$ 0.5000
-------	CONNBATTERY3	BTTRY3_HU2032	RENATA	HU2032-1	1	$ 0.4400	$ 0.4400
CUSTOMD	CPUFREQ_PAL	PART	AMD	PALCE16V8-25JC (GENERIC)	1	$ 1.5000	$ 1.5000
	CPUKEY-2X10HRD	BERG2X10	MOLEX	90131-0130	1	$ 0.2900	$ 0.2900
-------	FBEAD-70 (98F1475 BG)	SMT0805	MURATA	BLM31A02PT	2	$ 0.0777	$ 0.1554
26F4864	FBEAD-MID-Z	SMT1210	TDK	HF50ACB-322513T	3	$ 0.0580	$ 0.1740
42G3538	FET	SOT23	MOTOROLA	2N7002	1	$ 0.0780	$ 0.0780
42G3090	LED_A-GREEN	LED_100	HP	HLMP1790	1	$ 0.5000	$ 0.5000
	L2COAST160	CONN_DIMMSRAM160	BURNDY	CELP2X80SC-30Z48-MOL	1	$ 0.8000	$ 0.8000
	MAX809	SOT23	MAXIM	MAX809MEUR-T	1	$ 0.3900	$ 0.3900
-------	OCTAL TRI-STATE BUFFER	TSSOP20	NATIONAL	74LCX244MTC	1	$ 0.5200	$ 0.5200
-------	PC-PCI BRIDGE CTRL-ADDR	QFP240_5MM	VLSI	GOLDENGATEII-A	1	$ 10.0000	$ 10.0000
-------	PC-PCI BRIDGE CTRL-DATA	QFP208_5MM	VLSI	GOLDENGATEII-D	1	$ 10.0000	$ 10.0000
	PLCC32ROMSKT-BOOTROM	PLCC32SKT	AMP	821977-1	1	$ 0.2700	$ 0.2700
-------	QUAD 2-INPUT AND GATE	TSSOP14	NATIONAL	74LCX08MTC	1	$ 0.2800	$ 0.2800
68X2888	QUAD TRI-STATE BUFFER	SO14	NATIONAL	74F125	1	$ 0.1630	$ 0.1630
87F4929	RECTIFIER SCHOTTKY	D64	SANKEN	SFPB54VL	2	$ 0.1370	$ 0.2740
	ROMSIMM160	CONN_ELF2X80	BURNDY	ELF160ASC_3Z50	1	$ 0.7200	$ 0.7200
70G3077	XTAL-14.3181MHZ	CLP_XTAL	FOX	14.31818MHZ-12PF-HC49S	1	$ 0.5000	$ 0.5000
							$ 54.1384
Core Subsystem Total							$ 59.2087
	RAW CARD	2S2P			1	$ 19.0000	$ 19.0000
Part Count					**920**		
Preproduction Subtotal							$ 167.64