

*** 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 #

AA0550-2013

ADV8005-SMZ-P BOARD
same ref des as aa0460

ASSM 1.1 A

- DNP:
 CT4,CT5,CT18,CT20,CT42
 RT2,RT3,RT4,RT5,RT7,RT25,RT26,RT26,
 RB27,RB28,RB57,RB58
 RB77,RB82,RT120,RT121,RB133,RT135,RT136,
 RB157,RB163,RB167,RB168,RB207,RB208
 RT29,RT61,RT62,RT99,RT107,RT113,RT115,RT117,
 RT126,RT140,RB145,RB146,RT148,RB189,RT40,RT43,RT46
 RB54-RB56,RB59-RB64,RB66,RB69,RB73,RB86,RB125-RB128
 RB909
 UT1-UT3
 FT2
 CB17
 JT1

THIS BOARD MUST USE THE N25Q032A13ESE40F (1007176).
 THIS REPLACED 1000604.

1	1000287	SN74LVC1G08 SOT23-5 SINGLE 2-INPUT AND UB1-UB3,UT32	12/17/2013	4.000000	U	EA	0	N	0	ICS	1.0	B
		TI				SN74LVC1G08DBVE						
		TI				SN74LVC1G08DBVR						
		TI				SN74LVC1G08DBVRE4						
		TI				SN74LVC1G08DBVRG4						

1	1000484	25MHZ OSC013 CRYSTAL FUNDAMENTAL 18PF UT36	12/17/2013	1.000000	U	EA	0	N	0	OSC	1.0	B
		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	12/17/2013	1.000000	U	EA	0	N	0	OSC	1.0	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 #
		UT39											
		DIGI-KEY	535-9138-1-ND										
		DIGI-KEY	535-9138-2-ND										
		ABRACON	ABM8-24.000MHZ-B2-T										
	1000499												
1		MT47H64M16 FBGA84 DDR2-128MB-8Mx16x8	12/17/2013	2.000000	U	EA	0	N	0	ICS	1.0	B	
		UT4,UT5											
		MICRON	MT47H64M16HR-3										
		MICRON	MT47H64M16HR-3 L										
		MICRON	MT47H64M16HR-3:E										
		MICRON	MT47H64M16HR-3:H										
	1000514												
1		SN74AVC8T245 TSSOP24 8BIT 1.2/3.6 LVL SHIFT	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		UT8											
		DIGI-KEY	296-19100-1-ND										
		TI	SN74AVC8T245PW										
		TI	SN74AVC8T245PWR										
	1000522												
1		MT48H16M16 VFBGA54_80x90 256MB SDRAM 1.8V	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		UT37											
		MICRON	MT48H16M16LFBF-6:H										
		MICRON	MT48H32M16LFB4-75 IT:C										
	1000596												
1		NC7SZ125M5X ZZZ SINGLE 3 STATE BUFFER	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		UT7											
		FAIRCHILD	NC7SZ125M5X										
		DIGI KEY	NC7SZ125M5XTR-ND										
	1000599												
1		28.6363MHZ OSCJ850P1140X470-4 CRYSTAL FUNDAMENTAL 18PF	12/17/2013	1.000000	U	EA	0	N	0	OSC	1.0	B	
		YT3											
		DIGI KEY	300-8572-1-ND										
		DIGIKEY	300-8572-2-ND										
		CITIZEN	HCM49 28.63636MABJ-UT										

*** 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	1000992	27MHZ ZZZ CRYSTAL YT1 ECS Inc Golledge DIGI-KEY	12/17/2013	1.000000	U	EA	0	N	0	OSC	1.0	B	
1	1001097	XC6SLX9-2CSG225C ZZZ Xilinx Spartan6 FPGA UT14 XILINX	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
1	1001098	M25P128-VMF6PB ZZZ 128-Mbit Serial Flash Memory UT27 MICRON MICRON MICRON	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
1	1007176	N25Q032A13ESE40F ZZZ SEE 1000604 UT12,UT25 NUM		2.000000	U	EA	0	N	0	ICS	1.0	B	
1	30-024902-01	ADM708SARZ SOIC8 VOLTAGE-SUPERVISOR UT19,UT23,UT29,UT33,UT41 ANALOG DEVICES ANALOG DEVICES	12/17/2013	5.000000	U	EA	0	N	0	ICS	1.0	B	
1	30-025524-02	ADSP-BF524BBCZ-3A BGA208 300MHZ 17MM UT35 ANALOG DEVICES	12/17/2013	1.000000	U	EA	0	N	0	DSP	0.2	B	
1	30-025764-01	ADP1715 MSOP8 ADJ 500MA REGULATOR	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	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 #
		UT40											
		ANALOG	ADP1715ARMZ-R7										
		ANALOG DEVICES	ADP1715ARMZ-R7										
		DIGI-KEY	ADP1715ARMZ-R7CT-ND										
	30-025783-01												
1		ADM1385ARSZ SSOP20	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		RS232 W/SHUTDOWN											
		UT28											
		ANALOG DEVICES	ADM1385ARSZ										
		ANALOG DEVICES	ADM1385ARSZ-REEL										
		ANALOG DEVICES	ADM1385ARSZ-REEL7										
	30-025865-01												
1		ADP123AUJZ TSOT5	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		0.8V-5V 300MA REGULATOR											
		UB4											
		ANALOG DEVICES	ADP123AUJZ-R7										
	30-025940-01												
1		ADV7842KBCZ-5P BGA256C100P16X16_170	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		HDMI RX W/O KEYS											
		UT30											
		ANALOG DEVICES	ADV7842KBCZ-5P										
	30-026022-01												
1		AD1580ART ZZZ	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		???											
		UT20											
		ANALOG DEVICES	AD1580ARTZ-REEL7										
	30-026026-01												
1		ADP3338AKCZ-5 ZZZ	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		???											
		UT15											
		ANALOG DEVICES	ADP3338AKCZ-5-R7										
	30-026216-01												
1		ADP1754ACPZ ZZZ	12/17/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		16-lead LFCSF											
		UT17											
		ANALOG	ADP1754ACPZ-1.2-R7										

*** 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	30-026217-01	ADP2386ACPZN ZZZ 24-lead LFCSP UT10,UT16 ANALOG	12/17/2013	2.000000	U	EA	0	N	0	ICS	1.0	B	
1	30-026325-01	ADV8005KBCZ-8N ZZZ UT18 ANALOG DEVICES ADI ANALOG DEVICES		1.000000	U	EA	0	N	0	ICS	1.0	B	
			ADP2386ACPZN-R7										
1	6000761	DB9 9PIN CON038 VERTICAL PT1 NORCOMP NORCOMP NORCOMP INC DIGI-KEY DIGI-KEY	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
			191-009-213-L-571 191-009-213-L-591 191-009-213L571 191-009-213L571-ND 191-009-213L591-ND										
1	6000828	USB_MINI-AB 5PIN CON052 USB OTG CONN PT2 MOLEX DIGI-KEY DIGI-KEY	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
			56579-0576 WM17122CT-ND WM17122TR-ND										
1	6000832	MOMENTARY SWT024 SWT1-SWT8 PANASONIC DIGI-KEY DIGI-KEY	12/17/2013	8.000000	U	EA	0	N	0	SWT	1.0	B	
			EVQ-Q2K03W P12943SCT-ND P12943STR-ND										
1	6000859	IDC 7x2 IDC7x2_SMTA HEADER W/ALIGNMENT	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	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 #
		JT10											
		SAMTEC	TSM-107-01-T-DV-A										
1	6000880	IDC 30x2 IDC30X2_SMTA HEADER W/ALIGNMENT	12/17/2013	2.000000	U	EA	0	N	0	CON	1.0	B	
		JT3,JT6											
		SAMTEC	TSSH-130-01-L-DV-A										
1	6000907	DSUB 15P EDAC_634-015-263-032 D-SUB VIDEO	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		JT14											
		MOUSER	587-634-015-263-032										
		EDAC	634-015-263-032										
1	6000908	HDMI 19P FCI_10029449-002TLF HDMI RECEPTACLE	12/17/2013	2.000000	U	EA	0	N	0	CON	1.0	B	
		JT4,JT12											
		FCI	10029449-002LF										
		FCI	10029449-002TLF										
		DIGI KEY	609-1011-ND										
1	6000909	RCA 3X1 CUI-STACK_RCJ-32265 RCA COMPONENT JACK	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		JT13											
		DIGI KEY	CP-1446-ND										
		CUI	RCJ-32265										
1	6000982	PWR 2.5MM ZZZ TH	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		JT2											
		NEW03	08WX2564										
		CLIFF ELECTRONI	DC10B										
1	6000991	IDC 5X2 TSM-105-01-T-DV SMT HEADER	12/17/2013	2.000000	U	EA	0	N	0	CON	1.0	B	
		JT7,JT9											
		SAMTEC	TSM-105-01-T-DV										

*** 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	6001040	2MM 2X7 ZZZ SMD SHROUDED GOLD JT5 Molex DIGI-KEY	87832-1420 WM18641-ND	12/17/2013	1.000000	U	EA	0	N	0	CON	1.0	B
1	6003663	0.10A 15V CHIP 0603 ZZZ PTC RESTTBLE FUB1 BEL FUSE INC DIGI-KEY	0ZCM0010FF2G 507-1818-2-ND	9/11/2014	1.000000	U	EA	0	N	0	2014055 FUS	1.0	B
1	7000112	600 200MA 0603 EMIFIL CHIP FERRITE BEAD LT1,LT2 DIGI-KEY MURATA MURATA	490-1014-2-ND BLM11A601SPT BLM18AG601SN1D	12/17/2013	2.000000	U	EA	0	N	0	FER	1.0	B
1	7000117	600 500MA 1206 LB1 LAIRD TECH STEWARD DIGI-KEY	HZ1206B601R-10 HZ1206B601R-10 HZ1206E601R-10	12/17/2013	1.000000	U	EA	0	N	0	FER	1.0	B
1	7000232	190 5A FER002 FT1 MURATA MURATA	DLW5BSN191SQ2 DLW5BSN191SQ2L	12/17/2013	1.000000	U	EA	0	N	0	FER	1.0	B
1	7000237	GREEN LED009 DT1-DT4,DT7-DT9 DIGI-KEY DIGI-KEY LITE-ON	160-1169-1-ND 160-1169-2-ND LTST-C150GKT	12/17/2013	7.000000	U	EA	0	N	0	LED	1.0	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 #
1	7000242	120.0K 1/10W 1% 0805	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RB188											
		DIG01	541-120KCCT-ND										
		VISHAY	CRCW0805120KFKEA										
		KOA	RK73H2ATTD1203F										
		SEI	RMCF-1/10-120K-1%-TR										
1	7000278	0.1UF 10V 10% 0402 X5R	12/17/2013	211.000000	U	EA	0	N	0	CAP	1	B	
		CB1-CB15,CB18-CB21,CB23-CB35,CB37-CB40,CB42,CB43,CB45-CB47,CB51-CB55,CB57,CB60,CB62-CB69,CB71,CB73,CB74,CB76-CB78,CB81-CB83,CB85-CB89,CB95,CB97-CB99,CB101-CB103,CB106-CB108,CB113,CB117,CB120,CB123-CB126,CB133-CB135,CB137,CB139,CB141,CB149,CB153,CB155,CB161,CB163,CB166,CB168,CB170,CB171,CB180,CB183-CB186,CB188-CB198,CB201,CB206-CB209,CB211-CB214,CB220-CB223,CB230,CB231,CB234-CB236,CB244,CB246-CB250,CB253,CB254,CB259,CB260,CB263-CB265,CB270,CB276-CB282,CB292,CB293,CB295,CB298,CB299,CB301,CB302,CB304-CB306,CB323,CB325,CB326,CB333,CB900,CT10,CT21,CT22,CT24-CT26,CT28,CT29,CT3,CT30,CT32,CT34,CT38-CT41,CT53,CT55-CT60,CT62,CT64,CT65,CT68,CT7,CT74,CT75,CT78,CT8,CT80-CT84,CT86,CT9											
		AVX	0402ZD104KAT2A										
		PANASONIC	ECJ0EB1A104K										
		KOA	X7R0402CTTD104J										
1	7000280	10K 1/16W 5% 0402	12/17/2013	26.000000	U	EA	0	N	0	RES	1	B	
		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	12/17/2013	36.000000	U	EA	0	N	0	RES	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 #
		RT24,RT25,RT47,RT48,RT54,RT55,RT59,RT60,RT68,RT70,RT72-RT74,RT76,RT79,RT83- RT87,RT90,RT92,RT94,RT100,RT102,RT103,RT105,RT108,RT110,RT111,RT114,RT143,R B144,RT165,RT169,RT170											
		DIGI-KEY	541-4.7KJTR-ND										
		VISHAY	CRCW04024K70JNED										
		PANASONIC	ERJ-2GEJ472X										
		KOA	RK73B1ELTP472J										
1	7000289	499.0 1/10W 1% 0805	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RT80 VISHAY CRCW0805499RFKEA KOA RK73H2ATDD4990F											
1	7000330	24.0 1/10W 1% 0603	12/17/2013	7.000000	U	EA	0	N	0	RES	1	B	
		RT53,RT137-RT139,RT141-RT143 DIGI-KEY 311-24.0HRTR-ND YAGEO RC0603FR-0724RL KOA RK73H1JTTD24R0F											
1	7000344	1UF 16V 10% 0603 X5R	12/17/2013	6.000000	U	EA	0	N	0	CAP	1	B	
		CT14,CT31,CT76,CT77,CB331,CB79 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											
1	7000368	330 1/10W 5% 0603	12/17/2013	7.000000	U	EA	0	N	0	RES	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 #
		RT15,RT41-RT42,RT45,RB900-RB902											
		DIG01	541-330GTR-ND										
		VISHAY	CRCW0603330RJNEA										
		PANASONIC	ERJ-3GEYJ331V										
		KOA	RK73B1JTTDD331J										
1	7000369	1M 1/10W 5% 0603	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RT149											
		VISHAY	CRCW06031M00FNEA										
		VISHAY	CRCW06031M00JNEA										
		PANASONIC	ERJ-3GEYJ105V										
		DIGI-KEY	P1.0MGTR-ND										
		KOA	RK73B1JTTDD105J										
1	7000371	0.0 1/10W 1% 0603	12/17/2013	45.000000	U	EA	0	N	0	RES	1	B	
		RT6,RT10,RT16,RT18,RT22,RT23,RT67,RT123,RT124,RT131,RB100-RB103,RB105,RB111 , RB113-RB115,RB117-RB119,RB121,RB137,RB147,RB148,RB156,RB158,RB161,RB164,RB 171,RB177,RB178,RB180,RB187,RB74,RB75,RB81,RB83,RB90,RB903,RB908,RB98,RB99, RB909											
		PHYCOMP	232270296001L										
		YAGEO	9C06031A0R00JLPFT										
		VISHAY	CRCW06030000Z0EA										
		VISHAY	CRCW06030000ZSEA										
		PANASONIC	ERJ-3GEY0R00V										
		DIGI-KEY	P0.0GTR-ND										
		KOA	RK73Z1JTTDD										
1	7000377	10.0K 1/16W 1% 0603	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RT13,RB87											
		DALE	CRCW060310K0FKEA										
		PANASONIC	ERJ-3KEF1002V										
		DIGI-KEY	P10.0KHTR-ND										
		KOA	RK73H1JTTDD1002F										
1	7000408	2.21K 1/10W 1% 0603	12/17/2013	1.000000	U	EA	0	N	0	RES	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 #
		RT21											
		DIGI-KEY	311-2.21KHRTR-ND										
		VISHAY	CRCW06032K21FKEA										
		YAGEO	RC0603FR-072K21L										
		KOA	RK73H1JTTDD2211F										
1	7000415	33.0 1/10W 1% 0603	12/17/2013	72.000000	U	EA	0	N	0	RES	1	B	
		RB1-RB24,RB30-RB53,RB140-RB142,RT12,RT132,RT134,RT14,RT147,RT20,RT32-RT35,R											
		T44,RT63-RT66,RT8,RT82,RT88,RT89,RT91,RT93											
		DIGI-KEY	311-33.0HRTR-ND										
		VISHAY	CRCW060333R0FKEA										
		YAGEO	RC0603FR-0733RL										
		KOA	RK73H1JTTDD33R0F										
1	7000444	15.0K 1/16W 1% 0603	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RT11,RT19											
		DIGI-KEY	311-15.0KHRTR-ND										
		VISHAY	CRCW060315K0FKEA										
		YAGEO	RC0603FR-0715KL										
		KOA	RK73H1JTTDD1502F										
1	7000461	10UF 10V 10% 0805 X5R	12/17/2013	32.000000	U	EA	0	N	0	CAP	1	B	
		CT11,CT35,CT54,CT63,CT71,CB142,CB150,CB181,CB187,CB199,CB200,CB202,CB203,CB											
		210,CB22,CB237,CB240,CB252,CB262,CB274,CB275,CB328,CB335,CB41,CB44,CB58,CB6											
		1,CB75,CB90,CB91,CB93,CB96											
		PANASONIC	ECJ-2FB1A106K										
		MURATA	GRM21BR61A106KE19L										
1	7000466	2.0K 1/16W 1% 0603	12/17/2013	4.000000	U	EA	0	N	0	RES	1	B	
		RB68,RB72,RB104,RB106											
		PANASONIC	ERJ-3EKF2001V										
1	7000553	5A MBRS540T3G SMC	12/17/2013	1.000000	U	EA	0	N	0	DIO	1.0	B	
		SCHOT_RECT											

*** 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 #
		DB1											
		ON SEMI	MBRS540T3G										
		DIGI-KEY	MBRS540T3GOSCT-ND										
1	7000555	15KV PGB1010603 0603 ESD SUPPRESSOR	12/17/2013	3.000000	U	EA	0	N	0	DIO	1.0	B	
		UT48-UT50											
		DIGI-KEY	F2594TR-ND										
		LITTLEFUSE	PGB1010603MR										
		LITTLEFUSE	PGB1010603NR										
1	7000556	VARISTOR V5.5MLA 30A 0603 TRANSIENT PROTECTION	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		DT10											
		DIGI-KEY	F2214TR-ND										
		LITTLEFUSE	V5.5MLA0603										
		LITTLEFUSE	V5.5MLA0603H										
1	7000557	PTC 0.5A 1206 OVERCURRENT PROTECTION	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		UB5											
		LITTLEFUSE	1206L050-C										
		LITTLE FUSE	1206L050YR										
		DIGI-KEY	F2112TR-ND										
1	7000567	47.0K 1/16W 1% 0402	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RB205											
		ROHM	MCR01MZPF4702										
		DIGI-KEY	RHM47.0KLCT-ND										
		DIGI-KEY	RHM47.0KLTR-ND										
1	7000571	1.0K 1/16W 1% 0402	12/17/2013	4.000000	U	EA	0	N	0	RES	1	B	
		RB88,RB97,RB120,RB906											
		PANASONIC	ERJ-2RKF1001X										
		DIGI-KEY	P1.00KLCT-ND										
		DIGI-KEY	P1.00KLTR-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	7000590	100K 1/16W 5% 0402	12/17/2013	17.000000	U	EA	0	N	0	RES	1	B	
		RT9,RT17,RT31,RT37,RT51,RT133,RB107,RB108,RB131,RB134-RB136,RB159,RB160,RB181,RB182,RB204											
		DIGI-KEY	541-100KJCT-ND										
		DIGI-KEY	541-100KJTR-ND										
		VISHAY	CRCW0402100KJNED										

1	7000607	2.2UF 25V 10% 0805 X7R	12/17/2013	4.000000	U	EA	0	N	0	CAP	1	B	
		X7R											
		CT37,CT44,CB332,CB334											
		DIGI KEY	445-6860-2-ND										
		DIGI-KEY	490-3331-1-ND										
		DIGI-KEY	490-3331-2-ND										
		TDK	C2012X7R1E225K										
		MURATA	GRM21BR71E225KA73L										

1	7000614	22UF 16V 10% 1210 X5R	12/17/2013	6.000000	U	EA	0	N	0	CAP	1	B	
		X5R											
		CT6,CT15,CT17,CB36,CB48,CB56											
		AVX	1210YD226KAT2A										
		DIGI-KEY	478-1630-1-ND										
		DIGI-KEY	478-1630-2-ND										
		YAIYO YUDEN	EMK325BJ226KM-T										
		DIGI-KEY	EMK325BJ226KM-T-ND										

1	7000650	40K 1/16W 0.1% 0402	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RB199											
		STACKPOLE	RNC 10 T9 40K 0.1% R										
		DIGI-KEY	RNC10T940K0.1%R-ND										

1	7000659	18PF 50V 5% 0402 NP0	12/17/2013	6.000000	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 #
		CT72,CT73,CB271,CB290,CB327,CB330											
		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		12/17/2013	4.000000	U	EA	0	N	0	1.0	B	
										RNS			
		RAT23,RAT24,RAT27,RAT28											
		PANASONIC	EXB-2HV330JV										
		DIGI-KEY	Y1330TR-ND										
1	7000661	33 1/32W 5% RNS005 SERIES		12/17/2013	17.000000	U	EA	0	N	0	1.0	B	
										RNS			
		RAT1-RAT10,RAT25,RAT26,RAB1-RAB5											
		PANASONIC	EXB-28V330JX										
		DIGI-KEY	Y7330CT-ND										
		DIGI-KEY	Y7330TR-ND										
1	7000662	51.1 1/16W 1% 0402		12/17/2013	6.000000	U	EA	0	N	0	1	B	
										RES			
		RT144-RT146,RB196-RB198											
		DIGI-KEY	541-51.1LCT-ND										
		DIGI-KEY	541-51.1LTR-ND										
		VISHAY	CRCW040251R1FKED										
		PANASONIC	ERJ-2RKF51R1X										
		DIGI-KEY	P51.1LCT-ND										
1	7000663	0.01UF 25V 10% 0402 X7R X7R		12/17/2013	42.000000	U	EA	0	N	0	1	B	
										CAP			

*** 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 #
		CB49,CB100,CB104,CB105,CB112,CB114,CB118,CB122,CB127-CB129,CB132,CB136,CB138,CB140,CB143,CB144,CB147,CB148,CB154,CB156-CB160,CB162,CB182,CB204,CB215,CB218,CB225,CB243,CB258,CB268,CB269,CB284,CB307,CB324,CB329,CB336,CT61,CT67 DIGI-KEY 399-1278-1-ND KEMET C0402C103K3RACTU PANASONIC ECJ-0EB1E103K DIGI-KEY PCC2270CT-ND											
1	7000664	30.0K 1/10W 1% 0603	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RB190,RB200 DIGI-KEY 311-30.0KHRTR-ND YAGEO RC0603FR-0730KL											
1	7000679	100.0 1/16W 1% 0402	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RT118,RT119 DIGI-KEY 541-100LCT-ND DIG01 541-100LTR-ND VISHAY CRCW0402100RFKED ROHM MCR01MZPF1000 DIGI-KEY RHM100LCT-ND											
1	7000683	1000PF 50V 5% 0402 NPO	12/17/2013	6.000000	U	EA	0	N	0	CAP	1	B	
		CT1,CT2,CT12,CT23,CT79,CT85 DIGI-KEY 490-3244-1-ND DIGI-KEY 490-3244-2-ND MURATA GRM1555C1H102JA01D											
1	7000701	20.0K 1/16W 1% 0402	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RB71 VISHAY CRCW040220K0FKED PANASONIC ERJ-2RK2F2002X DIGI-KEY P20.0KLTR-ND											
1	7000718	30A GSOT05 SOT23-3 ESD SUPPRESSOR-5V	12/17/2013	1.000000	U	EA	0	N	0	DIO	1.0	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 #
		UT6											
		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	12/17/2013	7.000000	U	EA	0	N	0	RES	1	B	
		RB65,RB67,RB89,RB110,RB191-RB193											
		PANASONIC	ERJ-3EKF2200V										
		DIGI-KEY	P220HTR-ND										
1	7000750	4700PF 2A FIL_NFE61PT FILTER LC HIGH FREQ	12/17/2013	19.000000	U	EA	0	N	0	FER	1.0	B	
		FB1-FB3,FB5,FB7,FB10,FB20-FB22,FB26,FB28,FB29,FB31-FB35,FB37,FT3											
		DIGI KEY	490-2554-2-ND										
		MURATA	NFE61PT472C1H9L										
1	7000754	75 1/16W 5% RESCAV_YC164-8 SERIES	12/17/2013	12.000000	U	EA	0	N	0	RNS	1.0	B	
		RAT11-RAT22											
		YAGEO	YC164-JR-0775RL										
		DIGI KEY	YC164J-75TR-ND										
1	7000755	5A RCLAMP0524 DIO_RCLAMP0524 TVS ARRAY_4	12/17/2013	4.000000	U	EA	0	N	0	DIO	1.0	B	
		UT11,UT13,UT46,UT47											
		SEMTECH	RCLAMP0524P.TCT										
		DIGI KEY	RCLAMP0524PTR-ND										
1	7000756	6A RCLAMP0504 DIO_RCLAMP0504 TVS ARRAY_4	12/17/2013	2.000000	U	EA	0	N	0	DIO	1.0	B	
		UT9,UT45											
		SEMTECH	RCLAMP0504P.TCT										
		DIGI KEY	RCLAMP0504PTR-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	7000807	499.0 1/10W 1% 0402	12/17/2013	1.000000	U	EA	0	N	0	RES	1	B	
		RB122											
		PANASONIC	ERJ-2RKF4990X										
		DIGI KEY	P499LTR-ND										
1	7000808	47 1/16W 5% 0402 ZZZ 0402	12/17/2013	8.000000	U	EA	0	N	0	RES	1	B	
		RB84,RB85,RB91-RB96											
		STACKPOLE	RMCF0402JT47R0										
		DIGI KEY	RMCF0402JT47R0TR-ND										
1	7000876	220UF 10V 20% ZZZ SMD	12/17/2013	1.000000	U	EA	0	N	0	CAP	1	B	
		CT13											
		Panasonic	EEE-FK1A221P										
		DIGIKEY	PCE3775TR-ND										
1	7000893	4.12K 1/10W 1% 0402	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RB109,RB123											
		PANASONIC	ERJ-2RKF4121X										
		DIGI KEY	P4.12KLCT-ND										
1	7000939	1UH 30% ZZZ IND0XX	12/17/2013	1.000000	U	EA	0	N	0	IND	1.0	B	
		LT3											
		COILCRAFT	MSS1038-102NL										
		COILCRAFT	MSS1038-102NLC										
1	7000997	0.15uH 10% ZZZ 0603	12/17/2013	1.000000	U	EA	0	N	0	IND	1.0	B	
		FB4											
		DIG01	445-1005-2-ND										
		TDK	MLF1608DR15K										
1	7001030	3.8uH 30% ZZZ 10.0X10.2MM	12/17/2013	1.000000	U	EA	0	N	0	IND	1.0	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 #
		LT4											
		Coilcraft	MSS1038-382NLB										
		Coilcraft	MSS1038-382NLC										
1	7001073	470.0 1/16W 1% 0402 ZZZ 0402	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RB904,RB905											
		Panasonic	ERJ-2RKF4700X										
		DIGI-KEY	P470LTR-ND										
1	7001282	169.0 1/10W 1% 0603 ZZZ 0603	12/17/2013	2.000000	U	EA	0	N	0	RES	1	B	
		RB112,RB116											
		PANASONIC	ERJ-3EKF1690V										
		DIGIKEY	P169HTR-ND										
1	7001294	? 34836 ZZZ TSOP IR Receiver Module	12/17/2013	1.000000	U	EA	0	N	0	DIO	1.0	B	
		UT51											
		VISHAY	TSOP34836										
1	7001316	1.0UF 10V 10% 0805 ZZZ 0805	12/17/2013	11.000000	U	EA	0	N	0	CAP	1	B	
		FB8,FB9,FB11-FB19											
		MURATA	NFM21PC105B1A3D										
		DIGIKEY	NFM21PC105B1A3D-ND										
1	7001318	.008OHM 6A ZZZ 0805	12/17/2013	1.000000	U	EA	0	N	0	FER	1.0	B	
		FB6											
		MOUSER	710-742792021										
		WURTH ELECTRONI	742792021										
1	7001319	47UF 6.3V 20% 0805 X5R X5R	12/17/2013	38.000000	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 #
		CB16,CB50,CB59,CB70,CB72,CB80,CB84,CB92,CB94,CB109-CB111,CB115,CB116,CB119, CB121,CB130,CB131,CB145,CB146,CB151,CB152,CB164,CB165,CB167,CB169,CB173-CB1 78,CT16,CT19,CT27,CT33,CT36,CT43 DIGIKEY 587-1779-2-ND TAIYO YUDEN JMK212BJ476MG-T											
1	7001320	0.12UF 50V 5% 1812 NPO ZZZ NPO 1812	12/17/2013	2.000000	U	EA	0	N	0	CAP	1	B	
		CT45,CT46 DIGIKEY 399-5359-2-ND KEMET C1812C124J5GACTU											
1	7001323	2200PF 50V 10% 0402 X7R ZZZ X7R 0402	12/17/2013	2.000000	U	EA	0	N	0	CAP	1	B	
		CT47,CB172 DIGIKEY 490-1305-2-ND MURATA GRM155R71H222KA01D TAIYO YUDEN UMK105B7222KV-F											
1	7001325	33PF 50V 5% 0402 NPO ZZZ NPO 0402	12/17/2013	2.000000	U	EA	0	N	0	CAP	1	B	
		CT48,CT49 DIGIKEY 587-1205-2-ND TAIYO YUDEN UMK105CG330JV-F											
1	A0416-2013	ADV800X-SMZ PCB		1.000000	U	EA	0	N	0	PCB	0.2	B	