

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

Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

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

## AA0419-2013

### FMC-MOTCON CONTROLLER BRD

ASSM

1.0

A

DNP:

C602,C603,C612,C613,C622,C623,R768,R769,R770,R771,  
R772,R773,R774,R775,R776,R777,R778,R779,C810,C815,  
C882  
JP100  
R101,R102

JUMPER:

J703 ON  
JP104 ON

1	1001104	25MHZ ZZZ SMT	9/5/2013	2.000000	U	EA	0	N	0	OSC	1.0	B	
		Y2,Y3											
		FOX	419-25-3										
1	1001144	8.192MHZ ZZZ HCM49 CRYSTAL	9/5/2013	1.000000	U	EA	0	N	0	OSC	1.0	B	
		Y1											
		DIGIKEY	887-1417-2-ND										
		TXC	9C-8.192MAAJ-T										
1	1001159	65V 0.1A SOT23 ZZZ NPN	9/5/2013	4.000000	U	EA	0	N	0	ICS	1.0	B	
		Q1-Q4											
		Fairchild	BC846BMTF										
1	1001168	32KBIT 1MHZ ZZZ 8SOIC EEPROM	9/5/2013	2.000000	U	EA	0	N	0	ICS	1.0	B	
		U27,U32											
		Atmel	AT24C32CN-SH										
1	1001169	10/100/1000 Ethernet Transceiver ZZZ QFN 56 Integrated	9/5/2013	2.000000	U	EA	0	N	0	ICS	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U28,U29											
		Marvell	88E1512-56QFN										
1	30-025140-01	ADM660ARZ SOIC8 SWITCHED-VOLT-CONVERTER	9/5/2013	2.000000	U	EA	0	N	0	ICS	1.0	B	
		U37,U39											
		ANALOG DEVICES	ADM660ARZ										
1	30-025782-01	ADG3308 TSSOP20 Translator	9/5/2013	6.000000	U	EA	0	N	0	ICS	1.0	B	
		U1-U4,U7,U49											
		ANALOG DEVICES	ADG3308BRUZ										
		ANALOG DEVICES	ADG3308BRUZ-REEL										
		ANALOG DEVICES	ADG3308BRUZ-REEL7										
1	30-025893-01	ADUM5000ARWZ ZZZ DC/DC CONVERTER	9/5/2013	5.000000	U	EA	0	N	0	ICS	1.0	B	
		U33,U35,U36,U40,U47											
		ANALOG DEVICES	ADUM5000ARWZ										
		ANALOG DEVICES	ADUM5000ARWZ-RL										
1	30-026009-01	ADP151AUJZ-3.3 ZZZ TSOT-5	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		U46											
		ANALOG DEVICES	ADP151AUJZ-3.3-R7										
1	30-026079-01	AD8137YRZ ZZZ SOIC-8	9/5/2013	4.000000	U	EA	0	N	0	ICS	1.0	B	
		U12,U13,U18,U19											
		ANALOG DEVICES	AD8137YRZ										
1	30-026190-01	ADUM7640CRQZ ZZZ	9/5/2013	6.000000	U	EA	0	N	0	ICS	1.0	B	
		U5,U6,U41,U42,U44,U48											
		ANALOG	ADUM7640CRQZ										

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	30-026234-01	ADG759BCPZ ZZZ 20-LFCSP U43 ANALOG	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
			ADG759BCPZ										
1	30-026236-01	ADM1086AKSZ ZZZ SC70 A1 ANALOG	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
			ADM1086AKSZ-REEL7										
1	30-026238-01	AD7401AYRWZ ZZZ 16-SOIC W U8,U9,U14,U15 ANALOG	9/5/2013	4.000000	U	EA	0	N	0	ICS	1.0	B	
			AD7401AYRWZ										
1	30-026286-01	AD2S1210BSTZ ZZZ U26 ANALOG DEVICES	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
			AD2S1210BSTZ										
1	30-026306-01	30V LOW NOISE, 8 ld MSOP ZZZ LOW POWER RRIO DUAL A2,A3,A6 ANALOG	9/5/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
			ADA4084-2ARMZ										
1	30-026307-01	16 V CMOS, R/R OP AMP ZZZ LOW NOISE, PRECISION A4 ANALOG	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
			AD8662ARMZ										
1	30-026308-01	COMPARATOR & 0.6 V REFERENCE ZZZ 4 ld SC70 A5,A7-A9 ANALOG ANALOG DEVICES	9/5/2013	4.000000	U	EA	0	N	0	ICS	1.0	B	
			ADCMP354YKSZ ADCMP354YKSZ-REEL7										

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	30-026309-01	24 MHz 8 ld MSOP ZZZ RAIL-TO-RAIL DUAL OP AMP U10,U11,U16,U17 ANALOG	9/5/2013	4.000000	U	EA	0	N	0	ICS	1.0	B	
		AD8646ARMZ											
1	30-026310-01	2.5 O 4-CHANNEL 10 ld MSOP ZZZ LOW VOLTAGE Mux U20,U21,U25 ANALOG	9/5/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		ADG704BRMZ											
1	30-026311-01	3 V, CMOS 8 ld SOIC ZZZ LVDS DIFF LINE RECEIVER U22-U24 ANALOG	9/5/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		ADN4662BRZ											
1	30-026312-01	2.5V VOLTAGE 6 ld SOT-23 ZZZ HIGH-ACCURACY U30,U31,U50 ANALOG	9/5/2013	3.000000	U	EA	0	N	0	ICS	1.0	B	
		ADR3425ARJZ ANALOG DEVICES											
		ADR3425ARJZ-R2											
1	30-026313-01	DC-TO-DC 10 ld LFCSP ZZZ STEP-UP CONVERTER U34 ANALOG	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADP1614ACPZ-1.3 ANALOG DEVICES											
		ADP1614ACPZ-1.3-R7											
1	30-026314-01	200 mA TSOT-23 LINEAR REG ZZZ ULTRALOW NOISE, U38 ANALOG	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	
		ADM7160AUJZ-3.3 ANALOG DEVICES											
		ADM7160AUJZ-3.3-R7											
1	30-026315-01	SIX-CHANNEL 20 ld QSOP ZZZ DIGITAL ISOLATORS	9/5/2013	1.000000	U	EA	0	N	0	ICS	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		U45											
		ANALOG	ADUM7641CRQZ										
1	6001026	2.54MM 1X2 ZZZ 2-PIN HEADER UNSHROUDED GOLD	9/5/2013	6.000000	U	EA	0	N	0	CON	1.0	B	
		P3-P6,P14,P19											
		SULLINS ELEC CO	PBC02SAAN										
		DIGIKEY	S1011E-02-ND										
1	6001051	2.50MM 4X10 ZZZ TH	9/5/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P2											
		Tyco Electronic	1469028-1										
		TE	6469028-1										
1	6001088	IDC 1X3 .100 ZZZ TH	9/5/2013	5.000000	U	EA	0	N	0	CON	1.0	B	
		P9,P11,P12,P18,P20											
		SAMTEC	TSW-103-08-G-S										
1	6001099	IDC 10X2 TE_5103308-5 SHROUD W/CUTOUT	9/5/2013	1.000000	U	EA	0	N	0	CON	1.0	B	
		P10											
		TE CONN	103308-5										
		MOUSER	571-1033085										
		MOUSER	571-5103308-5										
1	6001175	HDR 6PIN ZZZ HDR 6PIN	9/5/2013	2.000000	U	EA	0	N	0	CON	1.0	B	
		P7,P16											
		SAMTEC	TSW-106-08-G-S										
1	6001191	FMC LPC ZZZ Mezzanine Card	9/5/2013	1.000000	U	EA	0	N	0	CON	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		P1											
		MOLEX	0459704305										
		DIGIKEY	0459704305-ND										
		MOLEX	45970-4305										
	6001259												
1		1PORT 1000 BASE-T ZZZ	9/5/2013	2.000000	U	EA	0	N	0		1.0	B	
		CONN MAGJACK							0	CON			
		P13,P15											
		Bel Fuse Inc	V890-1AX1-A1										
	6001260												
1		10POS .100 15AU ZZZ	9/5/2013	1.000000	U	EA	0	N	0		1.0	B	
		CONN HEADER VERT							0	CON			
		P8											
		TE Connectivity	1-87224-0										
	7000228												
1		0 1/8W 5% 0805	9/5/2013	11.000000	U	EA	0	N	0		1.0	B	
									0	RES			
		R141-R143,R155-R157,R190,R231,R232,R235,R236											
		VISHAY	CRCW08050000Z0EA										
		VISHAY	CRCW08050000ZSEA										
		PANASONIC	ERJ-6GEY0R00V										
		DIGI-KEY	P0.0ACT-ND										
		DIGI-KEY	P0.0ATR-ND										
		KOA	RK73Z2ATTDD										
	7000256												
1		42 100MHZ 4A 0805	9/5/2013	20.000000	U	EA	0	N	0		1.0	B	
									0	FER			
		E1-E20											
		DIGI-KEY	587-1768-2-ND										
		TAIYO YUDEN	FB MJ2125HS420-T										
		TAIYO YUDEN	FBMJ2125HS420-T										
	7000285												
1		33 1/16W 5% 0402	9/5/2013	86.000000	U	EA	0	N	0		1.0	B	
									0	RES			

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R1-R11,R14-R25,R27-R68,R206,R207,R223-R228,R237-R249											
		Vishay	CRCW040233R0JNEA										
		VISHAY	CRCW040233R0JNED										
		PANASONIC	ERJ-2GEJ330X										
		DIGI-KEY	P33JCT-ND										
		DIGI-KEY	P33JTR-ND										
		KOA	RK73B1ETTP330J										
		-----											
1	7000328	1.5K 1/10W 5% 0603	9/5/2013	2.000000	U	EA	0	N	0	RES	1.0	B	
		R185,R186											
		PANASONIC	ERJ-3GEYJ152V										
		DIGI-KEY	P1.5KGTR-ND										
		KOA	RK73B1JTDD152J										
		-----											
1	7000344	1UF 16V 10% 0603	9/5/2013	17.000000	U	EA	0	N	0	CAP	1.0	B	
		X5R											
		C117,C124,C125,C127,C132,C133,C162,C169,C170,C172,C177,C178,C213,C224,C225,C253,C254											
		DIG01	399-5090-2-ND										
		KEMET	C0603C105K4PACTU										
		TDK	C1608X5R1C105K										
		PANASONIC	ECJ-1VB1C105K										
		TAIYO YUDEN	EMK107BJ105KA-T										
		MURRATA	GRM185R61C105KE44D										
		AVX	LT03YD105KAT2S										
		DIGI-KEY	PCC2224TR-ND										
		KOA	Y5V0603ATTD105Z										
		-----											
1	7000351	4.7UF 6.3V 20% 0603	9/5/2013	8.000000	U	EA	0	N	0	CAP	1.0	B	
		CERM											

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C110,C122,C130,C131,C155,C167,C175,C176											
		AVX	06036D475MAT2A										
		DIGI-KEY	445-1417-2-ND										
		DIGI-KEY	478-2582-2-ND										
		DIGI-KEY	490-3297-2-ND										
		TDK	C1608X5R0J475M										
		PANASONIC	ECJ-1VB0J475M										
		PANASONIC	ECJ1VB0J475M										
		MURATA	GRM188R60J475KE19D										
		DIGI-KEY	PCC2318TR-ND										
-----													
1	7000369	1M 1/10W 5% 0603	9/5/2013	2.000000	U	EA	0	N	0		1.0	B	
										RES			
		R199,R201											
		VISHAY	CRCW06031M00FNEA										
		VISHAY	CRCW06031M00JNEA										
		PANASONIC	ERJ-3GEYJ105V										
		DIGI-KEY	P1.0MGTR-ND										
		KOA	RK73B1JTTDD105J										
-----													
1	7000401	10.0K 1/10W 1% 0603	9/5/2013	19.000000	U	EA	0	N	0		1.0	B	
										RES			
		R144,R145,R149-R154,R158-R165,R184,R213,R216											
		DIGI-KEY	311-10.0KHRTR-ND										
		PANASONIC	ERJ-3EKF1002V										
		DIGI-KEY	P10.0KHTR-ND										
		YAGEO	RC0603FR-0710KL										
		KOA	RK73H1JTTDD1002F										
-----													
1	7000404	120PF 50V 5% 0603	9/5/2013	2.000000	U	EA	0	N	0		1.0	B	
		NPO								CAP			
		C79,C80											
		AVX	06035A121JAT2A										
		PANASONIC	ECJ-1VC1H121J										
		PANASONIC	ECJ1VG1H121J										
		KOA	NPO0603HTTD121J										
-----													
1	7000416	2.74K 1/10W 1% 0603	9/5/2013	1.000000	U	EA	0	N	0		1.0	B	
										RES			



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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R221											
		DIGI-KEY	311-2.74KHRTR-ND										
		YAGEO	RC0603FR-072K74L										
		KOA	RK73H1JTDD2741F										
		KOA	RK73H1JTDD2741F										
	7000446												
1		301.0 1/16W 1% 0603	9/5/2013	8.000000	U	EA	0	N	0	RES	1.0	B	
		R97-R100,R133-R136											
		DIGI-KEY	311-301HRTR-ND										
		VISHAY	CRCW0603301RFKEA										
		YAGEO	RC0603FR-07301RL										
		KOA	RK73H1JTDD3010F										
	7000452												
1		4.99K 1/16W 1% 0603	9/5/2013	3.000000	U	EA	0	N	0	RES	1.0	B	
		R197,R198,R200											
		VISHAY	CRCW06034K99FKEA										
		KOA	RK73H1JTDD4991F										
		SEI	RMCF 1/16 4.99K 1% R										
	7000457												
1		31.6K 1/16W 1% 0603	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R218											
		PANASONIC	ERJ-3EKF3162V										
		DIGI-KEY	P31.6KHTR-ND										
	7000464												
1		20.0K 1/10W 1% 0603	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R203											
		PANASONIC	ERJ-3EKF2002V										
		DIGI-KEY	P20.0KHCT-ND										
		DIGI-KEY	P20.0KHTR-ND										
	7000480												
1		0.047UF 16V 10% 0603 X7R	9/5/2013	4.000000	U	EA	0	N	0	CAP	1.0	B	

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		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		C24,C25,C45,C46											
		AVX	0603YC473KAT2A										
		PANASONIC	ECJ1VB1H473K										
		KOA	X7R0603CTTD473J										
	7000513												
1		0.47UF 16V 10% 1206	9/5/2013	1.000000	U	EA	0	N	0		1.0	B	
		X7R								CAP			
		C220											
		AVX	1206YC474KAT1A										
		AVX	1206YC474KAT2A										
		KOA	X7R1206CTTD474K										
	7000574												
1		1UF 50V 10% 0603	9/5/2013	3.000000	U	EA	0	N	0		1.0	B	
		X5S								CAP			
		C186,C187,C501											
		DIGI-KEY	587-1257-1-ND										
		DIGI-KEY	587-1257-2-ND										
		DIGI KEY	587-2400-2-ND										
		TAIYO YUDEN	UMK107BJ105KA-T										
		TAIYO YUDEN	UMK107C105KA-T										
	7000607												
1		2.2UF 25V 10% 0805	9/5/2013	6.000000	U	EA	0	N	0		1.0	B	
		X7R								CAP			
		C97,C204,C223,C226,C230,C237											
		DIGI KEY	445-6860-2-ND										
		DIGI-KEY	490-3331-1-ND										
		DIGI-KEY	490-3331-2-ND										
		TDK	C2012X7R1E225K										
		MURATA	GRM21BR71E225KA73L										
	7000608												
1		1.0 1/16W 1% 0402	9/5/2013	1.000000	U	EA	0	N	0		1.0	B	
										RES			
		R222											
		DIGI-KEY	541-1.00LCT-ND										
		VISHAY/DALE	CRCW04021R00FNED										
	7000758												
1		0.1UF 25V 10% 0805	9/5/2013	6.000000	U	EA	0	N	0		1.0	B	
		X7R								CAP			

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		C189,C190,C268,C269,C502,C503											
		DIG01	311-1141-2-ND										
		Yageo	CC0805KRX7R8BB104										
		PANASONIC	ECJ-2VB1E104K										
		DIGI KEY	PCC1828CT-ND										
	7000759												
1		10UF 16V 10% 0805	9/5/2013	22.000000	U	EA	0	N	0		1.0	B	
		X5R								CAP			
		C74,C195,C203,C205,C209,C210,C214,C215,C218,C219,C221,C231,C233,C235,C238,C											
		256,C258,C260,C262,C263,C265,C267											
		DIGI KEY	490-3886-1-ND										
		DIGI KEY	490-3886-2-ND										
		MURATA	GRM21BR61C106KE15L										
	7000801												
1		4.7K 1/10W 1% ZZZ	9/5/2013	6.000000	U	EA	0	N	0		1.0	B	
		0603								RES			
		R13,R178-R180,R192,R194											
		PANASONIC	ERJ-3EKF4701V										
		DIGI KEY	P4.70KHTR-ND										
	7000818												
1		0.1UF 16V 10% ZZZ	9/5/2013	110.000000	U	EA	0	N	0		1.0	B	
		XR7 0402								CAP			
		C1-C23,C26,C27,C36-C39,C42-C44,C47,C48,C57-C60,C63-C68,C81-C85,C87,C88,C90											
		-C92,C94,C95,C103,C109,C116,C142,C148,C154,C161,C188,C191-C194,C196-											
		C198,C200,C201,C207,C208,C211,C212,C216,C217,C229,C232,C234,C236,C240-											
		C252,C255,C257,C259,C261,C264,C266,C270-C277											
		DIGI KEY	490-3261-2-ND										
		MURATA	GRM155R71C104KA88D										
	7000853												
1		100 1/4W 5% 0603	9/5/2013	4.000000	U	EA	0	N	0		1.0	B	
										RES			
		R146-R148,R191											
		DIGI KEY	541-100SATR-ND										
		VISHAY	CRCW0603100RJNEAHP										
	7000864												
1		1.0K 1/10W 1% ZZZ	9/5/2013	11.000000	U	EA	0	N	0		1.0	B	
		0603								RES			

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

Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R93-R96,R129-R132,R189,R193,R195											
		PANASONIC	ERJ-3EKF1001V										
		DIGI KEY	P1.00KHTR-ND										
	7000925												
1		69.8K 1/10W 1% ZZZ		9/5/2013	1.000000	U	EA	0	N	0	1.0	B	
		0603								RES			
		R219											
		DIG01	311-69.8KHRTR-ND										
		PANASONIC	ERJ-3EKF6982V										
		YAGEO	RC0603FR-0769K8L										
	7001027												
1		47UF 6.3V 20% ZZZ		9/5/2013	2.000000	U	EA	0	N	0	1.0	B	
		X5R 1206								CAP			
		C89,C93											
		DIG01	490-3907-2-ND										
		Murata	GRM31CR60J476ME19L										
	7001113												
1		10PF 50V 5% ZZZ		9/5/2013	1.000000	U	EA	0	N	0	1.0	B	
		0402								CAP			
		C206											
		DIGIKEY	399-1011-2-ND										
		KEMET	C0402C100J5GACTU										
		MURATA	GRM1555C1H100JZ01D										
	7001182												
1		GRN ZZZ		9/5/2013	4.000000	U	EA	0	N	0	1.0	B	
		0805								LED			
		DS1-DS3,DS7											
		AVAGO	516-1434-2-ND										
		FEC	579-0852										
		Avago Technolog	HSMG-C170										
	7001191												
1		120.0 1/16W 1% 0603		9/5/2013	4.000000	U	EA	0	N	0	1.0	B	
										RES			

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

Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
		R208,R211,R214,R217											
		FEC	933-0496										
		YAGEO	311-120HRTR-ND										
		Multicomp	MC 0.063W 0603 1% 120R										
		NIC	NRC06F1200TRF										
		YAGEO	RC0603RF-07120RL										
		-----											
1	7001225	4.7UF 16V 10% ZZZ TANT 0805	9/5/2013	3.000000	U	EA	0	N	0		1.0	B	
		C73,C75,C77								CAP			
		DIG01	587-1294-2-ND										
		Taiyo Yuden	EMK212BJ475KG-T										
		-----											
1	7001299	0.1UF 50V 10% ZZZ X7R 0603	9/5/2013	38.000000	U	EA	0	N	0		1.0	B	
		C96,C98-C102,C105-C107,C111-C114,C118,C121,C126,C134,C137,C140,C141,C143- C147,C150-C152,C156-C159,C163,C166,C171,C179,C182,C185											
		AVX	06035C104KAT2A										
		DIGIKEY	478-5052-2-ND										
		-----											
1	7001306	20PF 100V 5% ZZZ NPO 0603	9/5/2013	2.000000	U	EA	0	N	0		1.0	B	
		C69,C70								CAP			
		DIGIKEY	490-1334-2-ND										
		MURATA	GRM1885C2A200JA01D										
		-----											
1	7001344	10UF 6.3V 20% ZZZ X5R 0603	9/5/2013	16.000000	U	EA	0	N	0		1.0	B	
		C104,C108,C115,C119,C120,C123,C128,C129,C149,C153,C160,C164,C165,C168,C173, C174								CAP			
		MURATA	GRM188R60J106ME47D										
		DIGIKEY	490-3896-2-ND										
		-----											
1	7001368	27PF 50V 5% ZZZ NPO CERM 0603	9/5/2013	4.000000	U	EA	0	N	0		1.0	B	
		C135,C136,C180,C181								CAP			
		DIGIKEY	445-1274-2-ND										
		TDK	C1608C0G1H270J										

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

Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7001382	10 1/10W 1% ZZZ 0402	9/5/2013	3.000000	U	EA	0	N	0	RES	1.0	B	
		R181-R183											
		PANASONIC	ERJ-2RKF10R0X										
		DIGIKEY	P10.0LTR-ND										
1	7001485	0.01UF 50V 10% ZZZ CERM 0603	9/5/2013	8.000000	U	EA	0	N	0	CAP	1.0	B	
		C71,C72,C76,C78,C138,C183,C199,C202											
		DIGIKEY	311-1085-2-ND										
		YAGEO	CC0603KRX7R9BB103										
1	7001519	150MA 1N4148W ZZZ SOD-123	9/5/2013	4.000000	U	EA	0	N	0	DIO	1.0	B	
		D1-D4											
		DIODES INC	1N4148W-7-										
		DIGIKEY	1N4148W-FDITR-ND										
1	7001524	22 1/10W 1% ZZZ 0603	9/5/2013	24.000000	U	EA	0	N	0	RES	1.0	B	
		R77-R80,R85-R88,R101-R104,R113-R116,R121-R124,R137-R140											
		DIGIKEY	541-22.0HTR-ND										
		VISHAY DALE	CRCW060322R0FKEA										
1	7001525	10.2K 1/10W 1% ZZZ 0603	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R204											
		DIGIKEY	541-10.2KHTR-ND										
		VISHAY DALE	CRCW060310K2FKEA										
1	7001569	0.01UF 50V 10% 0402 X7R	9/5/2013	2.000000	U	EA	0	N	0	CAP	1.0	B	
		C139,C184											
		DIGIKEY	490-4762-2-ND										
		MURATA	GCM155R71H103KA55D										

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Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7001595	4.70 1/10W 1% ZZZ 0603 R174-R177 PANASONIC DIGIKEY	9/5/2013	4.000000	U	EA	0	N	0	RES	1.0	B	
1	7001718	68PF 100V 5% ZZZ NP0 0805 CERM C28,C29,C49,C50 Murata Electron	9/5/2013	4.000000	U	EA	0	N	0	CAP	1.0	B	
1	7001719	100PF 100V 5% ZZZ NP0 0805 CERM C30,C31,C34,C35,C51,C52,C55,C56 AVX Corporation	9/5/2013	8.000000	U	EA	0	N	0	CAP	1.0	B	
1	7001720	8.2PF 50V ZZZ NP0 0805 CERM C32,C33,C53,C54 AVX Corporation	9/5/2013	4.000000	U	EA	0	N	0	CAP	1.0	B	
1	7001721	47UF 16V 20% ZZZ X5R 1210 CERM C86 Murata	9/5/2013	1.000000	U	EA	0	N	0	CAP	1.0	B	
1	7001722	40V 2A ZZZ DO-214AC, SMA D5 Vishay	9/5/2013	1.000000	U	EA	0	N	0	DIO	1.0	B	
1	7001723	1.5 uH 20 % 2.2 A ZZZ L1 Coilcraft	9/5/2013	1.000000	U	EA	0	N	0	IND	1.0	B	

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Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description	Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part	Reference						Commodity			Drawing #
1	7001724	0.11 uH 5 % 2 A ZZZ	9/5/2013	1.000000	U	EA	0	N	0	IND	1.0	B	
		L2											
		Coilcraft	0805LS-111XJLB										
		COILCRAFT	0805LS-111XJLC										
1	7001725	24K OHM 1/10W 1% ZZZ	9/5/2013	8.000000	U	EA	0	N	0	RES	1.0	B	
		0402											
		R81-R84,R117-R120											
		Panasonic	ERJ-2RKF2402X										
1	7001726	51K OHM 1/10W 1% ZZZ	9/5/2013	8.000000	U	EA	0	N	0	RES	1.0	B	
		0603											
		R89-R92,R125-R128											
		PanasonicF	ERJ-3EKF5102V										
1	7001727	2.2K OHM 1/8W .1% ZZZ	9/5/2013	4.000000	U	EA	0	N	0	RES	1.0	B	
		0805											
		R166,R169,R170,R173											
		Panasonic	ERA-6YEB222V										
1	7001728	3.3 OHM 1/10W 1% ZZZ	9/5/2013	4.000000	U	EA	0	N	0	RES	1.0	B	
		0603											
		R167,R168,R171,R172											
		Panasonic	ERJ-3RQF3R3V										
1	7001729	82K OHM 1/10W 1% ZZZ	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		0603											
		R202											
		Panasonic	ERJ-3EKF8202V										
1	7001730	2.55K OHM 1/8W 1% ZZZ	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		0805											
		R205											
		Panasonic	ERJ-6ENF2551V										



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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	7001731	62K OHM 1/10W 1% ZZZ 0402	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R209											
		Panasonic	ERJ-2RKF6202X										
1	7001732	36K OHM 1/10W 1% ZZZ 0402	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R210											
		Panasonic	ERJ-2RKF3602X										
1	7001733	68.1K OHM 1/10W 1% ZZZ 0402	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R212											
			ERJ-2RKF6812X										
1	7001734	180K OHM 1/10W 1% ZZZ 0603	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R215											
		Vishay Dale	CRCW0603180KFKEA										
1	7001735	95.3K OHM 1/10W 1% ZZZ 0402	9/5/2013	1.000000	U	EA	0	N	0	RES	1.0	B	
		R220											
		Panasonic	ERJ-2RKF9532X										
1	7001736	4.7K OHM 1/10W .1% ZZZ 0603	9/5/2013	8.000000	U	EA	0	N	0	RES	1.0	B	
		R69-R72,R105-R108											
		Panasonic	ERA-3AEB472V										
1	7001737	470 OHM 1/10W .1% ZZZ 0603 SMD	9/5/2013	8.000000	U	EA	0	N	0	RES	1.0	B	
		R73-R76,R109-R112											
		Panasonic	ERA-3AEB471V										

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

Page 18

Parent Part Identifier Range: AA0419-2013 - AA0419-2013, Effective: 9/13/2013

LLC	Part Identifier	Description		Effectivity	Quantity	QC	UM	LTO	BT	SCR	ECN #	Rev	PT	Alternate Part
		Mfg Name	Mfg Part		Reference						Commodity			Drawing #
1	A0419-2013	FMC-MOTCON CONTROLLER PCB			1.000000	U	EA	0	N	0	PCB	1.0	B	