

AERO-M4 HONEYWELL

DIGITAL BOARD PARTS LIST (GL2.085.020PL)

REV.A

ITEM	GLOCOM/N	DESCR.	PART NUMBER	PACKG.	MANUF	QTY	LOCATION	S/T
1	PCB	GL7.820.003PC	PC Board	ISE_DM REV.3 03/2002		GLOCOM	1	
2	CHP	RFS001.002	IC CHIP	INA 02186	INA86	RF Micro Devices	1	U31
3	CHP	LGS045.002	IC CHIP	XCV 100-4FG256	FG-256	XILINX	1	U33
4	CHP	PWS203.001	IC CHIP	TK 11280BMCL	SOT23L	TOKO	1	U39
5	CHP	CPS084.002	IC CHIP	MC 145574PB	TQFP32	MOTOROLA	1	U23
6	CHP	CPS083.003	IC CHIP	ADSP 2189MKST-300	TQFP-100	Analog Devices	1	U27
7	CHP	RFS051.002	IC CHIP	LMX 2306TM	TSSOP-16	NATIONAL	1	U30
8	CHP	ANS037.002	IC CHIP	LM 2574HVM-ADJ	SOL-14	NATIONAL	1	U45
9	CHP	MPS026.003	IC CHIP	TE 28F320B3TA110 (Pre-Program)	TSOP48	INTEL	1	U8
10	CHP	MPS001.003	IC CHIP	AT 28LV256-20JC	PLCC32RJ	ATMEL	1	U7
11	CHP	MPS031.002	IC CHIP	AM 29LV008BT-70REC (Pre-Program)	TSOP-40	AMD	1	U28
12	CHP	INS011.002	IC CHIP	SP 3232ECA	SSOP16	SIPEX	2	U12,46
13	CHP	ANS034.002	IC CHIP	MT 3271BE	DIP8	MITEL	1	U20
14	CHP	RFS023.002	IC CHIP	OPA 353NA	SOT-23-5	BURR-BROWN	1	U32
15	CHP	PWS204.001	IC CHIP	LP 3964EMP-2.5	SOT-223-5	NATIONAL	1	U38
16	CHP	MPS032.003	IC CHIP	MT 48LC4M16A2-8	TSOP54	MICRON	2	U9,10
17	CHP	LGS055.001	IC CHIP	SN 65LVDS9637D	SO-8	TI	1	U36
18	CHP	LGS056.001	IC CHIP	SN 65LVCS9638D	SO-8	TI	1	U37
19	CHP	LGS052.002	IC CHIP	MAX 704SCSA	SO-8	MAXIM	2	U4,13

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20	CHP	MPS030.002	IC CHIP	IDT	71V124SA12PH	SOJ-32	IDT	2	U34,35	S
21	CHP	LGS046.001	IC CHIP		74LVC08AD	SO-14	PHILIPS	1	U18	S
22	CHP	LGT032.001	IC CHIP		74LVC273DB	SSOP20	PHILIPS	3	U15,16,29	S
23	CHP	LGS048.001	IC CHIP		74LVC125AD	SO-14	PHILIPS	2	U2,5	S
24	CHP	LGS049.001	IC CHIP		74LVC138AD	SO-16	PHILIPS	1	U14	S
25	CHP	LGS050.001	IC CHIP		74LVC245DB	SSOP20	PHILIPS	2	U3,17	S
26	CHP	LGS043.001	IC CHIP		74LVC74D	SO-14	PHILIPS	1	U6	S
27	CHP	LGS057.001	IC CHIP		74LVTH16245MTD48	TSSOP48-2	FAIRCHILD	3	U42,43,44	S
28	CHP	ANS035.002	IC CHIP	T	7502EL	SOJ-20	LUCENT	1	U19	S
29	CHP	INS013.002	IC CHIP	ATTL	7591AS	SO-8	LUCENT	1	U40	S
30	CHP	INS010.002	IC CHIP	LULC	8576BP-D	PLCC44	LUCENT	1	U22	S
31	CHP	CPS081.002	IC CHIP	XPC	860ENCZP50D3	PBGA357	MOTOROLA	1	U1	S
32	CHP	LGS058.001	IC CHIP	XC	95144XL-10TQ144C	TQFP144	XILINX	1	U11	S
33	CNT	469.001	CNT		TSW-102-23-S-S	SIP	SAMTEC	4	J10,11,12,13	T
34	CNT	083.001	CNT		CA-D10-24C-44	IDC10	SAMTEC	1	J7	T
35	CNT	084.001	CNT		CA-D14-24C-44	HLE-107	SAMTEC	1	J1	T
36	CNT	090.001	CNT		CA-S06-24B-44	SIP6	SAMTEC	1	J8	T
37	CNT	106.001	CNT		MTSW-103-08-S-S-230-RA 1X3	MTSW3	SAMTEC	2	J4,9	T
38	CNT	479.002	CNT		114538 (125pin, 2mm)		ERIN	1	P2	T
39	CNT	480.002	CNT		352115-1 (55pin, 2mm)		TYCO	1	P1	T
40	CNT	481.001	CNT		EVQ-QS205K (P8037S-ND)	LIGHTSW	PANASONIC	2	SW1,2	T
41	CNT	463.001	LED		160-1188-1-ND	1206	DIGI-KEY	3	LED1,2,4	S
42	CNT	462.001	LED		160-1186-1-ND	1206	DIGI-KEY	1	LED3	S
43	PAS	DI106.001	DIODE		BLM11A471SGPTM00-03	0603	MURATA	2	EMI4, 5	S
44	PAS	DI049.001	DIODE		DL4148	1206	PANASONIC	17	D1,4,5,6,7,8,9,10,11,12	S
									D13,14,15,16,17,18,19	
45	PAS	DI071.001	DIODE		SMBSR1010	1812	MCC	1	D26	S
46	PAS	DI076.001	DIODE		ZC833ATA	SOT-23	ZETEX	1	D23	S
47	PAS	DI098.001	DIODE		ZM4730A	1812	DIODES INC.	1	D27	S
48	PAS	DI069.001	DIODE		ZM4734A	1812	DIODES INC.	3	D24,25,28	S
49	PAS	TR003.001	TRAN		MMBT3906	SOT-23	DIODES INC.	2	Q1,3	S
50	PAS	TR060.001	TRAN		FMMT495TA	SOT23	ZETEX	1	Q4	S
51	PAS	TR010.001	TRAN		FMMT593TA	SOT23	ZETEX	1	Q5	S
52	PAS	TR001.001	TRAN		MMBT3904LT1	SOT-23	On Semiconductor	1	Q2	S

ITEM	GLOCOM/N	DESCR.	PART NUMBER	PACKG.	MANUF	QTY	LOCATION	S/T
53	CRS	CR018.001	CRS	15.36MHz (ECS-153-20-4)	CAP200	ECS INC.	1 X5	T
54	CRS	CR019.001	CRS	32.768K (ECS-327-12.5-17-TR)	ECPSM29T	ECS INC.	1 X2	S
55	CRS	CR020.001	CRS	4.194304MHz (ECS-42-12-4)	CAP200	ECS INC.	1 X3	T
56	CRS	OX023.002	CRS	EC2620TS-36.864M TR	EC25	ECLIPTEK	1 X1	S
57	CRS	OX015.002	CRS	ISM91-3161CO-37.5000MHz	X-SM	ILSI	1 X8	S
58	IND	PU013.001	IND	PE-65798	SC-1	PULSE	1 TR1	S
59	IND	PU012.001	IND	PE-65857	LA-1	PULSE	2 EMI1,2	S
60	IND	CP017.001	IND	220nH (1008G-221)	1008	STECO	1 L3	S
61	IND	OT005.001	IND	10uH (LQH4N100K04M00)	1812	MURATA	1 L1	S
62	IND	TK004.001	IND	22uH (622LY-220K)	TK4440	TOKO	2 L7,8	T
63	IND	I210001.001	IND	3.9uH (NL3225T3R9J)	I210	CAL-CHIP	1 L5	S
64	IND	I210002.001	IND	33uH (ELJ-FA330KF)	I210	PANASONIC	1 L6	S
65	IND	OT013.001	IND	47uH (P0751.473T)	PO75x	Sager Electronics	1 L9	S
66	IND	CP091.001	IND	120nH (1812SMS-R12J)	1616A	COILCRAFT	1 L4	S
67	CAP	08108.001	CAP	0.01uF (ECJ-2VB1H103K)	0805	PANASONIC	1 C105	S
68	CAP	0603039.001	CAP	0.01uF (GRM39X7R103K050AD)	0603	MURATA	3 C84,145,151	S
69	CAP	08148.001	CAP	0.056uF (ECJ2VB1E563K)	0805	PANASONIC	1 C20	S
70	CAP	08001.001	CAP	0.1uF (ECJ2YB1H104K)	0805	PANASONIC	100 C01,5,06,10,11,12,13,14,17,18	S
							C21,25,34,35,36,39,65,70,71,72	
							C75,76,77,126,134,144,149,150	
							C152,200,201,202,203,204,205	
							C206,207,208,209,210,211,212	
							C213,214,215,216,217,218,219	
							C220,221,222,223,224,225,226	
							C227,228,229,230,231,232,233	
							C234,235,236,237,238,239,240	
							C241,242,243,244,245,246,247	
							C248,249,250,251,252,253,254	
							C255,256,257,258,259,260,261	
							C262,263,264,265,266,267,275	
							C276,277	
71	CAP	0603056.001	CAP	0.1uF (ECJ1VF1H104Z)	0603	PANASONIC	16 C69,73,78,81,83,85,88,94,127	S
							C128,130,131,132,133,135,136	
72	CAP	I2006.001	CAP	0.33uF/25V (GMC31X7R334K25NT)	I206	CAL-CHIP	1 C16	S

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73	CAP	12051.001	CAP		0.033uF/50V (ECU-V1H333KBW)	1206	PANASONIC	1	C22	S
74	CAP	12065.001	CAP		1.0uF/25V (ECJ3YB1E105K)	1206	PANASONIC	1	C147	S
75	CAP	SMD005.001	CAP		100uF/16V (ECEV1CA101WP)	CAP_VS_D	PANASONIC	2	C60,64	S
76	CAP	TS030.001	CAP		10uF/16V (ECSH1CC106R)	1812	PANASONIC	44	C97,98,109,110,111,112,114,116	S
									C117,118,120,121,122,123,124	
									C125,138,146,300,301,302,303	
									C304,305,306,307,308.309,310,	
									C311,312,313,314,315,316,317	
									C318,319,320,321,322,323,324,07	
77	CAP	TS032.001	CAP		10uF/25V (ECS-H1ED106R)	2518	PANASONIC	1	C82	S
78	CAP	0603050.001	CAP		1uF/10V (ECJ1VF1A105Z)	0603	PANASONIC	1	C93	S
79	CAP	TS067.001	CAP		22uF/6.3V (ECS-HOJC226R)	1812	PANASONIC	2	C113,115	S
80	CAP	SMD012.001	CAP		47uF/63V (ECE-V1JA470P)	CAP_VS_G	PANASONIC	1	C104	S
81	CAP	0603018.001	CAP		1000pF (ECJ-1VB1H102K)	0603	PANASONIC	4	C66,86,91,148	S
82	CAP	08086.001	CAP		1000pF (08055C102KAT2A)	0805	AVX	5	C67,68,74,129,137	S
83	CAP	08059.001	CAP		100pF (ECJ-2VC1H101J)	0805	PANASONIC	1	C9	S
84	CAP	0603010.001	CAP		180pF (GRM40C0G181J050AL)	0603	MURATA	1	C80	S
85	CAP	0603059.001	CAP		18pF (GRM39C0G180J050AD)	0603	MURATA	2	C90,95	S
86	CAP	08147.001	CAP		20pF (GRM40C0G200J050AL)	0805	MURATA	2	C02,03	S
87	CAP	0603022.001	CAP		2200pF (ECJ-1VB1H222K)	0603	PANASONIC	4	C79,87,92,96	S
88	CAP	0603012.001	CAP		270pF (MCH185A271JK)	0603	ROHM	1	C89	S
89	CAP	08058.001	CAP		82pF (ECU-V1H820JCG)	0805	PANASONIC	1	C107	S
90	CAP	08048.001	CAP		33pF (GRM40C0G330J050AL)	0805	MURATA	2	C38,40	S
91	CAP	08100.001	CAP		3300pF (ECU-V1H332KBN)	0805	PANASONIC	1	C08	S
92	CAP	08022.001	CAP		4pF (GRM40C0G040C050AD)	0805	MURATA	1	C119	S
93	CAP	08056.001	CAP		68pF (08055A680JAT2A)	0805	AVX	1	C106	S
94	CAP	1812001.001	CAP		GRM43-2X7R104K200AL	1812	MURATA	1	C15	S
95	CAP	2220001.001	CAP		GRM44-1X7R224K200AL	2220	MURATA	2	C4,19	S
96	CAP	OT005.001	CAP		NFM2012P13C105B	2012P	MURATA	2	C140,141	S
97	CAP	OT007.001	CAP		NFM2012P13C105F	2012P	MURATA	2	C139,142	S
98	RES	080510.001	RES		0 (ERJ-6GEY0R00V)	0805	PANASONIC	1	R144	S
99	RES	0603009.001	RES		1.0 (ERJ-3GSYJ1R0V)	0603	PANASONIC	2	R112,113	S
100	RES	0603011.001	RES		5.1 (ERJ-3GSYJ5R1V)	0603	PANASONIC	2	R109,110	S
101	RES	0603005.001	RES		18 (ERJ-3GSYJ180V)	0603	PANASONIC	1	R123	S

ITEM		GLOCOM/N	DESCR.	PART NUMBER		PACKG.	MANUF	QTY	LOCATION	S/T	
102	RES	08010.001	RES		30	(ERJ-6GEYJ300V)	0805	PANASONIC	3	R22,41,42	S
103	RES	0603027.001	RES		33	(ERJ-3GSYJ330V)	0603	PANASONIC	4	R125,135,141,142	S
104	RES	08053.001	RES		33	(ERJ-6GEYJ330V)	0805	PANASONIC	1	R129	S
105	RES	0603001.001	RES		51	(ERJ-3GSYJ510V)	0603	PANASONIC	1	R121	S
106	RES	08066.001	RES		68	(ERJ-6GEYJ680V)	0805	PANASONIC	2	R73,77	S
107	RES	0603030.001	RES		82	(ERJ-3GSYJ820V)	0603	PANASONIC	1	R120	S
108	RES	0603080.001	RES		100	(ERJ-3GSYJ101V)	0603	PANASONIC	1	R133	S
109	RES	08021.001	RES		100	(ERJ-6GEYJ101V)	0805	PANASONIC	3	R21,74,76	S
110	RES	0603032.001	RES		150	(ERJ-3GSYJ151V)	0603	PANASONIC	1	R137	S
111	RES	08035.011	RES		180	(ERJ-6GEYJ181V)	0805	PANASONIC	4	R23,28,29,30	S
112	RES	0603014.001	RES		300	(ERJ-3GSYJ301V)	0603	PANASONIC	1	R136	S
113	RES	0603015.001	RES		510	(ERJ-3GSYJ511V)	0603	PANASONIC	1	R115	S
114	RES	0603025.001	RES		100K	(RM06J104CT)	0603	CAL-CHIP	3	R106,111,114	S
115	RES	08022.001	RES		100K	(ERJ-6GEYJ104V)	0805	PANASONIC	1	R39	S
116	RES	0603007.001	RES		10K	(ERJ-3GSYJ103V)	0603	PANASONIC	14	R12,96,97,98,99,100,101,102,103	S
										R105,116,119,122,126	
117	RES	08047.001	RES		10K	(ERJ-6GEYJ102V)	0805	PANASONIC	22	R24,25,26,27,31,32,33,36,82,83	S
										R104,107,108,124,127,134,143	
										R145,146,147,148,149	
118	RES	08067.001	RES		10M	(ERJ6GEYJ106V)	0805	PANASONIC	1	R78	S
119	RES	08065.001	RES		113K	(ERJ-6ENF1133V)	0805	PANASONIC	1	R49	S
120	RES	080513.001	RES		16.9K	(ERJ-6ENF1692V)	0805	PANASONIC	1	R35	S
121	RES	080514.001	RES		19.1K	(ERJ-6ENF1912V)	0805	PANASONIC	1	R47	S
122	RES	08036.001	RES		1K	(ERJ-6GEYJ102V)	0805	PANASONIC	17	R1,2,3,4,6,7,8,9,10,11,14,15,16	S
										R17,18,75,95	
123	RES	08090.001	RES		1.2K	(ERJ-6GEYJ122V)	0805	PANASONIC	1	R132	S
124	RES	08025.001	RES		200K	(ERJ-6GEYJ204V)	0805	PANASONIC	1	R19	S
125	RES	080519.001	RES		20K	(ERJ-6GEYJ203V)	0805	PANASONIC	3	R91,128,130	S
126	RES	080515.001	RES		22.6K	(ERJ-6ENF2262V)	0805	PANASONIC	1	R48	S
127	RES	08082.001	RES		270K	(ERJ-6GEYJ274V)	0805	PANASONIC	1	R40	S
128	RES	08064.001	RES		28.7K	(ERJ-6ENF2872V)	0805	PANASONIC	1	R46	S
129	RES	08088.001	RES		3K	(RM10J302CT)	0805	CAL-CHIP	1	R150	S
130	RES	08026.001	RES		3.9M	(ERJ-6GEY395V)	0805	PANASONIC	1	R20	S
131	RES	08070.001	RES		30K	(ERJ-6GEYJ303V)	0805	PANASONIC	1	R80	S

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132	RES	0603059.001	RES		30K	(ERJ-3GSYJ303V)	0603	PANASONIC	1	R118		S
133	RES	08079.001	RES		32.4K	(ERJ-6ENF3242V)	0805	PANASONIC	1	R38		S
134	RES	0603023.001	RES		33K	(ERJ-3GSYJ333V)	0603	CAL-CHIP	1	R117		S
135	RES	080518.001	RES		383K	(ERJ-6ENF3833V)	0805	PANASONIC	1	R45		S
136	RES	08038.001	RES		4.7K	(ERJ-6GEYJ472V)	0805	PANASONIC	4	R69,70,71,79		S
137	RES	08089.001	RES		47K	(RM10J473CT)	0805	CAL-CHIP	1	R131		S
138	RES	08075.001	RES		5.1K	(ERJ-6GEYJ512V)	0805	PANASONIC	2	R81,84		S
139	RES	08080.001	RES		51.1K	(ERJ-6ENF5112V)	0805	PANASONIC	1	R43		S
140	RES	080523.001	RES		510K	(ERJ-6GEYJ514V)	0805	PANASONIC	3	R138,139,140		S
141	RES	080516.001	RES		52.3K	(ERJ-6ENF5232V)	0805	PANASONIC	1	R44		S
142	RES	08078.001	RES		7.5K	(ERJ-6GEYJ752V)	0805	PANASONIC	1	R37		S
143	RES	08072.001	RES		750K	(ERJ-6GEYJ754V)	0805	PANASONIC	1	R50		S
144	RES	CB062.001	RES		2.2K/2W	(P2.2KW-2BK-ND)	AXIAL0.7	DIGI-KEY	1	R34		T
145	RES	RN018.001	RES		767-161-102-ND		SOJ16		2	RN1, RN2		S
146	RES	RN029.001	RES		1K	(CND2B10TE102J)	RELAY-10		1	RN3		S
147	HDW	BAR005.002	HDW		B-250-12-0.5-0	(Bus Bar Stiffener)		Circuit Components	2			T
148	HDW		HDW		Screw, FHD, 100°, .112-40x.44	(2504188-131)			2	For Item152		T
149	HDW		HDW		Washer, FLT, #4 Red	(2504638-5)			2	For Item152		T
150	HDW		HDW		Nut, .112-40, Self-Lock, Red	(2500929-2)			2	For Item152		T
151					3719221-4	(Extractor)		EG & BIRTCHER	2			T
152					4051759-9	(Bumper)		Arizona Ind. HW	2			T