

Part Number: 230AG1000PROMB1.1

Description : AG1000PRO Main Board

Released: 08/01/2001 15:30 USA

Revision: B1.1

By: Hubert Tsou

No	Part Number	Specification	Location	Qty	Process	Approved Vendor List (Manufacturer / Part No)
1	109000000149	PCB /AresGate1000_Main Rev B1.0		1	CAM	
2	101040000319	CAP 0.01U /SMD 0603 16v +-10% X7R	C33,C34,C38,C39,C52,C56,C60	7	SMD	PDC, TEAM YOUNG
3	101040000174	CAP 0.1U /SMD 0603 16v +-10% X7R	C9,C10,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C35,C36,C37,C40,C41,C42,C43,C44,C45,C46,C51,C55,C59,C61,C62,C63,C65,C66,C67,C68,C69,C70,C801	39	SMD	WALSIN
4	102040000006	CAP 10U Electrolytic /Dip 16v +-20% size=4x7mm, 105 degree	C4,C8,C11,C13,C14,C15,C16,C64,C802,C803	10	DIP	TAYEH, LUXON
5	102040000024	CAP 0.001U /DIP 1Kv +-10%, PPN	C5	1	DIP	GOLD TRAIN
6	101040000440	CAP 10P /SMD 0603 16v +-5% COG	C17,C18	2	SMD	PDC, TEAM YOUNG, WALSIN
7	101040000357	CAP 15P /SMD 0603 16v +-5% COG	C47,C48,C49,C50	4	SMD	PDC, TEAM YOUNG, WALSIN
8	101040000417	CAP 100P /SMD 0603 16v +-5% COG	C53,C54,C57,C58	4	SMD	PDC, TEAM YOUNG, WALSIN
9	102040000009	CAP 470U Electrolytic /Dip 16v +-20% 105 degree size:8x11mm	C1,C2,C3	3	DIP	TAYEH, LUXON
10	102040000030	CAP 22U Electrolytic /Dip 16v +-20% 105 degree size: 4x7mm	C6	1	DIP	TAYEH, LUXON
11	101040000441	CAP 6800P /SMD 0805 50v +-10% X7R	C12	1	SMD	PDC, TEAM YOUNG, WALSIN
12	102100000008	LED / W:4.7 +-0.2mm H:7.3 +-0.3mm /Green /Round / Flangeless/Dip /Right Angle	LD1,LD3,LD4,LD5,LD7	5	DIP	
13	102100000009	LED / W:4.7 +-0.2mm H:7.3 +-0.3mm /Yellow /Round / Flangeless/Dip /Right Angle	LD2	1	DIP	
14	102020000115	CON PCMCIA HEADER w/ 4 Screws /Dip	CON1	1	DIP	Leoco Corp. / 1279STC*H0V
16	102020000131	Header 10x2 H:11.7mm /pitch 2.54X2.54mm /straight/normal/male	JP1	1	DIP	Amphenol
17	102020000032	Header 8x2 TCD128 H:11.7mm /pitch 2.54X2.54mm /straight/normal/male	JP2	1	DIP	Amphenol
18	102020000001	CON RJ11 50u in. (6p4c/4pin) /Dip	J5,J6	2	DIP	KINSUN, FOXLINK
19	102020000061	CON RJ45 50u in.(8p8c/8pin) Low Profile (Shield) /Dip	J2,J3	2	DIP	KINSUN, FOXLINK
20	102020000003	CON JACK Narrow Axis /2.0mm Power Conn /Dip	J1	1	DIP	TOUKE
22	101180000012	IND Ferrite Bead 1U 120 ohms @100MHZ 200mA +-25% /SMD 0805	L4,L5,L6	3	SMD	MINGSTAR, STEWARD
23	102180000013	IND FB Ferrite Bead /Dip	L1,L2	2	DIP	Gotop Technology / R6H-Y7-3.0

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24	102180000002	IND FB-1 Ferrite Bead /Dip 3.5x6x0.65mm	L3	1	DIP	MINGSTAR, STEWARD
25	101030000001	RES 0 /SMD 00805 1/8w +-5%	R25,R26,R120,R121,R122,R123,R124,R125, R126,R127	10	SMD	YAGEO,WALSIN,TEAMYANG
26	101030000284	RES 4.7K /SMD 0603 1/16w +-5%	R6,R7,R8,R10,R11,R33,R34,R35,R40,R41,R42, R45,R46,R51,R52,R53,R56,R57,R61,R62,R63, R64,R65,R66	24	SMD	YAGEO,WALSIN,TEAMYANG
27	101030000272	RES 10K /SMD 0603 1/16w +-5%	R93,R94,R110	3	SMD	YAGEO,WALSIN,TEAMYANG
29	101030000273	RES 0 /SMD 0603 1/16w +-5%	R9,R12,R13,R28,R29,R32,R103,R111,R801	9	SMD	YAGEO,WALSIN,TEAMYANG
30	101030000286	RES 10 /SMD 0603 1/16w +-5%	R14,R15,R16,R17,R18,R22	6	SMD	YAGEO,WALSIN,TEAMYANG
31	101030000260	RES 49.9 /SMD 0603 1/16w +-1%	R38,R43,R49,R54	4	SMD	YAGEO,WALSIN,TEAMYANG
32	101030000418	RES 62 /SMD 0603 1/16w +-1%	R36,R37,R47,R48	4	SMD	YAGEO,WALSIN,TEAMYANG
33	101030000350	RES 68.1 /SMD 0603 1/16w +-1%	R1	1	SMD	YAGEO,WALSIN,TEAMYANG
34	101030000276	RES 100 /SMD 0603 1/16w +-5%	R58,R59,R60,R67,R69,R72,R88,R89,R91,R95, R96,R97,R99,R100,R101,R102	16	SMD	YAGEO,WALSIN,TEAMYANG
35	101030000351	RES 115 /SMD 0603 1/16w +-1%	R5	1	SMD	YAGEO,WALSIN,TEAMYANG
36	101030000415	RES 150 /SMD 0603 1/16w +-5%	R2,R3,R4	3	SMD	YAGEO,WALSIN,TEAMYANG
37	101030000275	RES 1K /SMD 0603 1/16w +-5%	R39,R44,R50,R55,R82,R84,R85,R90	8	SMD	YAGEO,WALSIN,TEAMYANG
39	101030000417	RES 330K /SMD 0603 1/16w +-5%	R21	1	SMD	YAGEO,WALSIN,TEAMYANG
40	101030000416	RES 10M /SMD 0603 1/16w +-5%	R19,R20	2	SMD	YAGEO,WALSIN,TEAMYANG
41	101190000002	RESP 33-B 8P 4R/Absol Res Network Size /SMD 0603	RN1,RN2,RN3,RN4	4	SMD	YAGEO,WALSIN,TEAMYANG
42	101190000004	RESP 10K-10A 10p 8R/Common Res Network /SMD 1206	RP1,RP2,RP4,RP5,RP6,RP7,RP8,RP9	8	SMD	YAGEO,WALSIN,TEAMYANG
43	102110000006	SWT Mini Rocker Power Switch	SW1	1	DIP	Daily Well / 4MS1R202M6QE
44	101010000110	IC CPU MOT850 /PBGA-256 JEDEC	U2	1	BGA	Motorola / XPC850SRZT50B
45	101010000116	IC 74LCX125 /SMD SOIC-14	U18	1	SMD	FAIRCHILD, PHILIP, TI
46	101010000132	IC 74LCX245 /SMD TSSOP-20	U17,U19,U20,U21,U23,U24	6	SMD	FAIRCHILD, PHILIP, TI
47	101010000362	IC 28F800C3BA110 /SMD TSOP-48 Flash memeory	U3	1	SMD	Intel / 28F800C3BA110
48	101010000111	IC DS1233AZ-10 /SMD SOT-223	U1	1	SMD	Dallas Semiconductor / DS1233AZ-10
	101010000305	IC V6300 O /SMD SOT-223				EM Microelectronic Marin SA / V6300 O
49	101010000114	IC DS2401Z /SMD SOT-223	U6	1	SMD	Dallas Semiconductor / DS2401Z
50	101010000115	IC MTD214 /SMD SOJ-28 300mil	U11,U12	2	SMD	Myson Technology / MTD214
52	101010000104	IC L1084S, 5v to 3.3v Regulator /SMD	Q1	1	SMD	Ecenter / Niko / L1084S
53	101010000331	IC 74LVT273 3.3v /SMD TSSOP-20	U15	1	SMD	Fairchild, Philip, TI

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	101010000390	IC 74LVX273 3.3v /SMD TSSOP-20			SMD	Fairchild
	101010000391	IC 74LVTH273 3.3v /SMD TSSOP-20			SMD	TI
54	102010000052	IC 16PT-12D /Dip	U13,U14	2	DIP	YCL / 16PT-12D
55	101010000109	IC SDRAM 1Mx16 /SMD TSOP-50	U7,U8	2	SMD	ESMT / M12L16161A-7T
56	101010000118	IC LM386 OP /SMD MSOP-8	U26	1	SMD	National / LM386MM-1
57	102250000001	BUZZER	BZ1	1	DIP	
58	102230000009	OSC 4MHZ /Half Size /Dip O/P 3.3v	OSC1	1	DIP	SSP
59	102170000004	XTAL 32.768K T38 /Tuning Fork Size /Dip	Y1	1	DIP	SSP
60	102170000012	XTAL 20M 49US /11.1X4.6/3.5 /DIP	X1,X2	2	DIP	TXC