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Parts List for 701002 Rev A

HVPS

EPI_Hi CALTECH

Count	Part Number	ComponentName	Value	Manufacturer	RefDes	Note
6	ISL70218 SRHMF	ISL70218SRH		Intersil	U3 U6 U9 U12 U15 U18	
7	5962R9664501VXC	CD40109B		Intersil	U2 U5 U8 U11 U14 U17 U20	
6	CD4069UBKMSR	CD4069UB		Intersil	U1 U4 U7 U10 U13 U16	
6	HRSI214X7R156M1J5	C_HRSI	15UF/25V	Presidio	C3 C33 C63 C93 C123 C153	
6	SR1725X7R165K2NT95#M123	CC1825	1.6uF/50V	Presidio	C22 C52 C82 C112 C142 C162	
4	SR1725X7R185K2NT95#M123	CC1825	1.8uF/50V	Presidio	C155 C156 C157 C168	
50	SR1209X7R104K3NT95#M123	CC1210	0.1UF/100V	Presidio	C4 C5 C6 C7 C8 C10 C11 C12 C13 C14 C34 C35 C36 C37 C38 C40 C41 C42 C43 C44 C64 C65 C66 C67 C68 C70 C71 C72 C73 C74 C94 C95 C96 C97 C98 C100 C101 C102 C103 C104 C124 C125 C126 C127 C128 C130 C131 C132 C133	

12	CDR32BP101BJUS	CDR32	100PF/100V	Kemet	C134 C19 C21 C49 C51 C79 C81 C109 C111 C139 C141 C159 C161	
6	CDR32BP102BJUS	CDR32	1000PF/100V	Kemet	C18 C48 C78 C108 C138 C158	
12	CDR32BP221BJUS	CDR32	220PF/100V	Kemet	C26 C28 C56 C58 C86 C88 C116 C118 C146 C148 C164 C166	
45	CDR33BX104AKUS	CDR33	0.1uF/50V	Kemet	C1 C2 C9 C20 C25 C29 C30 C31 C32 C39 C50 C55 C59 C60 C61 C62 C69 C80 C85 C89 C90 C91 C92 C99 C110 C115 C119 C120 C121 C122 C129 C140 C145 C149 C150 C151 C152 C154 C160 C163 C167 C169 C170 C171 C172	
6		CDR34	DNP	Kemet	C27 C57 C87 C117 C147 C165	DO NOT INSTALL
25	SM20B823K501BM	SM20_J	82nF/500V	Kemet	C15 C16 C17 C23 C24 C45 C46 C47 C53 C54 C75 C76 C77 C83 C84 C105 C106 C107	

					C113 C114 C135 C136 C137 C143 C144	
5	JANTXV1N4482US	1N4482US		Microsemi	D12 D27 D42 D57 D72	
6	JANTX 1N749AUR-1	1N749AUR-1		Microsemi	D14 D29 D44 D59 D74 D80	
58	JANTX 1N4150UR-1	1N4150UR-1		Microsemi	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D76 D77 D78	
1	JANTXV1N4622UR-1	1N4622UR-1	3.9V	Microsemi	D82	
12	JANTXV 1N5711UR-1	1N5711UR-1		Microsemi	D13 D15 D28 D30 D43 D45 D58 D60 D73 D75 D79 D81	
6	MIL4922-29L	MIL4922	220uH/1.58 OHMS	Delevan	L1 L3 L5 L7 L9 L11	
6	MIL4922-34L	MIL4922	560uH/3.75 OHMS	Delevan	L2 L4 L6 L8 L10	

					L12	
1	D55342H07B1E00TW	RM1206	1K, 1%	State of the Art	R147	
5	D55342H07B1F00TW	RM1206	1M, 1%	State of the Art	R14 R36 R58 R80 R102	
6	D55342H07B3E01TW	RM1206	3.01K, 1%	State of the Art	R4 R26 R48 R70 R92 R112	
6		RM1206	DNP	State of the Art	R17 R39 R61 R83 R105 R121	DO NOT INSTALL
1	D55342H07B6E34TW	RM1206	6.34K, 1%	State of the Art	R125	
6	D55342H07B6E98TW	RM1206	6.98K, 1%	State of the Art	R6 R28 R50 R72 R94 R114	
1	D55342H07B10D0TW	RM1206	10, 1%	State of the Art	R146	
12	D55342H07B10E0TW	RM1206	10K, 1%	State of the Art	R5 R19 R27 R41 R49 R63 R71 R85 R93 R107 R113 R116	
1	D55342H07B10F0TW	RM1206	10M, 1%	State of the Art	R118	
5	D55342H07B20E0TW	RM1206	20K, 1%	State of the Art	R13 R35 R57 R79 R101	
2	D55342H07B24E9TW	RM1206	24.9K, 1%	State of the Art	R123 R124	
6	D55342H07B28D0TW	RM1206	28, 1%	State of the Art	R15 R37 R59 R81 R103 R119	
5	D55342H07B38D3TW	RM1206	SEL (NOM: 38.3, 1%)	State of the Art	R22 R44 R66 R88 R110	SEL (NOM: 38.3, 1%)
1	D55342H07B80E6TW	RM1206	80.6K, 1%	State of the Art	R122	
27	D55342H07B100DTW	RM1206	100, 1%	State of the Art	R8 R30 R52 R74 R96 R111 R115 R126 R127 R128 R129 R130 R131 R132 R133 R134 R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R145	
2	D55342H07B100ETW	RM1206	100K, 1%	State of the Art	R117 R120	
5	D55342H07B243ETW	RM1206	243K, 1%	State of the Art	R20 R42 R64 R86 R108	
20	M55342K05B2E00TW	RM2208	2K, 175V	State of the Art	R1 R2 R3 R11 R23 R24 R25	

					R33 R45 R46 R47 R55 R67 R68 R69 R77 R89 R90 R91 R99	
15	M55342K05B2F00TW	RM2208	2 Meg, 175V	State of the Art	R9 R16 R18 R31 R38 R40 R53 R60 R62 R75 R82 R84 R97 R104 R106	
5	M55342K05B10F0TW	RM2208	10 Meg, 175V	State of the Art	R12 R34 R56 R78 R100	
5	M55342K05B20F0TW	RM2208	20 Meg, 175V	State of the Art	R7 R29 R51 R73 R95	
5	M55342K05B115ETW	RM2208	115 K, 175V	State of the Art	R21 R43 R65 R87 R109	
5		RM2208	SEL (4.5Meg to 7Meg)	State of the Art	R10 R32 R54 R76 R98	SEL (4.5Meg to 7Meg)
5	IRHJ67234	IRHJ67234		International Rectifier	Q2 Q5 Q8 Q11 Q14	
1	ISYE-1009RH-Q	ISYE-1009RH		Intersil	U19	
6	JANTXV2N6782	IRFF110_SP		International Rectifier	Q1 Q4 Q7 Q10 Q13 Q16	
1	JANS 2N2222AUBC	2N2222AUB		Microsemi	Q18	
1	JANS 2N2907AUBC	2N2907AUB		Microsemi	Q19	
6	IRHLUB7970Z4	IRHLUB7970Z4		International Rectifier	Q3 Q6 Q9 Q12 Q15 Q17	
1	S-311-P-18-09S7R6	YSI_SMT	30K	YSI	U21	Thermistor
1	891-007-31SA2-BST1J-429	891-007-31S	Nano 31S, TH, V	GLENAIR	J1	
3	171-007-14P-.110-PB-429	MICRO_STRIP_12P		GLENAIR	J2 J3 J4	