

**\* 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 #

AA0247-2010

**ADV7612-7511P BOARD**

**ASSM                      1.1                      A**

DNP  
R3,R58,R60,R62,R76,R85-86,R94-96,R101,R114,R119  
R16-17,R20-26,R31-37,R42,R45,R48-49,R55-57,R59,R61,  
R63-72,R74,R79,R90,R104-105  
C24,C41,C143  
MH1-4

J5: All odd-even pin pairs get a jumper  
18 total

J6: All odd-even pin pairs get a jumper  
18 total

J3: Jumpers are only applied to (5 total):  
1-2  
9-10  
13-14  
17-18  
25-26

J4: 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 J7.

Place one of the 5000035 rubber feet in each of the corners on the bottom  
of the board.

place a part number sticker "AA0247-2010" on the back of the board to help  
identify it.

1000484

25MHZ OSC013	1.000000	U	EA	0	N	0		1.0	B
CRYSTAL FUNDAMENTAL 18PF						OSC			

1

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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 #
		U15											
		DIGI-KEY (R)	535-9140-1-ND										
		DIGI-KEY (R)	535-9140-2-ND										
		ABRACON (R)	ABM8-25.000MHZ-B2-T										
1	1000485	24MHZ OSC013 CRYSTAL FUNDAMENTAL 18PF		1.000000	U	EA	0	N	0	OSC	1.0	B	
		U19											
		DIGI-KEY (R)	535-9138-1-ND										
		DIGI-KEY (R)	535-9138-2-ND										
		ABRACON (R)	ABM8-24.000MHZ-B2-T										
1	1000522	MT48H16M16 VFBGA54_80x90 512MB SDRAM 1.8V		1.000000	U	EA	0	N	0	ICS	1.0	B	
		U16											
		MICRON (R)	MT48H16M16LFBF-6:H										
		MICRON (R)	MT48H32M16LFB4-75 IT:C										
1	1000595	24LCS22A ZZZ 2K SERIAL EEPROM		2.000000	U	EA	0	N	0	ICS	1.0	B	
		U34-35											
		MICROCHIP (R)	24LCS22A-I/SN										
		DIGI KEY	24LCS22A-I/SN-ND										
1	1000596	NC7SZ125M5X ZZZ SINGLE 3 STATE BUFFER		3.000000	U	EA	0	N	0	ICS	1.0	B	
		U8,U21-22											
		FAIRCHILD	NC7SZ125M5X										
		DIGI KEY	NC7SZ125M5XTR-ND										
1	1000599	28.6363MHZ OSCJ850P1140X470-4 CRYSTAL FUNDAMENTAL 18PF		1.000000	U	EA	0	N	0	OSC	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 #
		Y2											
		DIGI KEY	300-8572-1-ND										
		DIGIKEY	300-8572-2-ND										
		CITIZEN	HCM49 28.63636MABJ-UT										
	1000600												
1		12MHZ OSC015 OSCILLATOR 1.8V		1.000000	U	EA	0	N	0	OSC	1.0	B	
		Y1											
		DIGI KEY	535-9413-2-ND										
		ABRACON (R)	ASFL3-12.000MHZ-EK-T										
	1000621												
1		AA0247 M25P80 U10 1000544		1.000000	U	EA	0	N	0	PRG	1.2	A	
		U10											
	30-025524-02												
1		ADSP-BF524BBCZ-3A BGA208 300MHZ 17MM		1.000000	U	EA	0	N	0	DSP	0.2	B	
		U14											
		ADI (R)	ADSP-BF524BBCZ-3A										
	30-025764-01												
1		ADP1715 MSOP8 ADJ 500MA REGULATOR		1.000000	U	EA	0	N	0	ICS	1.0	B	
		U20											
		ADI (R)	ADP1715ARMZ-R7										
		ANALOG DEVICES	ADP1715ARMZ-R7										
		DIGI-KEY	ADP1715ARMZ-R7CT-ND										

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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	30-025775-01	ADM13305-4 SOIC8 VOLTAGE SUPERVISOR 3.3V ADJ U23		1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADI (R)	ADM13305-4ARZ										
		ADI (R)	ADM13305-4ARZRL7										
-----													
1	30-025783-01	ADM1385ARSZ SSOP20 RS232 W/SHUTDOWN U12		1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADI (R)	ADM1385ARSZ										
		ADI (R)	ADM1385ARSZ-REEL										
		ADI (R)	ADM1385ARSZ-REEL7										
-----													
1	30-025786-01	ADP1715 MSOP8 1.8V regulator U18		1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADI (R)	ADP1715ARMZ-1.8-R7										
-----													
1	30-025805-01	ADP1715 MSOP8 3.3V REGULATOR 500MA U17		1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADI (R)	ADP1715ARMZ-3.3-R7										
-----													
1	30-025865-01	ADP123AUJZ TSOT5 0.8V-5V 300MA REGULATOR		5.000000	U	EA	0	N	0	ICS	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

U1-2,U11,U36-37

ADI (R) ADP123AUJZ-R7

1	30-025888-01	ADV7511KSTZ LQFP100 HDMI TX W/KEYS U9		1.000000	U	EA	0	N	0	ICS	1.0	B	
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ADI (R) ADV7511KSTZ

1	30-025955-01	ADV7612BSWZ-P ZZZ HDMI RX W/O KEYS U13		1.000000	U	EA	0	N	0	ICS	1.0	B	
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ADI (R) ADV7612BSWZ-P

1	5000035	RUBBER FOOT BLACK MOUSER	12/9/2010	4.000000	U	EA	0	N	0	2010070 MSC	1.0	B	
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ADI (R) ADV7612BSWZ-P

1	6000761	DB9 9PIN CON038 VERTICAL P1		1.000000	U	EA	0	N	0	CON	1.0	B	
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- NORCOMP (R) 191-009-213-L-571
- NORCOMP (R) 191-009-213-L-591
- NORCOMP (R) 191-009-213L571
- DIGI-KEY (R) 191-009-213L571-ND
- DIGI-KEY (R) 191-009-213L591-ND

1	6000794	IDC 2PIN_JUMPER_SHORT NO TAB		54.000000	U	EA	0	N	0	MSC	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 #
		SJ1-54											
		DIGI-KEY (R)	S9001-ND										
		SULLINS CO (R)	SPC02SYAN										
-----													
1	6000803	PWR .65MM CON045		1.000000	U	EA	0	N	0		1.0	B	
		TH								CON			
		J2											
		CUI INC (R)	045-0883R										
		DIGI-KEY (R)	CP1-023-ND										
		CUI INC (R)	PJ1-023										
-----													
1	6000828	USB_MINI-AB 5PIN CON052		1.000000	U	EA	0	N	0		1.0	B	
		USB OTG CONN								CON			
		P2											
		MOLEX (R)	56579-0576										
		DIGI-KEY	WM17122CT-ND										
		DIGI-KEY	WM17122TR-ND										
-----													
1	6000832	MOMENTARY SWT024		1.000000	U	EA	0	N	0		1.0	B	
		DON'T USE! USE 6003675								SWT			
		SW1											
		PANASONIC (R)	EVQ-Q2K03W										
		DIGI-KEY (R)	P12943SCT-ND										
		DIGI-KEY (R)	P12943STR-ND										
-----													
1	6000859	IDC 7x2 IDC7x2_SMTA		1.000000	U	EA	0	N	0		1.0	B	
		HEADER W/ALIGNMENT								CON			

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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 #

J7

SAMTEC (R) TSM-107-01-T-DV-A

1 6000871

IDC 3X1 IDC3X1\_SMT 4.000000 U EA 0 N 0 1.0 B  
 HEADER CON  
 JP1-4

SAMTEC (R) TSM-103-01-T-SV

1 6000887

IDC 18X2 IDC18X2\_M\_SMT 4.000000 U EA 0 N 0 1.0 B  
 HEADER CON  
 J3-6

SAMTEC (R) TSM-118-01-T-DV

1 6000908

HDMI 19P FCI\_10029449-002TLF 3.000000 U EA 0 N 0 1.0 B  
 HDMI RECEPTACLE CON  
 J1,J8-9

FCI 10029449-002LF  
 FCI 10029449-002TLF  
 DIGI KEY 609-1011-ND

1 7000117

600 500MA 1206 3.000000 U EA 0 N 0 1.0 B  
 FER

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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 #
		L1-2,L9											
		LAIRD TECH	HZ1206B601R-10										
		STEWART (R)	HZ1206B601R-10										
		DIGI-KEY (R)	HZ1206E601R-10										
1	7000232	190 5A FER002		1.000000	U	EA	0	N	0	FER	1.0	B	
		F1											
		MURATA (R)	DLW5BSN191SQ2										
		MURATA (R)	DLW5BSN191SQ2L										
1	7000237	GREEN LED009		3.000000	U	EA	0	N	0	LED	1.0	B	
		D1-3											
		DIGI-KEY	160-1169-1-ND										
		DIGI-KEY	160-1169-2-ND										
		LITE-ON	LTST-C150GKT										
1	7000242	120.0K 1/10W 1% 0805		1.000000	U	EA	0	N	0	RES	1	B	
		R112											
		DIG01	541-120KCCT-ND										
		VISHAY (R)	CRCW0805120KFKEA										
		KOA (R)	RK73H2ATTD1203F										
		SEI (R)	RMCF-1/10-120K-1%-TR										
1	7000243	10UH 10% 1008		5.000000	U	EA	0	N	0	IND	1.0	B	



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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

L3-5,L7-8

PANASONIC ELJ-FC100KF  
 DIGI-KEY PCD1073CT-ND  
 DIGI-KEY PCD1073TR-ND

1	7000256	42 4A 0805		1.000000	U	EA	0	N	0	FER	1.0	B	
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L6

DIGI-KEY 587-1768-2-ND  
 TAIYO YUDEN FB MJ2125HS420-T  
 TAIYO YUDEN FBMJ2125HS420-T

1	7000273	76.8K 1/10W 1% 0805		1.000000	U	EA	0	N	0	RES	1	B	
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R84

DIGI-KEY 311-76.8KCRTR-ND  
 YAGEO (R) RC0805FR-0776K8L  
 KOA (R) RK73H2ATDD7682F

1	7000278	0.1UF 10V 10% 0402 X5R		55.000000	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 #

C6,C10-12,C18,C27-29,C31,C35,C38-40,C43,C49-50,C56,C61,C63,C71-74,C77-79,C81,C83-84,C87-89,C98-103,C106,C108,C111-112,C114,C117-120,C122,C124-126,C132-133,C144,C146

AVX CORPOR (R) 0402ZD104KAT2A  
 KOA (R) X7R0402CTTD104J

1	7000280	10K 1/16W 5% 0402		13.000000	U	EA	0	N	0		1	B	
										RES			
		R1,R9-13,R27,R43,R99,R107,R109-111											

VISHAY (R) CRCW040210K0FKED  
 VISHAY (R) CRCW040210K0JNED  
 PANASONIC (R) ERJ-2GEJ103X  
 NIC COMPON (R) NRC04J103TRF  
 DIGI-KEY (R) P10KJTR-ND  
 YAGEO (R) RC0402JR-0710KL

1	7000281	4.7K 1/16W 5% 0402		10.000000	U	EA	0	N	0		1	B	
										RES			
		R6,R14-15,R46-47,R51,R54,R91,R102-103											

DIGI-KEY (R) 541-4.7KJTR-ND  
 VISHAY (R) CRCW04024K70JNED  
 PANASONIC (R) ERJ-2GEJ472X  
 KOA (R) RK73B1ELTP472J

1	7000330	24.0 1/10W 1% 0603		1.000000	U	EA	0	N	0		1	B	
										RES			

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R52											
		DIGI-KEY	311-24.0HRTR-ND										
		YAGEO (R)	RC0603FR-0724RL										
		KOA (R)	RK73H1JTDD24R0F										
	7000344												
1		1UF 16V 10% 0603 X5R		15.000000	U	EA	0	N	0	CAP	1	B	
		C2-3,C13-14,C20-23,C33-34,C53-54,C116,C136,C141											
		DIGI-KEY (R)	399-5090-2-ND										
		KEMET (R)	C0603C105K4PACTU										
		TDK	C1608X5R1C105K080AA										
		TAIYO YUDE (R)	EMK107BJ105KA-T										
		MURATA (R)	GRM185R61C105KE44D										
		AVX CORPOR (R)	LT03YD105KAT2S										
		KOA (R)	Y5V0603ATTD105Z										
	7000369												
1		1M 1/10W 5% 0603		1.000000	U	EA	0	N	0	RES	1	B	
		R87											
		VISHAY (R)	CRCW06031M00JNEA										
		PANASONIC (R)	ERJ-3GEYJ105V										
		DIGI-KEY (R)	P1.0MGTR-ND										
		KOA (R)	RK73B1JTDD105J										
	7000371												
1		0.0 1/10W 1% 0603		7.000000	U	EA	0	N	0	RES	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

R7,R39-41,R82,R123,R125

- PHYCOMP (R) 232270296001L
- YAGEO (R) 9C06031A0R00JLPFT
- VISHAY (R) CRCW06030000Z0EA
- VISHAY (R) CRCW06030000ZSEA
- PANASONIC (R) ERJ-3GEY0R00V
- DIGI-KEY (R) P0.0GTR-ND
- KOA (R) RK73Z1JTDD

1	7000375	130.0K 1/16W 1% 0603		2.000000	U	EA	0	N	0	RES	1	B	
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R38,R89

- VISHAY (R) CRCW0603130KFKEA
- PANASONIC (R) ERJ-3EKF1303V
- DIGI-KEY (R) P130KHTR-ND
- KOA (R) RK73H1JTDD1303F
- KOA (R) RK73H1JTDD1303F

1	7000395	49.9K 1/10W 1% 0603		2.000000	U	EA	0	N	0	RES	1	B	
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R4,R5

- DIGI-KEY (R) 311-49.9KHRTR-ND
- YAGEO (R) RC0603FR-0749K9L
- KOA (R) RK73H1JTDD4992F
- KOA (R) RK73H1JTDD4992F

1	7000415	33.0 1/10W 1% 0603		9.000000	U	EA	0	N	0	RES	1	B	
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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

R18-19,R28-30,R44,R50,R53,R73

DIGI-KEY 311-33.0HRTR-ND  
 VISHAY (R) CRCW060333R0FKEA  
 YAGEO (R) RC0603FR-0733RL  
 KOA (R) RK73H1JTTDD33R0F

1	7000461	10UF 10V 10% 0805 X5R		21.000000	U	EA	0	N	0	CAP	1	B	
		C5,C9,C15,C17,C25,C44-45,C51,C55,C57-58,C60,C64,C69,C75,C86,C127,C131,C134,C137,C151											

MURATA (R) GRM21BR61A106KE19L

1	7000466	2.0K 1/16W 1% 0603		3.000000	U	EA	0	N	0	RES	1	B	
		R8,R93,R100											

PANASONIC (R) ERJ-3EKF2001V

1	7000539	18K 1/16W 5% 0402		1.000000	U	EA	0	N	0	RES	1	B	
		R122											

DIGI-KEY (R) 311-18KJRCT-ND  
 YAGEO (R) RC0402JR-0718KL  
 KOA (R) RK73B1ETTP183J

1	7000553	5A MBRS540T3G SMC SCHOT_RECT		1.000000	U	EA	0	N	0	DIO	1.0	B	
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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #

D6

ON SEMICON (R) MBRS540T3G  
 DIGI-KEY (R) MBRS540T3GOSCT-ND

7000555

15KV PGB1010603 0603 3.000000 U EA 0 N 0 1.0 B  
 ESD SUPPRESSOR DIO  
 U30-31,U33

DIGI-KEY (R) F2594TR-ND  
 LITTELFUSE (R) PGB1010603MR  
 LITTELFUSE (R) PGB1010603NR

7000556

VARISTOR V5.5MLA 30A 0603 2.000000 U EA 0 N 0 1 B  
 TRANSIENT PROTECTION RES  
 D4-5

DIGI-KEY (R) F2214TR-ND  
 LITTELFUSE (R) V5.5MLA0603  
 LITTELFUSE (R) V5.5MLA0603H

7000557

PTC 0.5A 1206 1.000000 U EA 0 N 0 1 B  
 OVERCURRENT PROTECTION RES  
 U38

LITTELFUSE (R) 1206L050-C  
 LITTELFUSE (R) 1206L050YR  
 DIGI-KEY (R) F2112TR-ND

7000566

33.0K 1/16W 1% 0402 1.000000 U EA 0 N 0 1 B  
 RES

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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 #
		R77											
		ROHM	MCR01MZPF3302										
		DIGI-KEY	RHM33.0KLCT-ND										
		DIGI-KEY	RHM33.0KLTR-ND										
1	7000567	47.0K 1/16W 1% 0402		2.000000	U	EA	0	N	0	RES	1		B
		R113,R118											
		ROHM	MCR01MZPF4702										
		DIGI-KEY	RHM47.0KLCT-ND										
		DIGI-KEY	RHM47.0KLTR-ND										
1	7000571	1.0K 1/16W 1% 0402		2.000000	U	EA	0	N	0	RES	1		B
		R120-121											
		PANASONIC (R)	ERJ-2RKF1001X										
		DIGI-KEY (R)	P1.00KLCT-ND										
		DIGI-KEY (R)	P1.00KLTR-ND										
1	7000590	100K 1/16W 5% 0402		3.000000	U	EA	0	N	0	RES	1		B
		R75,R78,R83											
		DIGI-KEY (R)	541-100KJCT-ND										
		DIGI-KEY (R)	541-100KJTR-ND										
		VISHAY (R)	CRCW0402100KJNED										
1	7000607	2.2UF 25V 10% 0805 X7R X7R		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 #

C19,C95,C115,C130,C140,C142

DIGI-KEY (R) 445-6860-2-ND  
 DIGI-KEY (R) 490-3331-1-ND  
 DIGI-KEY (R) 490-3331-2-ND  
 TDK (R) C2012X7R1E225K  
 MURATA (R) GRM21BR71E225KA73L

1	7000650	40K 1/16W 0.1% 0402		1.000000	U	EA	0	N	0	RES	1	B	
		R116											

STACKPOLE (R) RNC 10 T9 40K 0.1% R  
 DIGI-KEY RNC10T940K0.1%R-ND

1	7000651	50K 1/16W 0.5% 0402		2.000000	U	EA	0	N	0	RES	1	B	
		R2,R108											

STACKPOLE (R) RNC 10 T9 50K 0.5% I  
 SUSUMU RR0510P-4992-D  
 DIGIKEY RR05P49.9KDCT-ND

1	7000659	18PF 50V 5% 0402 NP0		6.000000	U	EA	0	N	0	CAP	1	B	
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**\* 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 #

C82,C93-94,C110,C135,C139

AVX CORPOR (R) 04025A180JAT2A  
 DIGI-KEY (R) 478-1073-1-ND  
 DIGI-KEY (R) 478-1073-2-ND  
 DIGI-KEY (R) 490-1281-1-ND  
 DIGI-KEY (R) 490-1281-2-ND  
 DIGI-KEY (R) 587-1950-2-ND  
 Murata GRM1555C1H180JA01D  
 MURATA (R) GRM1555C1H180JZ01D  
 TAIYO YUDE (R) UMK105CG180JV-F

1	7000660	33 1/16W 5% RNS003 SERIES		4.000000	U	EA	0	N	0	RNS	1.0	B	
		RA3-4,RA7-8											

PANASONIC (R) EXB-2HV330JV  
 DIGI-KEY (R) Y1330TR-ND

1	7000661	33 1/32W 5% RNS005 SERIES		2.000000	U	EA	0	N	0	RNS	1.0	B	
		RA5-6											

PANASONIC (R) EXB-28V330JX  
 DIGI-KEY (R) Y7330CT-ND  
 DIGI-KEY (R) Y7330TR-ND

1	7000663	0.01UF 25V 10% 0402 X7R X7R		42.000000	U	EA	0	N	0	CAP	1	B	
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**\* 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 #

C7-8,C16,C26,C30,C32,C36-37,C42,C46-48,C52,C59,C62,C65-68,C70,C76,C80,C85,C90-92,C96-97,C104-105,C107,C109,C113,C121,C123,C128-129,C138,C145,C147-148,C152

DIGI-KEY (R) 399-1278-1-ND  
 KEMET (R) C0402C103K3RACTU

1 7000664 30.0K 1/10W 1% 0603 2.000000 U EA 0 N 0 RES 1 B  
 R115,R117

DIGI-KEY 311-30.0KHRTR-ND  
 YAGEO (R) RC0603FR-0730KL

1 7000677 27K 1/16W 5% 0402 2.000000 U EA 0 N 0 RES 1 B  
 R92,R124

PANASONIC (R) ERJ-2GEJ273X  
 DIGI-KEY P27KJCT-ND  
 DIGI-KEY P27KJTR-ND

1 7000683 1000PF 50V 5% 0402 NPO 4.000000 U EA 0 N 0 CAP 1 B  
 NPO

**\* 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 #
		C1,C4,C149-150											
		DIGI-KEY (R)	490-3244-1-ND										
		DIGI-KEY (R)	490-3244-2-ND										
		MURATA (R)	GRM1555C1H102JA01D										
	7000718	-----											
1		30A GSOT05 SOT23-3 ESD SUPPRESSOR-5V U7		1.000000	U	EA	0	N	0	DIO	1.0		B
		DIGI-KEY (R)	751-1416-1-ND										
		DIGI-KEY (R)	751-1416-2-ND										
		VISHAY (R)	GSOT05-E3-08										
		DIGI-KEY (R)	GSOT05-E3-08TR-ND										
	7000724	-----											
1		220.0 1/10W 1% 0603 R80-81,R97		3.000000	U	EA	0	N	0	RES	1		B
		PANASONIC (R)	ERJ-3EKF2200V										
		DIGI-KEY (R)	P220HTR-ND										
	7000750	-----											
1		4700PF 2A FIL_NFE61PT FILTER LC HIGH FREQ F2-15		14.000000	U	EA	0	N	0	FER	1.0		B
		DIGI-KEY (R)	490-2554-2-ND										
		MURATA (R)	NFE61PT472C1H9L										
	7000752	-----											
1		56K 1/10W 5% 0603		2.000000	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 #
		R88,R106											
		PANASONIC (R) DIGI KEY	ERJ-3GEYJ563V P56KGTR-ND										
1	7000753	887.0 1/10W 1% 0603		1.000000	U	EA	0	N	0	RES	1		B
		R98											
		DIGIKEY YAGEO (R)	311-887HRTR-ND RC0603FR-07887RL										
1	7000754	75 1/16W 5% RESCAV_YC164-8 SERIES		11.000000	U	EA	0	N	0	RNS	1.0		B
		RA1-2,RA9-17											
		YAGEO (R) DIGI KEY	YC164-JR-0775RL YC164J-75TR-ND										
1	7000755	5A RCLAMP0524 DIO_RCLAMP0524 TVS ARRAY_4		7.000000	U	EA	0	N	0	DIO	1.0		B
		U3-5,U25-26,U28-29											
		SEMTECH DIGI KEY	RCLAMP0524P.TCT RCLAMP0524PTR-ND										
1	7000756	6A RCLAMP0504 DIO_RCLAMP0504 TVS ARRAY_4		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 #
		U24,U27											
		SEMTECH	RCLAMP0504P.TCT										
		DIGI KEY	RCLAMP0504PTR-ND										
	7000757												
1		30MA DB3X314 DIO_DB3X314		2.000000	U	EA	0	N	0		1.0	B	
		SCHOTTKY								DIO			
		U6,U32											
		PANASONIC	DB3X314K0L										
		DIGI KEY	DB3X314K0LTR-ND										
		PANASONIC	MA3X704A0L										
		DIGI KEY	MA3X704A0LTR-ND										
	A0246-2010												
1		PRO AV ADV7612 PCB		1.000000	U	EA	0	N	0		0.1	B	
										PCB			