

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

Parent Part Identifier Range: AA0553-2013 - AA0553-2013, Effective: 10/1/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
	AA0553-2013	DYNO1-EBZ BOARD								ASSM	1.0	A	
		DNP R14-R16											
1	1001178	20A 5V BI 8-SOIC ZZZ SENSOR CURRENT	10/1/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		U4,U6,U8 Allegro MicroSy ACS714ELCTR-20A-T											
1	1001179	32.768KHZ 12.5PF ZZZ CRYSTAL SMD	10/1/2013	1.000000	U	EA	0	N	0	OSC	1.0	B	
		Y1 ECS Inc ECS-.327-12.5-34B											
1	30-025251-01	ADP3335ARMZ MSOP8 3.3V 500MA	10/1/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U3 ANALOG DEVICES ADP3335ARMZ-3.3-RL ANALOG DEVICES ADP3335ARMZ-3.3RL7											
1	30-025893-01	ADUM5000ARWZ ZZZ DC/DC CONVERTER	10/1/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		U9-U11 ANALOG DEVICES ADUM5000ARWZ ANALOG DEVICES ADUM5000ARWZ-RL											
1	30-026052-01	ADUM3223ARZ ZZZ	10/1/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		U2,U5,U7 ANALOG DEVICES ADUM3223ARZ											
1	30-026340-01	IRLR3110ZPBF ZZZ	10/1/2013	6.000000	U	EA	0	N	0	ICS	1.0	B	
		Q1-Q6 Analog Devices IRLR3110ZPBF											

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1	30-026341-01	ADUC7023BCP6Z62I ZZZ	10/1/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U1											
		Analog Devices	ADUC7023BCP6Z62I										
1	5000141	LCD Display COG GRAPHIC 128X32 ZZZ	10/1/2013	1.000000	U	EA	0	N	0	MSC	1.0	B	
		M1											
		Newhaven Displa	NHD-C12832A1Z-NSW-BBW-										
1	6000952	PWR 2.1MM_JACK ZZZ CON005	10/1/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P3											
		DIGIKEY	CP-002AHPJCT-ND										
		DIGIKEY	CP-002AHPJTR-ND										
		DIGI KEY	CP-002APJTR-ND										
		CUI	PJ-002A-SMT										
		CUI	PJ-002AH-SMT										
1	6000963	HDR 4PIN ZZZ ST MALE	10/1/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P4											
		SAMTEC	TSW-104-08-G-S										
1	6000965	SSPST ZZZ 6.60mm x 6.00mm	10/1/2013	2.000000	U	EA	0	N	0	SWT	1.0	B	
		S5,S6											
		OMRON	52F3560										
		OMRON	653-B3S-1000										
		Omron Electroni	B3S-1000										
		OMRON	SW415-ND										
		DIGIKEY	SW836TR-ND										
1	6001175	HDR 6PIN ZZZ HDR 6PIN	10/1/2013	1.000000	U	EA	0	N	0	CON	1.0	B	

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		P5 SAMTEC	TSW-106-08-G-S										
1	6001271	.100" 30POS DUAL GOLD ZZZ CONN RCPT	10/1/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P1 SAMTEC	SSW-115-01-G-D										
1	6001272	3POS 3.81MM PCB GRN ZZZ TERM BLOCK	10/1/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P2 Phoenix	1727023										
1	6001273	SPDT 0.2A GULL ZZZ SWITCH SLIDE	10/1/2013	1.000000	U	EA	0	N	0	SWT	1.0	B	
		S1 Copal Electroni	CL-SB-12B-02T										
1	6001274	SPST-NO 0.05A 12V ZZZ SWITCH TACTILE	10/1/2013	1.000000	U	EA	0	N	0	SWT	1.0	B	
		S2 C&K	PTS645SH50SMTR92										
1	6001275	SPST-NO 0.05A 12V ZZZ SWITCH TACTILE	10/1/2013	1.000000	U	EA	0	N	0	SWT	1.0	B	
		S3 C&K	PTS645SK43SMTR92										
1	6001276	SPST-NO 0.05A 12V ZZZ SWITCH TACTILE	10/1/2013	1.000000	U	EA	0	N	0	SWT	1.0	B	
		S4 C&K	PTS645SM43SMTRLFS										
1	7000143	1UF 16V 10% 0805 X7R	10/1/2013	11.000000	U	EA	0	N	0	CAP	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C1,C11,C45-C52,C61											
		DIGI KEY	399-1284-2-ND										
		KEMET	C0805C105K4RAC TU										
		KEMIT	C0805C105K4RACTU										
		PANASONIC	ECJ2FB1E105K										
		DIGI-KEY	PCC2319TR-ND										
1	7000256	42 100MHZ 4A 0805	10/1/2013	4.000000	U	EA	0	N	0	FER	1.0	B	
		E1-E4											
		DIGI-KEY	587-1768-2-ND										
		TAIYO YUDEN	FB MJ2125HS420-T										
		TAIYO YUDEN	FBMJ2125HS420-T										
1	7000377	10.0K 1/16W 1% 0603	10/1/2013	4.000000	U	EA	0	N	0	RES	1.0	B	
		R5-R8											
		DALE	CRCW060310K0FKEA										
		PANASONIC	ERJ-3EKF1002V										
		DIGI-KEY	P10.0KHTR-ND										
		KOA	RK73H1JTTDD1002F										
1	7000759	10UF 16V 10% 0805 X5R	10/1/2013	20.000000	U	EA	0	N	0	CAP	1.0	B	
		C4,C7,C8,C10,C12,C15,C20-C22,C24,C27,C30,C33,C35,C36,C39,C42,C44,C57,C59											
		DIGI KEY	490-3886-1-ND										
		DIGI KEY	490-3886-2-ND										
		MURATA	GRM21BR61C106KE15L										
1	7000801	4.7K 1/10W 1% ZZZ 0603	10/1/2013	10.000000	U	EA	0	N	0	RES	1.0	B	
		R1-R4,R10-R13,R26,R27											
		PANASONIC	ERJ-3EKF4701V										
		DIGI KEY	P4.70KHTR-ND										
1	7000818	0.1UF 16V 10% ZZZ XR7 0402	10/1/2013	23.000000	U	EA	0	N	0	CAP	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C2,C3,C5,C6,C9,C13,C16- C19,C23,C26,C28,C29,C31,C32,C34,C37,C40,C41,C43,C56,C58											
		DIGI KEY	490-3261-2-ND										
		MURATA	GRM155R71C104KA88D										
1	7000864	1.0K 1/10W 1% ZZZ 0603	10/1/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R9											
		PANASONIC	ERJ-3EKF1001V										
		DIGI KEY	P1.00KHTR-ND										
1	7000970	0.47UF 16V 10% ZZZ X7R 0603	10/1/2013	2.000000	U	EA	0	N	0	CAP	1.0	B	
		C55,C60											
		DIG01	399-4922-2-ND										
		KEMET	C0603C474K4RAC										
1	7001189	100.0 1/16W 1% ZZZ 0603	10/1/2013	3.000000	U	EA	0	N	0	RES	1.0	B	
		R23-R25											
		YAGEO	311-100HRTR-ND										
		DIGIKEY	311-100HTR-ND										
		FEC	933-0364										
		Multicomp	MC 0.063W 0603 1% 100R										
		NIC	NRC06F1000TRF										
		YAGEO	RC0603FR-07100RL										
1	7001249	1000PF 50V 10% ZZZ X7R 0603	10/1/2013	3.000000	U	EA	0	N	0	CAP	1.0	B	
		C14,C25,C38											
		DIG01	490-1494-2-ND										
		MURATA	GRM188R71H102KA01D										
1	7001821	12PF 50V 5% ZZZ 0402	10/1/2013	2.000000	U	EA	0	N	0	CAP	1.0	B	
		C53,C54											
		Murata	GRM1555C1H120JZ01D										

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1	7001823	1.8K OHM 1/10W 1% ZZZ 0603 SMD R17,R19,R21 Panasonic	10/1/2013	3.000000	U	EA	0	N	0	RES	1.0	B	
1	7001824	3.6K OHM 1/10W 1% ZZZ 0603 R18,R20,R22 Bourns	10/1/2013	3.000000	U	EA	0	N	0	RES	1.0	B	
1	A0553-2013	DYNO1-EBZ PCB		1.000000	U	EA	0	N	0	PCB		B	