

**\* Single-Level Explosion By Parent Part Identifier \***

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

AA0245-2010

**ADV7842-7511P BOARD**

ASSM 1.3 A

DNP  
C83,C104,C116

R5-8,R12,R16,R19,R36,R42,R54,R58,R63-64,R69-70,R72,R74,R77,R79-80,  
R86,R90,R92,R96-97,R104-105,R120-123,R126,R128-R129,R131,  
R133-144,R146,R150-153,R155-158,R160-161,R163,R165,R170,R172,R174,  
R177-181

AA Level BOM notes  
J2: All odd-even pin pairs get a jumper  
18 total

J3: All odd-even pin pairs get a jumper  
18 total

J4: Jumpers are only applied to (5 total):  
1-2  
9-10  
13-14  
17-18  
25-26

J5: Jumpers are only applied to (7 total):  
1-2  
5-6  
7-8  
9-10  
15-16  
19-20  
33-34

Cut pin 3 of J14.  
Place one of the 5000035 rubber feet in each of the corners on the bottom  
of the board.

place a part number sticker "AA0245-2010" on the back of the board to help  
identify it.

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1	1000484	25MHZ OSC013	5/6/2010	1.000000	U	EA	0	N	0	OSC	1.0	B	
		CRYSTAL FUNDAMENTAL 18PF											

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LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U36											
		DIGI-KEY	535-9140-1-ND										
		DIGI-KEY	535-9140-2-ND										
		ABRACON	ABM8-25.000MHZ-B2-T										
	1000485	-----											
1		24MHZ OSC013	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
		CRYSTAL FUNDAMENTAL 18PF								OSC			
		U40											
		DIGI-KEY	535-9138-1-ND										
		DIGI-KEY	535-9138-2-ND										
		ABRACON	ABM8-24.000MHZ-B2-T										
	1000522	-----											
1		MT48H16M16 VFBGA54_80x90	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
		256MB SDRAM 1.8V								ICS			
		U32											
		MICRON	MT48H16M16LFBF-6:H										
		MICRON	MT48H32M16LFB4-75 IT:C										
	1000595	-----											
1		24LCS22A ZZZ	5/6/2010	2.000000	U	EA	0	N	0		1.0	B	
		2K SERIAL EEPROM								ICS			
		U5,U11											
		MICROCHIP	24LCS22A-I/SN										
		DIGI KEY	24LCS22A-I/SN-ND										
	1000596	-----											
1		NC7SZ125M5X ZZZ	5/6/2010	3.000000	U	EA	0	N	0		1.0	B	
		SINGLE 3 STATE BUFFER								ICS			
		U12-13,U31											
		FAIRCHILD	NC7SZ125M5X										
		DIGI KEY	NC7SZ125M5XTR-ND										
	1000597	-----											
1		K4H561638J TSOP66_22P2X11P76X0P32MM	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
		4MX16X4 DDR SDRAM								ICS			
		U22											
		SAMSUNG	K4H561638J-LCB3										
		SAMSUNG	K4H561638N-LCB3000										
	1000598	-----											
1		25LC040A ZZZ	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
		4K SERIAL EEPROM								ICS			

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U23											
		MICROCHIP	25LC040A-I/SN										
		DIGI KEY	25LC040A-I/SN-ND										
1	1000599	28.6363MHZ OSCJ850P1140X470-4	5/6/2010	1.000000	U	EA	0	N	0	OSC	1.0	B	
		CRYSTAL FUNDAMENTAL 18PF											
		Y1											
		DIGI KEY	300-8572-1-ND										
		DIGIKEY	300-8572-2-ND										
		CITIZEN	HCM49 28.63636MABJ-UT										
1	1000600	12MHZ OSC015	5/6/2010	1.000000	U	EA	0	N	0	OSC	1.0	B	
		OSCILLATOR 1.8V											
		Y2											
		DIGI KEY	535-9413-2-ND										
		ABRACON CORP	ASFL3-12.000MHZ-EK-T										
1	1000619	AA0245 M25P80 U38	10/18/2010	1.000000	U	EA	0	N	0	2010057 PRG	1.5	A	
		1000544											
		U38											
1	30-025204-01	AD8061ARTZ SOT23-5	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		300MHZ AMP											
		U19											
		ANALOG DEVICES	AD8061ARTZ-R2										
		ANALOG DEVICES	AD8061ARTZ-REEL										
		ANALOG DEVICES	AD8061ARTZ-REEL7										
1	30-025524-02	ADSP-BF524BBCZ-3A BGA208	5/6/2010	1.000000	U	EA	0	N	0	DSP	0.2	B	
		300MHZ 17MM											
		U35											
		ANALOG DEVICES	ADSP-BF524BBCZ-3A										
1	30-025764-01	ADP1715 MSOP8	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADJ 500MA REGULATOR											

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U48											
		ANALOG	ADP1715ARMZ-R7										
		ANALOG DEVICES	ADP1715ARMZ-R7										
		DIGI-KEY	ADP1715ARMZ-R7CT-ND										
	30-025775-01												
1		ADM13305-4 SOIC8	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		VOLTAGE SUPERVISOR 3.3V ADJ											
		U33											
		ANALOG DEVICES	ADM13305-4ARZ										
		ANALOG DEVICES	ADM13305-4ARZRL7										
	30-025783-01												
1		ADM1385ARSZ SSOP20	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		RS232 W/SHUTDOWN											
		U44											
		ANALOG DEVICES	ADM1385ARSZ										
		ANALOG DEVICES	ADM1385ARSZ-REEL										
		ANALOG DEVICES	ADM1385ARSZ-REEL7										
	30-025786-01												
1		ADP1715 MSOP8	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		1.8V regulator											
		U16											
		ANALOG DEVICES	ADP1715ARMZ-1.8-R7										
	30-025855-01												
1		ADP1715 MSOP8	5/6/2010	1.000000	U	EA	0	N	0	ICS	1.0	B	
		2.5V REGULATOR											
		U21											
		ANALOG DEVICES	ADP1715ARMZ-2.5-R7										
	30-025865-01												
1		ADP123AUJZ TSOT5	5/6/2010	8.000000	U	EA	0	N	0	ICS	1.0	B	
		0.8V-5V 300MA REGULATOR											
		U15,U17-18,U24,U27,U45-47											
		ANALOG DEVICES	ADP123AUJZ-R7										
	30-025888-01												
1		ADV7511KSTZ LQFP100	10/18/2010	1.000000	U	EA	0	N	0	2010057 ICS	1.0	B	
		HDMI TX W/KEYS											
		U25											
		ANALOG DEVICES	ADV7511KSTZ										

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	30-025940-01	ADV7842KBCZ-5P BGA256C100P16X16_170 HDMI RX W/O KEYS U14 ANALOG DEVICES	ADV7842KBCZ-5P	1.000000	U	EA	0	N	0	ICS	1.0	B	
1	5000035	RUBBER FOOT BLACK MOUSER	517-SJ-5018BK	4.000000	U	EA	0	N	0	MSC	1.0	B	
1	6000105	RCA 1X1 CON012 RA J6 SWITCHCRAFT	5/6/2010 PJRAN1X1U01X	1.000000	U	EA	0	N	0	CON	1.0	B	
1	6000761	DB9 9PIN CON038 VERTICAL P2 NORCOMP NORCOMP NORCOMP INC DIGI-KEY DIGI-KEY	5/6/2010 191-009-213-L-571 191-009-213-L-591 191-009-213L571 191-009-213L571-ND 191-009-213L591-ND	1.000000	U	EA	0	N	0	CON	1.0	B	
1	6000794	IDC 2PIN_JUMPER_SHORT NO TAB SJ1-48 DIGI-KEY SULLINS	8/24/2010 S9001-ND SPC02SYAN	48.000000	U	EA	0	N	0	2010050 MSC	1.0	B	
1	6000803	PWR .65MM CON045 TH J1 CUI DIGI-KEY CUI	5/6/2010 045-0883R CP1-023-ND PJ1-023	1.000000	U	EA	0	N	0	CON	1.0	B	
1	6000828	USB_MINI-AB 5PIN CON052 USB OTG CONN	5/6/2010	1.000000	U	EA	0	N	0	CON	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		P1											
		MOLEX	56579-0576										
		DIGI-KEY	WM17122CT-ND										
		DIGI-KEY	WM17122TR-ND										
	6000832												
1		MOMENTARY SWT024	5/6/2010	1.000000	U	EA	0	N	0	SWT	1.0	B	
		SW1											
		PANASONIC	EVQ-Q2K03W										
		DIGI-KEY	P12943SCT-ND										
		DIGI-KEY	P12943STR-ND										
	6000859												
1		IDC 7x2 IDC7x2_SMTA HEADER W/ALIGNMENT	5/6/2010	1.000000	U	EA	0	N	0	CON	1.0	B	
		J14											
		SAMTEC	TSM-107-01-T-DV-A										
	6000871												
1		IDC 3X1 IDC3X1_SMT HEADER	5/6/2010	4.000000	U	EA	0	N	0	CON	1.0	B	
		JP1-4											
		SAMTEC	TSM-103-01-T-SV										
	6000887												
1		IDC 18X2 IDC18X2_M_SMT HEADER	5/6/2010	4.000000	U	EA	0	N	0	CON	1.0	B	
		J2-5											
		SAMTEC	TSM-118-01-T-DV										
	6000907												
1		DSUB 15P EDAC_634-015-263-032 D-SUB VIDEO	5/6/2010	1.000000	U	EA	0	N	0	CON	1.0	B	
		J7											
		MOUSER	587-634-015-263-032										
		EDAC	634-015-263-032										
	6000908												
1		HDMI 19P FCI_10029449-002TLF HDMI RECEPTACLE	5/6/2010	3.000000	U	EA	0	N	0	CON	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		J8,J11,J13											
		FCI	10029449-002LF										
		FCI	10029449-002TLF										
		DIGI KEY	609-1011-ND										
	6000909	RCA 3X1 CUI-STACK_RCJ-32265	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
1		RCA COMPONENT JACK								CON			
		J9											
		DIGI KEY	CP-1446-ND										
		CUI	RCJ-32265										
	6000910	D-SUB 21P ZZZ	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
1		TH SCART								CON			
		J10											
		MOUSER	806-K-SCARTX-021										
		KYCON	K-SCARTX-021										
	6000911	IDC 6X1 ZZZ	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
1		HEADER SMT								CON			
		J12											
		SAMTEC	TSM-106-01-T-SV										
	6000912	MINI-DIN 4PIN CUI-STACK_MD-40SM	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
1		SVIDEO								CON			
		U10											
		DIGI KEY	CP-2240-ND										
		CUI	MD-40SM										
	7000117	600 500MA 1206	5/6/2010	3.000000	U	EA	0	N	0		1.0	B	
1										FER			
		L1-L2,L5											
		LAIRD TECH	HZ1206B601R-10										
		STEWART	HZ1206B601R-10										
		DIGI-KEY	HZ1206E601R-10										
	7000232	190 5A FER002	5/6/2010	1.000000	U	EA	0	N	0		1.0	B	
1										FER			

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		F1											
		MURATA	DLW5BSN191SQ2										
		MURATA	DLW5BSN191SQ2L										
1	7000237	GREEN LED009	5/6/2010	3.000000	U	EA	0	N	0	LED	1.0	B	
		D2-3,D11											
		DIGI-KEY	160-1169-1-ND										
		DIGI-KEY	160-1169-2-ND										
		LITE-ON	LTST-C150GKT										
1	7000242	120.0K 1/10W 1% 0805	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		R185											
		DIG01	541-120KCCT-ND										
		VISHAY	CRCW0805120KFKEA										
		KOA	RK73H2ATTD1203F										
		SEI	RMCF-1/10-120K-1%-TR										
1	7000243	10UH 10% 1008	5/6/2010	5.000000	U	EA	0	N	0	IND	1.0	B	
		L6-10											
		PANASONIC	ELJ-FC100KF										
		DIGI-KEY	PCD1073CT-ND										
		DIGI-KEY	PCD1073TR-ND										
1	7000256	42 4A 0805	5/6/2010	1.000000	U	EA	0	N	0	FER	1.0	B	
		L4											
		DIGI-KEY	587-1768-2-ND										
		TAIYO YUDEN	FB MJ2125HS420-T										
		TAIYO YUDEN	FBMJ2125HS420-T										
1	7000273	76.8K 1/10W 1% 0805	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		R110											
		DIGI-KEY	311-76.8KCRTR-ND										
		YAGEO	RC0805FR-0776K8L										
		KOA	RK73H2ATDD7682F										



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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000278	0.1UF 10V 10% 0402 X5R	5/6/2010	69.000000	U	EA	0	N	0	CAP	1	B	
		C5-8,C10,C12-18,C21,C23,C37,C46-47,C50,C60,C68, C70,C72,C76,C78,C80,C82,C85,C87,C91,C93,C95, C97,C106-108,C129-132,C135-142,C148-149, C154-163,C172-181											
		AVX	0402ZD104KAT2A										
		PANASONIC	ECJ0EB1A104K										
		KOA	X7R0402CTTD104J										
1	7000280	10K 1/16W 5% 0402	5/6/2010	15.000000	U	EA	0	N	0	RES	1	B	
		R50,R52,R98,R103,R114,R116,R119,R145,R147-149,R175,R182-183,R189											
		VISHAY	CRCW040210K0FKED										
		VISHAY	CRCW040210K0JNED										
		PANASONIC	ERJ-2GEJ103X										
		NIC COMPONENTS	NRC04J103TRF										
		DIGI-KEY	P10KJTR-ND										
		YAGEO	RC0402JR-0710KL										
		PANASONIC	RK73B-1E-T-TDD-103-J										
1	7000281	4.7K 1/16W 5% 0402	8/24/2010	14.000000	U	EA	0	N	0	2010050 RES	1	B	
		R3-4,R73,R75,R81-82,R87,R100,R125, R127,R130,R132,R159,R162											
		DIGI-KEY	541-4.7KJTR-ND										
		VISHAY	CRCW04024K70JNED										
		PANASONIC	ERJ-2GEJ472X										
		KOA	RK73B1ELTP472J										
1	7000289	499.0 1/10W 1% 0805	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		R83											
		VISHAY	CRCW0805499RFKEA										
		KOA	RK73H2ATTDD4990F										
1	7000330	24.0 1/10W 1% 0603	8/24/2010	13.000000	U	EA	0	N	0	2010050 RES	1	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R1-2,R10-11,R18,R20-21,R28-29,R31,R37,R39,R53											
		DIGI-KEY	311-24.0HRTR-ND										
		YAGEO	RC0603FR-0724RL										
		KOA	RK73H1JTDD24R0F										
	7000344	-----											
1		1UF 16V 10% 0603 X5R	5/6/2010	20.000000	U	EA	0	N	0		1	B	
		CAP											
		C24-25,C38,C44,C51-52,C69,C98-103,C123,C143-146,C150-151											
		DIG01	399-5090-2-ND										
		KEMET	C0603C105K4PACTU										
		TDK	C1608X5R1C105K										
		TDK	C1608X5R1C105K080AA										
		PANASONIC	ECJ-1VB1C105K										
		TAIYO YUDEN	EMK107BJ105KA-T										
		MURRATA	GRM185R61C105KE44D										
		AVX	LT03YD105KAT2S										
		DIGI-KEY	PCC2224TR-ND										
		KOA	Y5V0603ATTD105Z										
	7000369	-----											
1		1M 1/10W 5% 0603	5/6/2010	1.000000	U	EA	0	N	0		1	B	
		RES											
		R176											
		VISHAY	CRCW06031M00FNEA										
		VISHAY	CRCW06031M00JNEA										
		PANASONIC	ERJ-3GEYJ105V										
		DIGI-KEY	P1.0MGTR-ND										
		KOA	RK73B1JTDD105J										
	7000371	-----											
1		0.0 1/10W 1% 0603	5/6/2010	16.000000	U	EA	0	N	0		1	B	
		RES											
		R26-27,R30,R32,R51,R55,R57,R59-60,R65-68,R71,R85,R99											
		PHYCOMP	232270296001L										
		YAGEO	9C06031A0R00JLPFT										
		VISHAY	CRCW06030000Z0EA										
		VISHAY	CRCW06030000ZSEA										
		PANASONIC	ERJ-3GEY0R00V										
		DIGI-KEY	P0.0GTR-ND										
		KOA	RK73Z1JTDD										
		-----											

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000375	130.0K 1/16W 1% 0603	5/6/2010	4.000000	U	EA	0	N	0	RES	1	B	
		R45,R47,R89,R184											
		VISHAY	CRCW0603130KFKEA										
		PANASONIC	ERJ-3EKF1303V										
		DIGIKEY	P130KHTR-ND										
		KOA	RK73H1JTDD1303F										
		KOA	RK73H1JTDD1303F										
-----													
1	7000395	49.9K 1/10W 1% 0603	5/6/2010	2.000000	U	EA	0	N	0	RES	1	B	
		R101-102											
		DIGI-KEY	311-49.9KHRTR-ND										
		YAGEO	RC0603FR-0749K9L										
		KOA	RK73H1JTDD4992F										
		KOA	RK73H1JTDD4992F										
-----													
1	7000415	33.0 1/10W 1% 0603	5/6/2010	9.000000	U	EA	0	N	0	RES	1	B	
		R124,R154,R164,R166-169,R171,R173											
		DIGI-KEY	311-33.0HRTR-ND										
		VISHAY	CRCW060333R0FKEA										
		YAGEO	RC0603FR-0733RL										
		KOA	RK73H1JTDD33R0F										
-----													
1	7000448	27PF 50V 5% 0402 NPO NPO	8/24/2010	2.000000	U	EA	0	N	0	2010050 CAP	1	B	
		C73-74											
		AVX	04025A270JAT2A										
		DIGI-KEY	478-1075-2-ND										
		PANASONIC	ECJ0EC1H270J										
		KOA	NPO0402HTTD270J										
-----													
1	7000461	10UF 10V 10% 0805 X5R	5/6/2010	14.000000	U	EA	0	N	0	CAP	1	B	
		C1,C71,C119,C133-134,C147,C152-153,C166-171											
		PANASONIC	ECJ-2FB1A106K										
		MURATA	GRM21BR61A106KE19L										
-----													

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000466	2.0K 1/16W 1% 0603	5/6/2010	3.000000	U	EA	0	N	0	RES	1	B	
		R93-94,R106											
		PANASONIC	ERJ-3EKF2001V										
1	7000534	200MA BAT54 SOT23D SCHOTTKY 30V SINGLE	5/6/2010	4.000000	U	EA	0	N	0	DIO	1.0	B	
		D6-9											
		MOUSER	512-BAT54										
		FAIRCHILD SEMI	BAT54										
		FAIRCHILD SEMI	BAT54_NL										
1	7000539	18K 1/16W 5% 0402	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		R109											
		DIGI-KEY	311-18KJRCT-ND										
		YAGEO	RC0402JR-0718KL										
		KOA	RK73B1ETTP183J										
1	7000553	5A MBRS540T3G SMC SCHOT_RECT	5/6/2010	1.000000	U	EA	0	N	0	DIO	1.0	B	
		D1											
		ON SEMI	MBRS540T3G										
		DIGI-KEY	MBRS540T3GOSCT-ND										
1	7000555	15KV PGB1010603 0603 ESD SUPPRESSOR	5/6/2010	3.000000	U	EA	0	N	0	DIO	1.0	B	
		U41-43											
		DIGI-KEY	F2594TR-ND										
		LITTLEFUSE	PGB1010603MR										
		LITTLEFUSE	PGB1010603NR										
1	7000556	VARISTOR V5.5MLA 30A 0603 TRANSIENT PROTECTION	5/6/2010	2.000000	U	EA	0	N	0	RES	1	B	
		D10,D12											
		DIGI-KEY	F2214TR-ND										
		LITTLEFUSE	V5.5MLA0603										
		LITTLEFUSE	V5.5MLA0603H										

**\* Single-Level Explosion By Parent Part Identifier \***

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000557	PTC 0.5A 1206 OVERCURRENT PROTECTION U37	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		LITTLEFUSE	1206L050-C										
		LITTLE FUSE	1206L050YR										
		DIGI-KEY	F2112TR-ND										
1	7000566	33.0K 1/16W 1% 0402 R118	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		ROHM	MCR01MZPF3302										
		DIGI-KEY	RHM33.0KLCT-ND										
		DIGI-KEY	RHM33.0KLTR-ND										
1	7000567	47.0K 1/16W 1% 0402 R17,R38	5/6/2010	2.000000	U	EA	0	N	0	RES	1	B	
		ROHM	MCR01MZPF4702										
		DIGI-KEY	RHM47.0KLCT-ND										
		DIGI-KEY	RHM47.0KLTR-ND										
1	7000571	1.0K 1/16W 1% 0402 R76,R78,R84,R192-193	8/24/2010	5.000000	U	EA	0	N	0	2010050 RES	1	B	
		PANASONIC	ERJ-2RKF1001X										
		DIGI-KEY	P1.00KLCT-ND										
		DIGI-KEY	P1.00KLTR-ND										
1	7000590	100K 1/16W 5% 0402 R112-113,R115	5/6/2010	3.000000	U	EA	0	N	0	RES	1	B	
		DIGI-KEY	541-100KJCT-ND										
		DIGI-KEY	541-100KJTR-ND										
		VISHAY	CRCW0402100KJNED										
1	7000607	2.2UF 25V 10% 0805 X7R X7R	5/6/2010	6.000000	U	EA	0	N	0	CAP	1	B	

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LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C32-33,C61-62,C164-165											
		DIGI KEY	445-6860-2-ND										
		DIGI-KEY	490-3331-1-ND										
		DIGI-KEY	490-3331-2-ND										
		TDK	C2012X7R1E225K										
		MURATA	GRM21BR71E225KA73L										
1	7000650	40K 1/16W 0.1% 0402	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		R191											
		STACKPOLE	RNC 10 T9 40K 0.1% R										
		DIGI-KEY	RNC10T940K0.1%R-ND										
1	7000651	50K 1/16W 0.5% 0402	5/6/2010	4.000000	U	EA	0	N	0	RES	1	B	
		R46,R48,R88,R187											
		STACKPOLE	RNC 10 T9 50K 0.5% I										
		DIGI-KEY	RNC10T950K0.5%I-ND										
		DIGIKEY	RR05P49.9KDCT-ND										
1	7000659	18PF 50V 5% 0402 NP0	5/6/2010	4.000000	U	EA	0	N	0	CAP	1	B	
		C117-118,C122,C125											
		AVX	04025A180JAT2A										
		DIGI KEY	478-1073-1-ND										
		DIGI KEY	478-1073-2-ND										
		DIGI-KEY	490-1281-1-ND										
		DIGI KEY	490-1281-2-ND										
		DIGI KEY	587-1950-2-ND										
		PANASONIC	ECJ-0EC1H180J										
		MURATA	GRM1555C1H180JZ01D										
		DIGI-KEY	PCC180CQCT-ND										
		TAIYO YUDEN	UMK105CG180JV-F										
1	7000660	33 1/16W 5% RNS003 SERIES	5/6/2010	4.000000	U	EA	0	N	0	RNS	1.0	B	
		RA18-20,RA24											
		PANASONIC	EXB-2HV330JV										
		DIGI-KEY	Y1330TR-ND										

**\* Single-Level Explosion By Parent Part Identifier \***

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part	
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #	
1	7000661	33 1/32W 5% RNS005 SERIES RA21 PANASONIC DIGI-KEY DIGI-KEY	EXB-28V330JX Y7330CT-ND Y7330TR-ND	5/6/2010	1.000000	U	EA	0	N	0	RNS	1.0	B	
1	7000662	51.1 1/16W 1% 0402 R9,R13-15,R22-24,R33-35,R40-41 DIGI-KEY DIGI-KEY VISHAY PANASONIC DIGI-KEY	541-51.1LCT-ND 541-51.1LTR-ND CRCW040251R1FKED ERJ-2RKF51R1X P51.1LCT-ND	5/6/2010	12.000000	U	EA	0	N	0	RES	1	B	
1	7000663	0.01UF 25V 10% 0402 X7R X7R C20,C22,C26-31,C34-36,C39-43,C45, C48-49,C53-59,C63-67,C75,C77, C79,C81,C84,C86,C90,C92,C94,C96,C105, C109-114,C120-121,C124,C126-128 DIGI-KEY KEMET PANASONIC DIGI-KEY	399-1278-1-ND C0402C103K3RACTU ECJ-0EB1E103K PCC2270CT-ND	5/6/2010	54.000000	U	EA	0	N	0	CAP	1	B	
1	7000664	30.0K 1/10W 1% 0603 R186,R190 DIGI-KEY YAGEO	311-30.0KHRTR-ND RC0603FR-0730KL	5/6/2010	2.000000	U	EA	0	N	0	RES	1	B	
1	7000677	27K 1/16W 5% 0402 R25,R91 PANASONIC DIGI-KEY DIGI-KEY	ERJ-2GEJ273X P27KJCT-ND P27KJTR-ND	5/6/2010	2.000000	U	EA	0	N	0	RES	1	B	

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LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000679	100.0 1/16W 1% 0402	5/6/2010	3.000000	U	EA	0	N	0	RES	1	B	
		R56,R61-62											
		DIGI-KEY	541-100LCT-ND										
		DIG01	541-100LTR-ND										
		VISHAY	CRCW0402100RFKED										
		ROHM	MCR01MZPF1000										
		DIGI-KEY	RHM100LCT-ND										
1	7000683	1000PF 50V 5% 0402 NPO	5/6/2010	6.000000	U	EA	0	N	0	CAP	1	B	
		C2-4,C9,C11,C19											
		DIGI-KEY	490-3244-1-ND										
		DIGI-KEY	490-3244-2-ND										
		MURATA	GRM1555C1H102JA01D										
1	7000702	22 1/16W 5% RNS003	5/6/2010	5.000000	U	EA	0	N	0	RNS	1.0	B	
		SERIES											
		RA13-17											
		PANASONIC	EXB-2HV220JV										
		DIGI-KEY	Y1220TR-ND										
1	7000718	30A GSOT05 SOT23-3	5/6/2010	1.000000	U	EA	0	N	0	DIO	1.0	B	
		ESD SUPPRESSOR-5V											
		U1											
		DIGI-KEY	751-1416-1-ND										
		DIGI-KEY	751-1416-2-ND										
		VISHAY	GSOT05-E3-08										
		DIGIKEY	GSOT05-E3-08TR-ND										
		VISHAY	GSOT05-GS08										
1	7000724	220.0 1/10W 1% 0603	5/6/2010	3.000000	U	EA	0	N	0	RES	1	B	
		R43-44,R108											
		PANASONIC	ERJ-3EKF2200V										
		DIGI-KEY	P220HTR-ND										



**\* Single-Level Explosion By Parent Part Identifier \***

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000750	4700PF 2A FIL_NFE61PT FILTER LC HIGH FREQ F2-14	5/6/2010	13.000000	U	EA	0	N	0	FER	1.0	B	
		DIGI KEY MURATA	490-2554-2-ND NFE61PT472C1H9L										
1	7000751	330UH 5% ZZZ 1812 L3	5/6/2010	1.000000	U	EA	0	N	0	IND	1.0	B	
		DIGI KEY JW MILLER	M8537TR-ND PM1812-331J-RC										
1	7000752	56K 1/10W 5% 0603 R49,R95,R188	5/6/2010	3.000000	U	EA	0	N	0	RES	1	B	
		PANASONIC DIGI KEY	ERJ-3GEYJ563V P56KGTR-ND										
1	7000753	887.0 1/10W 1% 0603 R107	5/6/2010	1.000000	U	EA	0	N	0	RES	1	B	
		DIGIKEY YAGEO	311-887HRTR-ND RC0603FR-07887RL										
1	7000754	75 1/16W 5% RESCAV_YC164-8 SERIES RA1-12	5/6/2010	12.000000	U	EA	0	N	0	RNS	1.0	B	
		YAGEO DIGI KEY	YC164-JR-0775RL YC164J-75TR-ND										
1	7000755	5A RCLAMP0524 DIO_RCLAMP0524 TVS ARRAY_4 U2,U4,U8-U9,U28-30	5/6/2010	7.000000	U	EA	0	N	0	DIO	1.0	B	
		SEMTECH DIGI KEY	RCLAMP0524P.TCT RCLAMP0524PTR-ND										
1	7000756	6A RCLAMP0504 DIO_RCLAMP0504 TVS ARRAY_4	5/6/2010	2.000000	U	EA	0	N	0	DIO	1.0	B	

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LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U3,U7											
		SEMTECH	RCLAMP0504P.TCT										
		DIGI KEY	RCLAMP0504PTR-ND										
1	7000757	30MA DB3X314 DIO_DB3X314 SCHOTTKY	5/6/2010	3.000000	U	EA	0	N	0	DIO	1.0	B	
		U6,U20,U26											
		PANASONIC	DB3X314K0L										
		DIGI KEY	DB3X314K0LTR-ND										
		PANASONIC	MA3X704A0L										
		DIGI KEY	MA3X704A0LTR-ND										
1	7001573	10MA Z4678TZENER ZZZ SOD-123 CHANGED FROM 1000594		2.000000	U	EA	0	N	0	DIO	1.0	B	
		D4-5											
		ON SEMI	MMSZ4678T1G										
		DIGIKEY	MMSZ4678T1GOSTR-ND										
1	A0237-2010	PRO AV PIPE PCB		1.000000	U	EA	0	N	0	PCB	1.2	B	
1	ASSMAA0237-2010	ASSEMBLY DWG AA0237-AA0245		1.000000	U	EA	0	N	0	DWG	0.1	R	