

*** 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 #

AA0364-2012

ADV7625 BOARD

ASSM 1.2 A

DNP:
 J14
 R19 R23 R98 R135 R136 R143 R145 R146 R147 R148
 R149 R150 R151 R152 R156 R158 R180
 R57 R59 R61 R63 R65 R112 R114 R116 R73 R81

Put a jumper on JP9 (two pins closest to R108/R110/U41)

THIS BOARD MUST USE THE N25Q032A13ESE40F FOR 1000604.

1	1000287	SN74LVC1G08 SOT23-5 SINGLE 2-INPUT AND	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U57											
		TI	SN74LVC1G08DBVE										
		TI	SN74LVC1G08DBVR										
		TI	SN74LVC1G08DBVRE4										
		TI	SN74LVC1G08DBVRG4										
1	1000484	25MHZ OSC013 CRYSTAL FUNDAMENTAL 18PF	6/29/2012	2.000000	U	EA	0	N	0	OSC	1.0	B	
		U8 U54											
		DIGI-KEY	535-9140-1-ND										
		DIGI-KEY	535-9140-2-ND										
		ABRACON	ABM8-25.000MHZ-B2-T										
1	1000485	24MHZ OSC013 CRYSTAL FUNDAMENTAL 18PF	6/29/2012	1.000000	U	EA	0	N	0	OSC	1.0	B	
		U52											
		DIGI-KEY	535-9138-1-ND										
		DIGI-KEY	535-9138-2-ND										
		ABRACON	ABM8-24.000MHZ-B2-T										
1	1000522	MT48H16M16 VFBGA54_80x90 256MB SDRAM 1.8V	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U6											
		MICRON	MT48H16M16LFBF-6:H										
		MICRON	MT48H32M16LFB4-75 IT:C										

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1	1000526	MT48LC16M16A2 TSOP54 16MX16-SDRAM-167MHZ U42	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		DIGI-KEY MICRON	557-1223-1-ND MT48LC16M16A2P-6A:G										
1	1000544	M25P80 MSOP8 8MBIT 3V SPI FLASH U13 U38 U41	6/29/2012	3.000000	U	EA	0	N	0	ICS	1.0	B	
		NUMONYX	M25P80-VMN6TP										
1	1000596	NC7SZ125M5X ZZZ SINGLE 3 STATE BUFFER U33 U37	6/29/2012	2.000000	U	EA	0	N	0	ICS	1.0	B	
		FAIRCHILD DIGI KEY	NC7SZ125M5X NC7SZ125M5XTR-ND										
1	1000992	27MHZ ZZZ CRYSTAL Y1	6/29/2012	1.000000	U	EA	0	N	0	OSC	1.0	B	
		ECS Inc Golledge DIGI-KEY	ECS-270-18-5PX-F-TR MP02941 XC1002CT-ND										
1	30-024902-01	ADM708SARZ SOIC8 VOLTAGE-SUPERVISOR U7 U55	6/29/2012	2.000000	U	EA	0	N	0	ICS	1.0	B	
		ANALOG DEVICES ANALOG DEVICES	ADM708SARZ ADM708SARZ-REEL										
1	30-025524-02	ADSP-BF524BBCZ-3A BGA208 300MHZ 17MM U5	6/29/2012	1.000000	U	EA	0	N	0	DSP	0.2	B	
		ANALOG DEVICES	ADSP-BF524BBCZ-3A										
1	30-025764-01	ADP1715 MSOP8 ADJ 500MA REGULATOR	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U4											
		ANALOG	ADP1715ARMZ-R7										
		ANALOG DEVICES	ADP1715ARMZ-R7										
		DIGI-KEY	ADP1715ARMZ-R7CT-ND										
	30-025783-01												
1		ADM1385ARSZ SSOP20	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		RS232 W/SHUTDOWN											
		U12											
		ANALOG DEVICES	ADM1385ARSZ										
		ANALOG DEVICES	ADM1385ARSZ-REEL										
		ANALOG DEVICES	ADM1385ARSZ-REEL7										
	30-025865-01												
1		ADP123AUJZ TSOT5	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		0.8V-5V 300MA REGULATOR											
		U2											
		ANALOG DEVICES	ADP123AUJZ-R7										
	30-026039-01												
1		ADP2114CPZ ZZZ	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U45											
		ANALOG DEVICES	ADP2114ACPZ-R7										
		ANALOG DEVICES	ADP2114CPZ										
	30-026143-01												
1		ADP2164ACPZ ZZZ	6/29/2012	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U44											
		ANALOG DEVICES	ADP2164ACPZ-R7										
	30-026366-01												
1		ADSP-21489KSWZ-5B ZZZ	2/4/2014	1.000000	U	EA	0	N	0	2013059 ICS	1.0	B	
		450MHZ											
		U39											
		ANALOG DEVICES	ADSP-21489KSWZ-5B										
	30-026386-01												
1		ADV7625KBCZ-8 ??? ZZZ	2/4/2014	1.000000	U	EA	0	N	0	2013059 ADI	1.0	B	
		U14											
		ANALOG DEVICES	ADV7625KBCZ-8										

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1	6000761	DB9 9PIN CON038 VERTICAL P1	6/29/2012	1.000000	U	EA	0	N	0	CON	1.0	B	
		NORCOMP	191-009-213-L-571										
		NORCOMP	191-009-213-L-591										
		NORCOMP INC	191-009-213L571										
		DIGI-KEY	191-009-213L571-ND										
		DIGI-KEY	191-009-213L591-ND										

1	6000803	PWR .65MM CON045 TH J12	6/29/2012	1.000000	U	EA	0	N	0	CON	1.0	B	
		CUI	045-0883R										
		DIGI-KEY	CP1-023-ND										
		CUI	PJ1-023										

1	6000828	USB_MINI-AB 5PIN CON052 USB OTG CONN P3	6/29/2012	1.000000	U	EA	0	N	0	CON	1.0	B	
		MOLEX	56579-0576										
		DIGI-KEY	WM17122CT-ND										
		DIGI-KEY	WM17122TR-ND										

1	6000832	MOMENTARY SWT024 SW1-SW6	6/29/2012	6.000000	U	EA	0	N	0	SWT	1.0	B	
		PANASONIC	EVQ-Q2K03W										
		DIGI-KEY	P12943SCT-ND										
		DIGI-KEY	P12943STR-ND										

1	6000859	IDC 7x2 IDC7x2_SMTA HEADER W/ALIGNMENT J1 J11	6/29/2012	2.000000	U	EA	0	N	0	CON	1.0	B	
		SAMTEC	TSM-107-01-T-DV-A										

1	6000871	IDC 3X1 IDC3X1_SMT HEADER	6/29/2012	1.000000	U	EA	0	N	0	CON	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		JP9											
		SAMTEC	TSM-103-01-T-SV										
1	6000880	IDC 30x2 IDC30X2_SMTA HEADER W/ALIGNMENT	6/29/2012	1.000000	U	EA	0	N	0	CON	1.0	B	
		J10											
		SAMTEC	TSSH-130-01-L-DV-A										
1	6000908	HDMI 19P FCI_10029449-002TLF HDMI RECEPTACLE	6/29/2012	7.000000	U	EA	0	N	0	CON	1.0	B	
		J2-J8											
		FCI	10029449-002LF										
		FCI	10029449-002TLF										
		DIGI KEY	609-1011-ND										
1	6000991	IDC 5X2 TSM-105-01-T-DV SMT HEADER	6/29/2012	3.000000	U	EA	0	N	0	CON	1.0	B	
		J9 J13 J15											
		SAMTEC	TSM-105-01-T-DV										
1	6003663	0.10A 15V CHIP 0603 ZZZ PTC RESTTBLE	9/11/2014	2.000000	U	EA	0	N	0	2014059 FUS	1.0	B	
		FU1, FU2											
		BEL FUSE INC	0ZCM0010FF2G										
		DIGI-KEY	507-1818-2-ND										
1	7000112	600 200MA 0603 EMIFIL CHIP FERRITE BEAD	6/29/2012	2.000000	U	EA	0	N	0	FER	1.0	B	
		L1 L2											
		DIGI-KEY	490-1014-2-ND										
		MURATA	BLM11A601SPT										
		MURATA	BLM18AG601SN1D										
1	7000117	600 500MA 1206	6/29/2012	1.000000	U	EA	0	N	0	FER	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		L9											
		LAIRD TECH	HZ1206B601R-10										
		STEWARD	HZ1206B601R-10										
		DIGI-KEY	HZ1206E601R-10										
	7000232												
1		190 5A FER002	6/29/2012	1.000000	U	EA	0	N	0	FER	1.0	B	
		F16											
		MURATA	DLW5BSN191SQ2										
		MURATA	DLW5BSN191SQ2L										
	7000237												
1		GREEN LED009	6/29/2012	7.000000	U	EA	0	N	0	LED	1.0	B	
		D1-D5 D7 D9											
		DIGI-KEY	160-1169-1-ND										
		DIGI-KEY	160-1169-2-ND										
		LITE-ON	LTST-C150GKT										
	7000242												
1		120.0K 1/10W 1% 0805	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		R3											
		DIG01	541-120KCCT-ND										
		VISHAY	CRCW0805120KFKEA										
		KOA	RK73H2ATTD1203F										
		SEI	RMCF-1/10-120K-1%-TR										
	7000278												
1		0.1UF 10V 10% 0402 X5R	6/29/2012	105.000000	U	EA	0	N	0	CAP	1	B	
		C1 C5 C10 C13-C22 C28-C35 C38 C39 C47-C57 C63-C66 C69-C72 C75-C84 C88-C100											
		C102 C103 C108 C109 C111-C114 C116-C120 C123 C129-C138 C141-C150 C168-C171											
		C188 C197											
		AVX	0402ZD104KAT2A										
		PANASONIC	ECJ0EB1A104K										
		KOA	X7R0402CTTD104J										
	7000280												
1		10K 1/16W 5% 0402	2/4/2014	25.000000	U	EA	0	N	0	2013059 RES	1	B	

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		R17 R36-R43 R48 R82-R85 R90 R102-R107 R120 R138-R140											
		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	6/29/2012	6.000000	U	EA	0	N	0	RES	1	B	
		R21 R22 R24 R25 R141 R144											
		DIGI-KEY	541-4.7KJTR-ND										
		VISHAY	CRCW04024K70JNED										
		PANASONIC	ERJ-2GEJ472X										
		KOA	RK73B1ELTP472J										
1	7000285	33 1/16W 5% 0402		1.000000	U	EA	0	N	0	RES	1	B	
		R181											
		Vishay	CRCW040233R0JNEA										
		VISHAY	CRCW040233R0JNED										
		PANASONIC	ERJ-2GEJ330X										
		DIGI-KEY	P33JCT-ND										
		DIGI-KEY	P33JTR-ND										
		KOA	RK73B1ETTP330J										
1	7000344	1UF 16V 10% 0603 X5R	6/29/2012	7.000000	U	EA	0	N	0	CAP	1	B	
		C7 C9 C121 C122 C124 C125 C192											
		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										

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7000369	1M 1/10W 5% 0603	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		R142											
		VISHAY	CRCW06031M00FNEA										
		VISHAY	CRCW06031M00JNEA										
		PANASONIC	ERJ-3GEYJ105V										
		DIGI-KEY	P1.0MGTR-ND										
		KOA	RK73B1JTTDD105J										
1	7000371	0.0 1/10W 1% 0603	6/29/2012	26.000000	U	EA	0	N	0	RES	1	B	
		R1 R6 R7 R9 R11 R13 R49 R50-R55 R91 R92 R115											
		R127 R128 R165-R171 R184											
		PHYCOMP	232270296001L										
		YAGEO	9C06031A0R00JLPFT										
		VISHAY	CRCW06030000Z0EA										
		VISHAY	CRCW06030000ZSEA										
		PANASONIC	ERJ-3GEY0R00V										
		DIGI-KEY	P0.0GTR-ND										
		KOA	RK73Z1JTTDD										
1	7000374	10 1/10W 5% 0603	6/29/2012	4.000000	U	EA	0	N	0	RES	1	B	
		R118 R123-R125											
		VISHAY	CRCW060310R0JNEA										
		PANASONIC	ERJ-3GEYJ100V										
		DIGI-KEY	P10GTR-ND										
		KOA	RK73B1JTTDD100J										
1	7000377	10.0K 1/16W 1% 0603	6/29/2012	4.000000	U	EA	0	N	0	RES	1	B	
		R67 R75 R119 R182											
		DALE	CRCW060310K0FKEA										
		PANASONIC	ERJ-3EKF1002V										
		DIGI-KEY	P10.0KHTR-ND										
		KOA	RK73H1JTTDD1002F										
1	7000387	4700PF 16V 10% 0603 X7R	6/29/2012	1.000000	U	EA	0	N	0	CAP	1	B	
		X7R											

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C182											
		DIGI-KEY	311-1083-2-ND										
		YAGEO	CC0603KRX7R9BB472										
		PANASONIC	ECJ-1VB1C472K										
		PANASONIC	ECJ-1VB1H472K										
		PANASONIC	ECJ1VB1H472K										
		KOA	X7R0603HTTD472J										
	7000391	-----											
1		11.0K 1/10W 1% 0603	6/29/2012	1.000000	U	EA	0	N	0	RES	1		B
		R132											
		DIGI-KEY	311-11.0KHRTR-ND										
		VISHAY	CRCW060311K0FKEA										
		YAGEO	RC0603FR-0711KL										
		KOA	RK73H1JTDD1102F										
		KOA	RK73H1JTDD1102F										
	7000405	-----											
1		100PF 50V 5% 0603 NPO	6/29/2012	1.000000	U	EA	0	N	0	CAP	1		B
		NPO											
		C183											
		AVX	06035A101JAT2A										
		DIGI KEY	478-1175-2-ND										
		PANASONIC	ECJ-1VC1H101J										
		PANASONIC	ECJ1VG1H101J										
		KOA	NPO0603HTTD101J										
	7000409	-----											
1		47.5K 1/10W 1% 0603	6/29/2012	1.000000	U	EA	0	N	0	RES	1		B
		R130											
		DIGI-KEY	311-47.5KHRTR-ND										
		VISHAY	CRCW060347K5FKEA										
		YAGEO	RC0603FR-0747K5L										
		KOA	RK73H1JTDD4752F										
		KOA	RK73H1JTDD4752F										
	7000410	-----											
1		12.4K 1/10W 1% 0603	6/29/2012	2.000000	U	EA	0	N	0	RES	1		B

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R121 R183											
		DIGI-KEY	311-12.4KHRTR-ND										
		VISHAY	CRCW060312K4FKEA										
		YAGEO	RC0603FR-0712K4L										
		KOA	RK73H1JTTDD1242F										
	7000414												
1		2200PF 50V 5% 0603 X7R X7R	6/29/2012	1.000000	U	EA	0	N	0	CAP	1	B	
		C181											
		KEMET	C0603C222J5RACTU										
		KEMET	C0603C222K5RAC7411										
		PANASONIC	ECJ-1VB1H222K										
		PANASONIC	ECJ-1VC1H222J										
		DIGI-KEY	PCC1776TR-ND										
		KOA	X7R0603HTTD222J										
	7000415												
1		33.0 1/10W 1% 0603	6/29/2012	32.000000	U	EA	0	N	0	RES	1	B	
		R18 R20 R26-R29 R44-R47 R88 R89 R108-R111 R113 R137 R159-R164 R172-R179											
		DIGI-KEY	311-33.0HRTR-ND										
		VISHAY	CRCW060333R0FKEA										
		YAGEO	RC0603FR-0733RL										
		KOA	RK73H1JTTDD33R0F										
	7000444												
1		15.0K 1/16W 1% 0603	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		R129											
		DIGI-KEY	311-15.0KHRTR-ND										
		VISHAY	CRCW060315K0FKEA										
		YAGEO	RC0603FR-0715KL										
		KOA	RK73H1JTTDD1502F										
	7000461												
1		10UF 10V 10% 0805 X5R	6/29/2012	22.000000	U	EA	0	N	0	CAP	1	B	
		C11 C12 C26 C27 C37 C46 C68 C73 C74 C85-C87 C101 C107 C110 C115 C127 C128 C139 C140 C160 C190											
		PANASONIC	ECJ-2FB1A106K										
		MURATA	GRM21BR61A106KE19L										

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1	7000466	2.0K 1/16W 1% 0603	6/29/2012	4.000000	U	EA	0	N	0	RES	1	B	
		R69 R70 R77 R78											
		PANASONIC	ERJ-3EKF2001V										
1	7000553	5A MBRS540T3G SMC SCHOT_RECT	6/29/2012	1.000000	U	EA	0	N	0	DIO	1.0	B	
		D6											
		ON SEMI	MBRS540T3G										
		DIGI-KEY	MBRS540T3GOSCT-ND										
1	7000555	15KV PGB1010603 0603 ESD SUPPRESSOR	6/29/2012	3.000000	U	EA	0	N	0	DIO	1.0	B	
		U48 U50 U51											
		DIGI-KEY	F2594TR-ND										
		LITTLEFUSE	PGB1010603MR										
		LITTLEFUSE	PGB1010603NR										
1	7000556	VARISTOR V5.5MLA 30A 0603 TRANSIENT PROTECTION	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		D11											
		DIGI-KEY	F2214TR-ND										
		LITTLEFUSE	V5.5MLA0603										
		LITTLEFUSE	V5.5MLA0603H										
1	7000557	PTC 0.5A 1206 OVERCURRENT PROTECTION	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		U49											
		LITTLEFUSE	1206L050-C										
		LITTLE FUSE	1206L050YR										
		DIGI-KEY	F2112TR-ND										
1	7000567	47.0K 1/16W 1% 0402	6/29/2012	5.000000	U	EA	0	N	0	RES	1	B	
		R56 R58 R60 R62 R64											
		ROHM	MCR01MZPF4702										
		DIGI-KEY	RHM47.0KLCT-ND										
		DIGI-KEY	RHM47.0KLTR-ND										

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1	7000571	1.0K 1/16W 1% 0402	6/29/2012	7.000000	U	EA	0	N	0	RES	1	B	
		R93-R97 R155 R157											
		PANASONIC	ERJ-2RKF1001X										
		DIGI-KEY	P1.00KLCT-ND										
		DIGI-KEY	P1.00KLTR-ND										
1	7000581	8.20K 1/10W 1% 0603	6/29/2012	2.000000	U	EA	0	N	0	RES	1	B	
		R122 R133											
		DIGI-KEY	541-8.20KHCT-ND										
		VISHAY	CRCW06038K20FKEA										
1	7000590	100K 1/16W 5% 0402	6/29/2012	10.000000	U	EA	0	N	0	RES	1	B	
		R15 R16 R30-R32 R86 R87 R99 R153 R154											
		DIGI-KEY	541-100KJCT-ND										
		DIGI-KEY	541-100KJTR-ND										
		VISHAY	CRCW0402100KJNED										
1	7000607	2.2UF 25V 10% 0805 X7R X7R	6/29/2012	2.000000	U	EA	0	N	0	CAP	1	B	
		C36 C45											
		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	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		R14											
		STACKPOLE	RNC 10 T9 40K 0.1% R										
		DIGI-KEY	RNC10T940K0.1%R-ND										
1	7000659	18PF 50V 5% 0402 NP0	6/29/2012	8.000000	U	EA	0	N	0	CAP	1	B	

*** 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 #
		C58 C59 C186 C187 C193-C196											
		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	6/29/2012	16.000000	U	EA	0	N	0	RNS	1.0	B	
		RA1 RA4-RA7 RA10-RA18 RA20 RA21											
		PANASONIC	EXB-2HV330JV										
		DIGI-KEY	Y1330TR-ND										
1	7000661	33 1/32W 5% RNS005 SERIES	6/29/2012	4.000000	U	EA	0	N	0	RNS	1.0	B	
		RA2 RA3 RA8 RA9											
		PANASONIC	EXB-28V330JX										
		DIGI-KEY	Y7330CT-ND										
		DIGI-KEY	Y7330TR-ND										
1	7000663	0.01UF 25V 10% 0402 X7R X7R	6/29/2012	17.000000	U	EA	0	N	0	CAP	1	B	
		C40-C44 C60-C62 C67 C104-C106 C126 C151 C159 C189 C191											
		DIGI-KEY	399-1278-1-ND										
		KEMET	C0402C103K3RACTU										
		PANASONIC	ECJ-0EB1E103K										
		DIGI-KEY	PCC2270CT-ND										
1	7000664	30.0K 1/10W 1% 0603	6/29/2012	2.000000	U	EA	0	N	0	RES	1	B	
		R5 R12											
		DIGI-KEY	311-30.0KHRTR-ND										
		YAGEO	RC0603FR-0730KL										

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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	7000677	27K 1/16W 5% 0402	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		R134											
		PANASONIC	ERJ-2GEJ273X										
		DIGI-KEY	P27KJCT-ND										
		DIGI-KEY	P27KJTR-ND										

1	7000683	1000PF 50V 5% 0402 NPO	6/29/2012	2.000000	U	EA	0	N	0	CAP	1	B	
		NPO											
		C161 C162											
		DIGI-KEY	490-3244-1-ND										
		DIGI-KEY	490-3244-2-ND										
		MURATA	GRM1555C1H102JA01D										

1	7000718	30A GSOT05 SOT23-3	6/29/2012	1.000000	U	EA	0	N	0		1.0	B	
		ESD SUPPRESSOR-5V								DIO			
		U43											
		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	6/29/2012	7.000000	U	EA	0	N	0	RES	1	B	
		R33-R35 R68 R76 R117 R126											
		PANASONIC	ERJ-3EKF2200V										
		DIGI-KEY	P220HTR-ND										

1	7000750	4700PF 2A FIL_NFE61PT	6/29/2012	15.000000	U	EA	0	N	0	FER	1.0	B	
		FILTER LC HIGH FREQ											
		F1-F15											
		DIGI KEY	490-2554-2-ND										
		MURATA	NFE61PT472C1H9L										

1	7000755	5A RCLAMP0524 DIO_RCLAMP0524	6/29/2012	14.000000	U	EA	0	N	0		1.0	B	
		TVS ARRAY_4								DIO			

*** 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 #
		U16-U19 U22-U25 U28 U29 U31 U32 U35 U36											
		SEMTECH	RCLAMP0524P.TCT										
		DIGI KEY	RCLAMP0524PTR-ND										
1	7000756	6A RCLAMP0504 DIO_RCLAMP0504 TVS ARRAY_4	6/29/2012	7.000000	U	EA	0	N	0	DIO	1.0	B	
		U15 U20 U21 U26 U27 U30 U34											
		SEMTECH	RCLAMP0504P.TCT										
		DIGI KEY	RCLAMP0504PTR-ND										
1	7000757	30MA DB3X314 DIO_DB3X314 SCHOTTKY	6/29/2012	1.000000	U	EA	0	N	0	DIO	1.0	B	
		U46											
		PANASONIC	DB3X314K0L										
		DIGI KEY	DB3X314K0LTR-ND										
		PANASONIC	MA3X704A0L										
		DIGI KEY	MA3X704A0LTR-ND										
1	7000876	220UF 10V 20% ZZZ SMD	6/29/2012	1.000000	U	EA	0	N	0	CAP	1	B	
		C174											
		Panasonic	EEE-FK1A221P										
		DIGIKEY	PCE3775TR-ND										
1	7000939	1UH 30% ZZZ IND0XX	6/29/2012	1.000000	U	EA	0	N	0	IND	1.0	B	
		L3											
		COILCRAFT	MSS1038-102NL										
		COILCRAFT	MSS1038-102NLC										
1	7001027	47UF 10V 20% 1206 X5R ZZZ X5R	6/29/2012	12.000000	U	EA	0	N	0	CAP	1	B	
		C163-C167 C172 C173 C175-C179											
		DIGIKEY	399-5508-1-ND										
		Maruta	47UF 10V 20% 1206 X5R ZZZ										
		KEMET	C1206C476M8PACTU										

*** 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	7001028	0.047UF 6.3V 20% 0603 X7R ZZZ X7R 0603 C184 C185 DIG01 Yageo	6/29/2012	2.000000	U	EA	0	N	0	CAP	1	B	
		311-1235-2-ND CX0603MRX7R7BB473											
1	7001029	10uH 30% ZZZ 10.0X10.2MM L5 Coilcraft Coilcraft	6/29/2012	1.000000	U	EA	0	N	0	IND	1.0	B	
		MSS1038-103NLB MSS1038-103NLC											
1	7001030	3.8uH 30% ZZZ 10.0X10.2MM L4 Coilcraft Coilcraft	6/29/2012	1.000000	U	EA	0	N	0	IND	1.0	B	
		MSS1038-382NLB MSS1038-382NLC											
1	7001031	22K 1/16W 5% 0603 ZZZ 0603 R131 DIG01 Yageo	6/29/2012	1.000000	U	EA	0	N	0	RES	1	B	
		311-22KGRTR-ND RC0603JR-0722KL											
1	7001034	47PF 50V 5% 0603 COG COG C180 Yageo	6/29/2012	1.000000	U	EA	0	N	0	CAP	1	B	
		CC0603JRNP09BN470											
1	7001035	51.1 1/16W 1% 0603 ZZZ 0603 R71 R72 R79 R80 DIG01 Yageo	6/29/2012	4.000000	U	EA	0	N	0	RES	1	B	
		311-51.1HRTR-ND RC0603FR-0751R1L											
1	7001038	30MA CDBU00340SCHOT ZZZ 0603	6/29/2012	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 #
		D8 D10											
		DIG01	641-1006-2-ND										
		Comchip Technol	CDBU00340										
	7001073	-----											
1		470.0 1/16W 1% 0402 ZZZ	6/29/2012	2.000000	U	EA	0	N	0		1	B	
		0402								RES			
		R66 R74											
		Panasonic	ERJ-2RKF4700X										
		DIGI-KEY	P470LTR-ND										
	7001294	-----											
1		? 34836 ZZZ	6/29/2012	1.000000	U	EA	0	N	0		1.0	B	
		TSOP IR Receiver Module								DIO			
		U47											
		VISHAY	TSOP34836										
	A0364-2012	-----											
1		ADV7625 PCB		1.000000	U	EA	0	N	0		0.1	B	
										PCB			