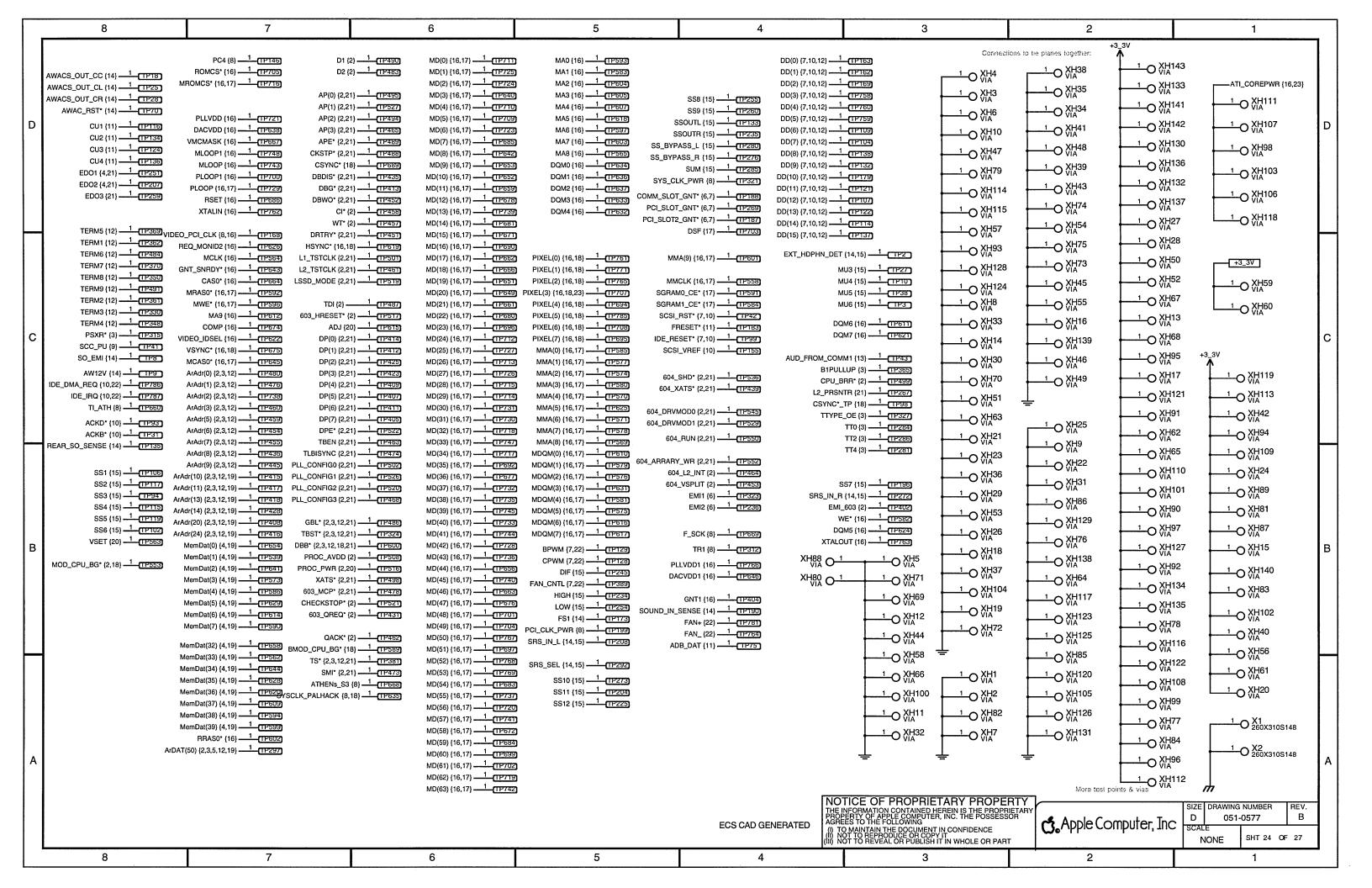


ABANTO 1933 A. 6. 1022		8	7	6	5	***************************************	4	3	2	1	
AGE 14-12 1-12	D	AACK* (2,3,12,21) 1 [1P441] ABB* (2,3,12,18,21) 1 [1P334] ACKF (10) 1 [1P73] ACKOUT* (7,10) 1 [1P55] ADB_IN (11) 1 [1P157] ALIAS_L (14) 1 [1P39] ALIAS_R (14) 1 [1P20] ARTRY* (2,3,12,21) 1 [1P440] ATHEN_AVDD (8) 1 [1P655] ATHEN_VDD (8) 1 [1P55]	ArAdr(30) {2,3,12} 1 [IP548] ArAdr(31) {2,3,12} 1 [IP548] ArAdr(4) {2,3,12} 1 [IP534] ArDAT(0) {2,3,5,12,19} 1 [IP550] ArDAT(1) {2,3,5,12,19} 1 [IP350] ArDAT(11) {2,3,5,12,19} 1 [IP350] ArDAT(11) {2,3,5,12,19} 1 [IP350] ArDAT(12) {2,3,5,12,19} 1 [IP350] ArDAT(13) {2,3,5,12,19} 1 [IP350] ArDAT(14) {2,3,5,12,19} 1 [IP350] ArDAT(15) {2,3,5,12,19} 1 [IP350] ArDAT(16) {2,3,5,12,19} 1 [IP350] ArDAT(17) {2,3,5,12,19} 1 [IP350] ArDAT(18) {2,3,5,12,19} 1 [IP350] ArDAT(18) {2,3,5,12,19} 1 [IP350]	ArDAT(57) {2,3,5,12,19} 1 (IP205) ArDAT(58) {2,3,5,12,19} 1 (IP203) ArDAT(59) {2,3,5,12,19} 1 (IP202) ArDAT(6) {2,3,5,12,19} 1 (IP202) ArDAT(6) {2,3,5,12,19} 1 (IP252) ArDAT(61) {2,3,5,12,19} 1 (IP252) ArDAT(62) {2,3,5,12,19} 1 (IP231) ArDAT(63) {2,3,5,12,19} 1 (IP215) ArDAT(63) {2,3,5,12,19} 1 (IP215) ArDAT(6) {2,3,5,12,19} 1 (IP215) ArDAT(8) {2,3,5,12,19} 1 (IP237) ArDAT(9) {2,3,5,12,19} 1 (IP243) BAT (11) 1 (IP25) BYTEACK* {7,11} 1 (IP262) C*(2) {3,20} 1 (IP230)	CR4 (10) — 1 — [IP777] CR5 (10) — 1 — [IP778] CR6 (10) — 1 — [IP779] CR7 (10) — 1 — [IP780] CR8 (10) — 1 — [IP757] CR9 (10) — 1 — [IP757] CUDA_IRO_TST (11) — 1 — [IP83] CUDA_OSCOUT (11) — 1 — [IP84] CUDA_CODA_CODA_CODA_CODA_CODA_CODA_CODA_CO	MemDat(11) {4,19} 1P555 MemDat(12) {4,19} 1P548 MemDat(13) {4,19} 1P540 MemDat(14) {4,19} 1P534 MemDat(15) {4,19} 1P537 MemDat(16) {4,19} 1P355 MemDat(17) {4,19} 1P355 MemDat(18) {4,19} 1P356 MemDat(20) {4,19} 1P357 MemDat(21) {4,19} 1P357 MemDat(22) {4,19} 1P357 MemDat(23) {4,19} 1P325 MemDat(23) {4,19} 1P325 MemDat(24) {4,19} 1P325 MemDat(25) {4,19} 1P325 MemDat(24) {4,19} 1P325 MemDat(25) {4,19} 1P325 MemDat(25) {4,19} 1P325 MemDat(25) {4,19} 1P325 MemDat(25) {4,19} 1P325	MemDat(42) {4,19} 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RA(1) (3,20,21) 1 [P237] RA(10) (3,20,21) 1 [P241] RA(11) (3,20,21) 1 [P227] RA(2) (3,20,21) 1 [P227] RA(3) (3,20,21) 1 [P233] RA(4) (3,20,21) 1 [P233] RA(4) (3,20,21) 1 [P247] RA(6) (3,20,21) 1 [P247] RA(6) (3,20,21) 1 [P249] RA(7) (3,20,21) 1 [P249] RA(8) (3,20,21) 1 [P261] RA(8) (3,20,21) 1 [P261] RA(9) (3,20,21) 1 [P261] RA(9) (3,20,21) 1 [P267] RAB(0) (4,20) 1 [P273] RAB(1) (4,20) 1 [P273] RAB(1) (4,20) 1 [P273] RAB(1) (4,20) 1 [P273]	ROMadr(19) (5,19) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TR3 (8) 1 (1P749) TREQ* (7,11) 1 (1P90) TRICKLE_SENSE (11) 1 (1P741) TRST* (2,3,7) 1 (1P745) TSIZ(0) (2,3,12) 1 (1P512) TSIZ(1) (2,3,12) 1 (1P503) TTYPE(0) (2,3,12,21) 1 (1P513) TTYPE(1) (2,3,12,21) 1 (1P515) TTYPE(2) (2,3,12,21) 1 (1P515) TTYPE(3) (2,3,12,21) 1 (1P515) TTYPE(4) (2,3,12,21) 1 (1P524) V1 (13) 1 (1P37) V2 (13) 1 (1P37) V3 (13) 1 (1P33)	D
AMACE VIRENTY (No.) — CESS 100 —	С	AWACS_IN_A (14)	ArDAT(2) (2,3,5,12,19) 1 (1P358) ArDAT(20) (2,3,5,12,19) 1 (1P380) ArDAT(21) (2,3,5,12,19) 1 (1P339) ArDAT(22) (2,3,5,12,19) 1 (1P392) ArDAT(23) (2,3,5,12,19) 1 (1P392) ArDAT(24) (2,3,5,12,19) 1 (1P392) ArDAT(26) (2,3,5,12,19) 1 (1P271) ArDAT(26) (2,3,5,12,19) 1 (1P270) ArDAT(27) (2,3,5,12,19) 1 (1P253) ArDAT(28) (2,3,5,12,19) 1 (1P253) ArDAT(29) (2,3,5,12,19) 1 (1P244) ArDAT(3) (2,3,5,12,19) 1 (1P242) ArDAT(30) (2,3,5,12,19) 1 (1P232) ArDAT(31) (2,3,5,12,19) 1 (1P232) ArDAT(32) (2,3,5,12,19) 1 (1P232) ArDAT(33) (2,3,5,12,19) 1 (1P238) ArDAT(33) (2,3,5,12,19) 1 (1P258)	C*(4) (3,20) 1 [F228] C*(5) (3,20) 1 [F217] C*(6) (3,20) 1 [F229] C*(7) (3,20) 1 [F240] C32CLK (8) 1 [F706] C32M_OHARE (7,8) 1 [F290] CACHE_EN (3,12) 1 [F290] CACHE_HIT* (3,12) 1 [F290] CACHE_INHIB* (2,12,21) 1 [F290] CASB*(0) (4,20) 1 [F292] CASB*(1) (4,20) 1 [F297] CASB*(2) (4,20) 1 [F297] CASB*(3) (4,20) 1 [F297] CASB*(4) (4,20) 1 [F297] CASB*(5) (4,20) 1 [F297] CASB*(6) (4,20) 1 [F297] CASB*(6) (4,20) 1 [F297]	DVCC+5 {14} 1	MemDat(27) {4,19} 1 TP275 MemDat(28) {4,19} 1 TP258 MemDat(29) {4,19} 1 TP251 MemDat(30) {4,19} 1 TP254 MemDat(31) {4,19} 1 TP250 MemDat(40) {4,19} 1 TP557 MemDat(41) {4,19} 1 TP557 TDO {7} 1 TP24	MemDat(58) {4,19} 1	RAB(3) (4,20) 1	SCC_RTS_B {7,9} 1	V5 {13}	C
ADAT(62) (2,35,12,19) 1 (PP35)	В	AWACS_VREFBYP {14}	ArDAT(35) {2,3,5,12,19} — 1	CASB*(7) (4,20) 1 TP399 ID CD1 (13) 1 TP1 CD2 (13) 1 TP5 CD3 (13) 1 TP5 CD4 (13) 1 TP13 CD5 (13) 1 TP12 CD6 (13) 1 TP11 CFW* (3,7,21) 1 TP150 CKEN1 (8) 1 TP509 CKEN2 (8) 1 TP507 BOXID1 (7,21,22) 1 TP76 BOXID2 (7,21,22) 1 TP81 CPUID3 (7,21) 1 TP92 CPU_BG* (3,12,18) 1 TP333 CPU_BR* (2,12) 1 TP495 CPU_INT* (2,7,21) 1 TP185 CR0 (10) 1 TP773 CR1 (10) 1 TP773	IDE_DIOR* {7,10,12}		PC0 (8) 1 (1P18) PC1 (8) 1 (1P18) PC2 (8) 1 (1P19) PC3 (8) 1 (1P19) PC3 (8) 1 (1P19) PC3 (8) 1 (1P19) PC5* (12) 1 (1P12) PGE_IRQ* (7,21) 1 (1P12) PSA_PCI_CLK (3,8) 1 (1P26) PSX_PCI_GNT* (3,7) 1 (1P26) PSX_PCI_NT* (3,7,21) 1 (1P17) PSX_PVR (3) 1 (1P27) PSX_PVR (3) 1 (1P27) QVCC (13,14,15) 1 (1P10) R1* (4) 1 (1P419) R2* (4) 1 (1P420)	RAS2B* (4) 1	SYSCLK_CPU {2,8} 1	XOB1 (8) 1 (1P304) XOB2 (8) 1 (1P793) XTOUT (8) 1 (1P746) AWACS_OUT_BC (14) 1 (1P52) AWACS_IN_AC (14) 1 (1P712) TDO3 (3) 1 (1P733) TDO4 (3) 1 (1P733) PSX_PWR (3) 1 (1P733) VREF (16) 1 (1P733) SC4 (8) 1 (1P733) FHPL (14) 1 (1P733) FHPR (14) 1 (1P733) IDEO_IRQ (7,10) 1 (1P793) IDEO_DMA_REQ (7,10) 1 (1P793) IDEO_DMA_REQ (7,10) 1 (1P793) ATI_COREPWR (16,24) 1 (1P591) ATI_DCLK (16,18) 1 (1P523)	В
p /	A		ArDAT(52) (2,3,5,12,19) 1 (1P50b) ArDAT(53) (2,3,5,12,19) 1 (1P288) ArDAT(54) (2,3,5,12,19) 1 (1P508) ArDAT(55) (2,3,5,12,19) 1 (1P282) ArDAT(56) (2,3,5,12,19) 1 (1P216)	CR10 (10) 1 [1775] CR11 (10) 1 [1775] CR12 (10) 1 [1775] CR13 (10) 1 [1775] CR14 (10) 1 [1775] CR15 (10) 1 [1775] CR2 (10) 1 [1775] CR3 (10) 1 [1775]	MIX3 {13}	ECS C	R3* {4}	ROMadr(10) {5,19} 1	Test points	MACH_CLK (8,18) 1 (IP770) PC5 (8) 1 (IP743) PCI_VIDEO_GNT* (7,16) 1 (IP427) PCI_VIDEO_REQ* (7,16,21) 1 (IP429) +5V 1 (IP456) BIOS_OE* (17) 1 (IP568) BIOS_P2 (17) 1 (IP560) SIZE DRAWING NUMBER D 051-0577 SCALE	В



C93 6-D5 C184 9-C4 C275 C94 6-D5 C185 9-A3 C276 C95 6-D7 C186 9-A3 C277 C96 6-D7 C187 9-A4 C278 C97 4-B6 C188 9-A4 C279 C98 2-D7 C189 14-C5 C280	C92 2-A2 C183 9-C4 C274 8-A7 C365 20-C4 C93 6-D5 C184 9-C4 C275 20-D5 C366 17-A4 C96 6-D5 C185 9-A3 C276 3-B2 C367 16-D3 C95 6-D7 C186 9-A3 C277 12-C4 C368 17-A4 C96 6-D7 C187 9-A4 C278 12-B4 C369 16-D2 C97 4-B6 C188 9-A4 C279 4-B7 C370 17-A6 C98 2-D7 C189 14-C5 C280 4-B7 C371 17-A5	C92 2-A2 C183 9-C4 C274 8-A7 C365 20-C4 D7 10-D6 R26 11-C3 R C93 6-D5 C184 9-C4 C275 20-D5 C366 17-A4 D8 11-C7 R27 14-C2 R C94 6-D5 C185 9-A3 C276 3-B2 C367 16-D3 D9 2-C8 R28 14-C2 R C95 6-D7 C186 9-A3 C277 12-C4 C368 17-A4 C96 6-D7 C187 9-A4 C278 12-B4 C369 16-D2 F1 10-D7 R30 14-B2 R C97 4-B6 C188 9-A4 C279 4-B7 C370 17-A6 R31 11-C6 R C98 2-D7 C189 14-C5 C280 4-B7 C371 17-A5 HS1 2-A1 R32 11-D5 R	C92 2-A2 C183 9-C4 C274 8-A7 C365 20-C4 D7 10-D6 R26 11-C3 R117 2-A7 R208 14-C7 C33 6-D5 C184 9-C4 C275 20-D5 C366 17-A4 D8 11-C7 R27 14-C2 R118 2-A8 R209 14-B7 C376 6-D7 C186 9-A3 C277 12-C4 C368 17-A4 D8 11-C7 R27 14-C2 R119 21-B3 R210 21-C8 R25 C95 6-D7 C186 9-A3 C277 12-C4 C368 17-A4 R28 R29 14-C2 R29 14-C2 R29 R28 R28 R29	REFERENCE DESIGNATOR LOCATIONS C92 2-A2	C92 2-A2 C183 9-C4 C274 8-A7 C365 20-C4 D7 10-D6 R26 11-C3 R117 2-A7 R29 12-C4 R390 18-B3 U36 19-D7 XH70 24-C3 R118 2-A8 R209 14-B7 R300 21-C5 R311 12-D4 R311 10-C6 R302 3-A8 R303 16-C7 U37 4-A6 XH71 24-B3 R30 R304 R305 R305 R305 R305 R305 R305 R305 R305
6-D5	6-D5	6-D5	6-D5	6-D5	6-D5 C185 9-A3 C276 3-B2 C367 16-D3 D9 2-C8 R28 14-C2 R119 21-B3 R210 21-C8 R301 12-D4 R392 16-C7 U38 20-B3 XH72 24-B3 C5-D7 C186 9-A3 C277 12-C4 C368 17-A4 R29 14-C2 R120 21-D3 R211 10-C6 R302 3-A8 R393 16-C7 U39 5-A5 XH73 24-C2 R4-B6 C188 9-A4 C278 12-B4 C370 17-A6 C198 14-C5 C280 4-B7 C370 17-A6 C198 C198 14-C5 C280 4-B7 C370 17-A5 J5 15-B1 R38 11-C6 R304 12-B3 R210 12-D4 R395 12-D4 R396 22-D4 U41 19-C3 XH76 24-B2 R122 12-C3 R215 13-A7 R306 12-D4 R396 22-D4 U41 19-C3 XH76 24-B2 R124 21-C3 R215 13-A7 R306 12-D4 R396 22-D4 U41 19-C3 XH76 24-B2 R124 21-C3 R215 13-A7 R306 12-D4 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D4 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D4 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D3 R397 12-D4 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D3 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D3 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D3 R399 10-C5 U44 18-B4 XH78 24-B2 R124 12-C3 R215 13-A7 R306 12-D3 R399 10-C5 U44 18-B4 XH78 24-B2 R124 R18
C196 7-D2 C287 C197 7-D2 C288 C198 7-C1 C289 C199 13-C4 C290 C201 14-D5 C291 C201 14-B4 C292 C202 13-B7 C293 C203 13-A7 C294 C204 13-A7 C295 C205 14-C6 C296 C206 20-D4 C297 C207 14-D4 C298 C208 7-D2 C299	C196 7-D2 C287 20-B4 C378 19-A3 C197 7-D2 C288 2-C2 C379 17-A4 C198 7-C1 C289 2-C1 C380 17-A6 C199 13-C4 C290 2-D2 C381 16-D7 C200 14-D5 C291 2-B1 C382 16-D3 C201 14-B4 C292 2-B2 C383 17-A6 C202 13-B7 C293 2-D2 C384 16-B7 C203 13-A7 C294 4-A5 C385 16-A7 C204 13-A7 C295 2-C2 C386 20-B5 C205 14-C6 C296 2-C2 C387 19-A2 C206 20-D4 C297 2-B2 C388 17-A5 C207 14-D4 C298 20-D1 C389 16-A7 C208 7-D2 C299 2-C1 C390 16-B7	C196 7-D2 C287 20-B4 C378 19-A3 J6 14-C8 R39 15-C8 R C197 7-D2 C288 2-C2 C379 17-A4 J7 9-C6 R40 11-D5 R C198 7-C1 C289 2-C1 C380 17-A6 J8 6-A4 R41 11-D5 R C199 13-C4 C290 2-D2 C381 16-D7 J9 5-D3 R42 14-C2 R C200 14-D5 C291 2-B1 C382 16-D3 J10 12-A7 R43 8-A3 R C201 14-B4 C292 2-B2 C383 17-A6 J11 4-A4 R44 10-B5 R C202 13-B7 C293 2-D2 C384 16-B7 J12 4-A2 R45 14-D1 R C203 13-A7 C294 4-A5 C385 16-A7 J13 6-C7 R46 14-D1	C196 7-D2 C287 20-B4 C378 19-A3 J6 14-C8 R39 15-C8 R130 21-B1 R221 11-B6 C197 7-D2 C288 2-C2 C379 17-A4 J7 9-C6 R40 11-D5 R131 21-B1 R222 11-C6 C198 7-C1 C289 2-C1 C380 17-A6 J8 6-A4 R41 11-D5 R132 21-B2 R223 11-C2 C199 13-C4 C290 2-D2 C381 16-D7 J9 5-D3 R42 14-C2 R133 21-B1 R224 21-C6 C200 14-D5 C291 2-B1 C382 16-D3 J10 12-A7 R43 8-A3 R134 21-A8 R225 13-C3 C201 14-B4 C292 2-B2 C383 17-A6 J11 4-A4 R44 10-B5 R135 21-A8 R226 13-D3 C202 13-B7 C293 2-D2 C384 16-B7 J12 4-A2 R45 14-D1 R136 17-C5 R227 11-B3 C203 13-A7 C294 4-A5 C385 16-A7 J13 6-C7 R46 14-D1 R137 17-B3 R228 15-D7 C204 13-A7 C295 2-C2 C386 20-B5 J14 18-B7 R47 15-C3 R138 17-B3 R228 15-D7 C205 14-C6 C296 2-C2 C386 C298 17-A5 J16 22-D2 R49 14-C2 R140 16-A3 R231 18-B2 C207 14-D4 C298 20-D1 C389 16-A7 J17 22-A3 R50 14-C2 R141 16-A3 R231 18-B2 C208 7-D2 C299 2-C1 C399 16-B7 J18 22-A6 R51 15-D5 R142 18-A3 R233 15-C7	C196 7-D2	C196 7-D2 C287 20-B4 C378 19-A3 J6 14-C8 R39 15-C8 R130 21-B1 R21 11-B6 R312 21-B3 R500 20-D7 VR1 22-A7 XH83 24-B1 C197 7-D2 C288 2-C2 C379 17-A4 J7 9-C6 R40 11-D5 R131 21-B1 R222 11-C6 R313 21-B2 R223 11-C2 R313 21-B2 R23 R34 20-B2 R34
C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310	C299 2-C1 C390 16-B7 C300 2-B2 C391 18-B4 C301 2-B1 C392 17-A6 C302 2-B2 C393 17-A4 C303 20-D2 C394 16-C7 C304 20-D1 C395 16-D7 C305 20-C3 C396 16-D7 C306 2-C2 C397 8-C6 C307 2-C1 C398 8-C6 C308 2-C2 C399 20-C5 C309 20-D2 C400 16-D3 C310 20-B4 C401 16-D2 C311 4-B6 C402 16-D2	C299 2-C1 C390 16-B7 J18 22-A6 R51 15-D5 R C300 2-B1 C391 18-B4 ————————————————————————————————————	C299 2-C1 C390 16-B7 J18 22-A6 R51 15-D5 R142 18-A3 R233 15-C7 C300 2-B1 C391 18-B4 R52 6-C2 R143 17-C2 R234 15-C7 C301 2-B1 C392 17-A6 L1 14-A2 R53 15-D5 R144 17-C2 R235 14-A5 C302 2-B2 C393 17-A4 L2 14-B5 R54 15-D5 R145 16-B8 R235 14-A3 C303 20-D2 C394 16-C7 L3 8-B4 R55 6-B5 R146 8-B7 R237 14-D4 C304 20-D1 C395 16-D7 L4 8-B8 R56 21-B6 R147 8-B7 R237 14-D4 C305 20-C3 C396 16-D7 L5 8-D7 R57 21-B6 R148 8-B5 R239 14-B5 C306 2-C2 C397 8-C6	C299 2-C1 C390 16-B7 J18 22-A6 R51 15-D5 R142 18-A3 R233 15-C7 R324 2-D8 RP11 21-C4 C300 2-B2 C391 18-B4 R52 6-C2 R143 17-C2 R234 15-C7 R325 12-B4 RP12 21-C1 C301 2-B1 C392 17-A6 L1 14-A2 R53 15-D5 R144 17-C2 R235 14-A5 R326 21-A2 RP13 16-C3 C302 2-B2 C393 17-A4 L2 14-B5 R54 15-D5 R145 16-B8 R236 14-A3 R327 2-A7 RP14 16-C3 C303 20-D2 C394 16-C7 L3 8-B4 R55 6-B5 R146 8-B7 R237 14-D4 R328 21-A1 RP15 10-B7 C304 20-D1 C395 16-D7 L5 8-D7 R57 21-B6 R148 <	C299 2-C1
1 2 3 4 5 5 7 3 9 0 1 2	1 4-B6 C402 16-D2 C4-B5 C403 16-C7 C404 16-C7 C404 20-C5 C405 20-C5 C405 20-C5 C405 20-C5 C406 8-C6 C407 22-A4 C7 2-D2 C408 16-D2 C408 16-D2 C408 16-D2 C413 10-B6 C4	1 4-B6 C402 16-D2 L11 11-B3 R63 21-B7 R 2 4-B5 C403 16-C7 L12 11-C3 R64 21-A7 R 3 2-D1 C404 20-C5 L13 11-B3 R65 21-B5 R 4 2-C1 C405 20-C5 L14 11-C3 R66 6-C2 R 5 2-B2 C406 8-C6 L15 11-B3 R67 3-D2 R 6 20-D3 C407 22-A4 L16 14-C4 R68 21-B7 R 7 2-D2 C408 16-D2 L17 10-C6 R69 21-A7 R 8 2-C2 C409 20-C5 L18 8-A4 R70 21-B6 R 8 2-0-C2 C410 10-B5 L19 8-A7 R71 21-A6 R 9 2-B2 C411 10-B6 L20 16-D7 R72 21-A5 R 1 20-D3 C412 10-B6 L21 16-D7 R73 21-B7 R 2 20-C1 C413 10-B6 L22 8-B6 R74 3-D2 <	1 4-B6 C402 16-D2 L11 11-B3 R63 21-B7 R154 10-A6 R245 10-C7 2 4-B5 C403 16-C7 L12 11-C3 R64 21-A7 R155 10-A6 R245 10-C7 3 2-D1 C404 20-C5 L13 11-B3 R65 21-B5 R156 10-A6 R247 14-D5 4 2-C1 C405 20-C5 L14 11-C3 R66 6-C2 R157 10-A7 R248 11-B7 5 2-B2 C406 8-C6 L15 11-B3 R67 3-D2 R158 16-A8 R249 12-B2 6 2-D3 C407 22-A4 L16 14-C4 R68 21-B7 R159 22-D4 R250 15-D3 7 2-D2 C408 16-D2 L17 10-C6 R69 21-A7 R160 22-D5 R251 11-C5 3 2-C2 C409	1 4-B6	14 4-B6
323 324 325 326 327 328 329 330 331 332 333	323 2-C2 C414 10-B6 C324 2-D1 C415 10-B6 C325 2-C2 C416 10-B6 C325 2-C2 C416 10-B7 C327 19-A7 C418 22-A6 C328 20-C3 C419 22-B7 C329 2-C2 C420 22-D2 C330 2-B2 C421 10-A7 C331 20-B5 C422 10-A6 C423 10-A6 C423 10-A6 C424 C425 C426 C	1323 2-C2 C414 10-B6 L23 22-B8 R75 21-B7 R	123 2-C2 C414 10-B6 L23 22-B8 R75 21-B7 R166 22-C2 R257 11-C6 R258 11-B4 R252 22-C2 R257 11-C6 R258 11-B4 R252 22-C2 R258 R258 11-B4 R252 R258 R258 11-B4 R259 R258 R258	123 2-C2 C414 10-B6 L23 22-B8 R75 21-B7 R166 22-C2 R257 11-C6 R348 16-B3 RP35 16-B1 R75 21-B7 R167 22-C1 R258 R11-B4 R349 16-A7 RP50 20-D7 R252 2-C2 C416 10-B6 LP1 15-B2 R77 21-B6 R168 22-C1 R259 14-D2 R350 17-C8 RP51 20-C7 R252 20-B7 R257 11-C4 R259 14-D2 R259 R25	232 2-C2 C414 10-B6 L23 22-B8 R75 21-B7 R166 22-C2 R257 11-C6 R348 16-B3 RP35 16-B1 XH28 24-C2 XH119 24-C1 R258 R259 R257 R250 R258 R259 R259 R259 R259 R259 R259 R259 R259
4567890123	42 -D3	14 2-D3	14 2-D3 C425 10-A6 C6 15-B3 R86 6-B2 R177 10-A7 R268 8-B2	44 2-D3 C425 10-A6 Q6 15-B3 R86 6-B2 R177 10-A7 R268 8-B2 R359 16-D8 U5 7-A7 55 2-B2 C426 10-A6 Q7 14-B8 R87 21-B7 R178 10-A6 R269 8-B2 R360 8-C5 U6 12-B2 66 2-C2 C427 10-A6 Q8 14-C8 R88 20-D7 R179 10-A6 R270 8-B2 R361 16-B3 U7 8-A3 77 12-C4 C428 10-A5 Q9 11-B3 R89 3-B8 R180 10-A6 R271 15-D5 R362 8-C5 U8 8-A6 8 12-B4 C429 22-D3 Q10 12-B2 R90 3-B8 R181 10-A6 R272 21-C6 R363 16-B8 U9 5-C7 99 2-D2 C430 22-C5 R1 13-C7 R92 3-B8 R182<	2-D3
1 2 1 1 2 1 1	16-D3 C441 22-B4	18-B6 C435 22-C3 R5 14-B2 R96 3-B7 R 20-D4 C436 22-C4 R6 9-B6 R97 6-C8 R 17-A5 C437 22-C2 R7 7-A7 R98 8-A5 R 18-B4 C438 22-C4 R8 21-C5 R99 6-B2 R 20-C5 C439 22-C4 R9 13-B7 R100 6-B2 R 17-A6 C440 22-C3 R10 13-C7 R101 6-B1 R 16-D3 C441 22-B4 R11 13-B7 R102 6-B1 R	3-B1 C434 22-C3 R4 15-B2 R95 8-A7 R186 15-B2 R277 15-C5 R96 3-B7 R186 R279 15-C5 R96 3-B7 R187 15-B3 R279 15-C5 R97 R187 R187 R188 R279 R279 R279 R279 R279 R279 R279 R279	3-B1 C434 22-C3 R4 15-B2 R95 8-A7 R186 15-B2 R277 15-C5 R368 8-C4 U14 8-C5 R86 R876 C435 22-C3 R5 14-B2 R96 3-B7 R187 15-B3 R278 15-D5 R369 19-A4 U15 9-C7 R280 R278 R278 R278 R278 R278 R278 R278 R278	3-B1 C434 22-C3 R4 15-B2 R95 8-A7 R186 15-B2 R277 15-C5 R368 8-C4 U14 8-C5 XH48 24-D2 XH139 24-C2 XH29 R20-D4 R20-
20- 20- 19- 16- 16- 17- 16- 19- 16-	-B2	PB2	PB2	HB2	HB2 C443 22-B4 R13 14-C7 R104 6-B2 R195 15-B3 R286 15-B5 R377 8-C6 U23 15-C4 XH57 24-D3 Y4 8-A7 R286 R291 R14 R14 R196 R291 R197 R389 R382 R379 R382 R379 R388 R388 R388 R388 R388 R388 R388 R38
17-A6 17-B1 20-D5 17-A6	D3 2-C8 D4 2-C8 D5 2-C8	D3 2-C8 R22 14-C7 R113 2-B7 R D4 2-C8 R23 9-C7 R114 6-B1 R D5 2-C8 R24 9-D7 R115 6-B1 R	D3 2-C8 R22 14-C7 R113 2-B7 R204 10-C6 R295 3-B8 D4 2-C8 R23 9-C7 R114 6-B1 R205 7-A3 R296 12-D4 D5 2-C8 R24 9-D7 R115 6-B1 R206 7-A3 R297 12-C6	D3 2-C8 R22 14-C7 R113 2-B7 R204 10-C6 R295 3-B8 R386 21-D3 U32 4-A7 D4 2-C8 R23 9-C7 R114 6-B1 R205 7-A3 R296 12-D4 R387 16-D8 U33 19-C7 D5 2-C8 R24 9-D7 R115 6-B1 R206 7-A3 R297 12-C6 R388 16-D8 U34 4-A7	D3 2-C8 R22 14-C7 R113 2-B7 R204 10-C6 R295 3-B8 R386 21-D3 U32 4-A7 XH66 24-A3 D4 2-C8 R23 9-C7 R114 6-B1 R205 7-A3 R296 12-D4 R387 16-D8 U33 19-C7 XH67 24-C2 D5 2-C8 R24 9-D7 R115 6-B1 R206 7-A3 R297 12-C6 R388 16-D8 U34 4-A7 XH68 24-C2 D6 2-C8 R25 10-B7 R116 2-B8 R207 15-B7 R298 12-B4 R389 14-A2 U35 5-C5 XH69 24-B3
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	8	7	6	5	4	3	2	1
Ve	rsion V1	1/16/96	Version V3	3/6/96	Version V5	6/5/96	Version V6> preEVTS	7/29/96
Shi Shi Shi Shi	eet 24 Add 4pcs 256 eet 25 Add VI cenned eet 2 Change 603e	· ARI. Add ATI264 kx16 EDO DRAM as video buffer stor and Mach for VI interface	Sheet 7 Add Comm slot Sneet 9 Add 100k pulluf Sneet 15 Change all serie Sneet 16 Add pull up to 1	PCI Grant and Request signals for 3rd PCI slot detect and snoop enable bit to O'Hare to DS8925's 4ve differential input s term res from 33 to 51 PMW signals and change EMI caps smaller illup and pulldown to 10k	Sheel 14 Use 74HC32 as OR gate for sensible 16,17 Change stuffing option to ATI264 Tweak SRS resistor values	se logic GT-B	Sheet 3 Sheet 21 Sheet 22 Sheet 14 Sheel 14 Shee	
L			Add resistor en	while snooping A replace with TLE2062 (higher drive)	Version V5	6/6/96		
Ve	rsion V1	2/1/96	Sheel 11 No connection f	or VREF of LS1176	Sheel 11 Add 0805 pads for ferrite at ADB Change PSX to PSX+	per	Version V7> EVT3 Sheet 11 Revert stuffing option back to Cuda 2.4	8/5/96
	eet 23 Repin VI Mac	ve SCSI term to active his pixel signals	Version V4	4/9/96	h-100 Notes - 100			
	Use MACH_C	LK instead of C32M_VID as clk for VI Mach	Sheel 15-25 Resequence sh Sheet 2.18 Support for Sirce		Version V5 Sheet 2 Add series term res to CPU_BR*	6/10/96		
Ma	ersion V1	2/5/96	Add parallel ten Sheet 6 Add RC parallel		Sheet 8 Teak Athens Vdd series res to 3. Tweak series ferm res of Athens	.3	Version V8	8/19/96
Sh Sh	iset 10 Remove activitiest 15 Run ATI_DCL	e SOSI term. K from VI Mach to ATI's DCLK	Sheel 9 Sheel 10 Sheet 10 Sheet 11 Sheet 11,22 Sheet 11,22 Sheet 11,22 Sheet 12 Add parallel ten	res to IDE signals 109 as active SCSI termation buffer sys_reset n res to L2 cache clk	Sheet 21 Change pullup for PSX to 10k Add pull down to L2_TSTOLK Add pullup to TT(1), TT(3) and TE Add 3.3V clamp for EDO sense	signal	Sheet 17 Sheet 3 Sheet 20 Change geometry for SGRAMs to enlarge Change PSX+ symbol. Pin C1 for TT_OE Replace R339 by short. Run separate PROC_PWR trace from regions Change larm resistor at SYSCLK_CACHE To reduce EMI leakage from RGB signals near ATI264 and stuff 301chm with 12pf in	instead of pin A2. Ilator for PROC_AVDD to 33 fallon to cou ciki
Tve	ersion V1> use for pre f	VT1 2/12/96		dio gain by 2 ogic to support Syrah monitor out jack to 4-channel type	Sheet 7 Disconnect 3.3V pullup for MIC_	6/11/96 SENSE	Sheet 2 Run 3.3V directly to processor IO power Sheet 20 Change five 2.2uF caps for processor core	power to 4.7uF
	sheets Rename all re		Sheet 16 Update the ATI: Sheet 18 Add pullup for it Use F125 to tri-	164 connection with ATI's review ICADD and pull down for HFL state CSYNC*.	drois, and an arrangement of the second of t	NATION SALE	Sheet 11 Add resistor (stuffing option) to route or ur Sheet 6 No stuff 33pf caps for PCI clk No stuff pull down resistor for EPROM's c	
				SYNC* on HSYNC* feature decoupling caps around L2 cache slot	Version V5	6/13/96	Name	44411.000-04-11-11-11-11-11-11-11-11-11-11-11-11-11
Ve	ersion V2> use for EVT	2/12/96		and pulldown value of PSX ullup	Sheet 3 Update PSX+ symbol. Add transis Sheet 8 No stuff the res that connect II2C	ster circuit to TT(0), TT(2) and TT(4) bus to fexconn	Version V8> preDVT2 Sineet 3,8,2 Change stuffings for PSX+	8/23/96
·			Version V3> use for pre EV	T2 4/26/96				
ļ	ersion V3	2/13/96	Sheet 16 Enable relocate	ple IO space for ATI264	Sheet 20 Remove socket for ATI264	6/20/96		
		g caps to ATI264 g caps btw 5v and 3.3v around ATI264			Change voltage regulator to 2.62V Sheel 18 Change VI Mach part# to custom		Version V9> DVT Sheel 15 Change R connecting sound out shield to	9/10/96
Ve	ersion V3	2/15/96		4/30/96 erm res of Athens from 51 to 33	Sheet 22 Remove VI Mach socket Change direct connector part# 513 Sheet 13 Change -5V series resistor to 566 Sheet 21 Stuff resistor to add uP output hole	hm	Sheet 16 Change term R for MMCLK from 51 to 0 (r Sheet 17 No stuff resistor connecting to A15/VPP o Change EMI cap for BOXID0 from 0.001uI	educe skew) f ATI EPROM F to 0.1uF (improve video)
1	_	or ID 0 to pin136 of ATI264 nnection of PCI_VIDEO_REQ* to PCI slot	Change cap at	PCI olk Beruit's XTALI to 93pf	Sheet 12 Change part# of 8kx8 SRAM to 32		Sheet 2 No stuff 0.01uF caps connecting 6V and c All Sheets 8 Resequence reference designators Sheet 2 Change 33.35 and 31.3344MHz crystals to	
			Version V5	5/6/96	Version V6	7/4/96	Sheet 3 Change seris term res for TT0,2,4 signals Sheet 2.21 Remove resistors stuffings for 604	from 51 to 0
ļ	rsion V3	2/17/96	Sheet 14,15 Change sense Sheet 7 Reroule mic ser Sheet 11 Add EMI cap to		Sheel 20 Change ground clip partil to 805-1 Sheel 24 Add ground vias for shielding VI s	518	Sheet 3 Change pull down transistors for TT0,2,4 s Change EMI caps for RGB lines from 12pt	to 10pf
Sh	eet 15 Add more res	stuffing option for GT-B	<u> </u>				Version V10 → rev B proto	10/10/96
Vo	ersion V3	2/23/96	Version V5	5/7/96	Version V5	7/18/96	Sheet 20 Add 100k pull up for RAS and CAS sign	
Sh	eet 2 Change heats eet 15 Change stuffir Change stuffir	ink to 730-0074 (blue heatsink) g to supply 3.3v to AVdd of ATI264 g to enable VGA mode for ATI264	Sheet 14 Add NS AWAC	S as alt to Crystal AWACS	Sheet 8, 16 Sheet 13 Sheet 14 Delete DCLK connection from Ath Add 1k pull down to VID_SND_RE Connect AWACS's AGND2 pin dir	ET ectly to AGND	Add associate part for heelslink with tan No stuff gnd clip and move heatsinks to Change trap circuit for 50Mhz Belrut suc	
	eet 24 Run ROMCS i leet 23 Change VI Ma	rom ATI264 to enable OE* of Bios eprom oh from Mach110 to Mach211	Version V5	5/8/96	Connect AWACS's DGND pin to D Remove components around AWA Sheel 15 Remove Transistors and resistors	CS that are NO STUFF	Version V11 → rev B	11/14/96
L			Sheet 16 Hard join ATI_D	CLK from VI Mach to ATI264	Sheet 19 Add three EMI cap to chassis grid Change FCT245 to FCT2245 / AB' Change series res of IDE signals,	for AMP_R, AMP_L and AMP_RETT245-1 with balanced drive	Sheet 16 Change RSET resistor from 316 to 294 Change RGB caps from 100pt to 47pt	
Ve	rsion V3	3/4/96	Version V5	F (10/22)	No stuff AC termination for IDE da Sheet 16 Add caps in parallel with the 75ch	ita lines ims at BGB lines	Change AVDD caps from 22uF and 0.1uf Sheet 20 Change part# of EMI sound clip to 605-1	618
Sh	eet 15.24 Change video	buffer to SGRAM	Sheet 14 Finalize the ser	se logic using OR gate	Sheet 22 No stuff EMI caps for RGB lines n Sheet 18 Change stuffing option such that (ear foxconn CSYNC is provided by MLB	Sheel 12 Change resistor at FET gale from 1k to 5	1
116	ersion V3	3/5/96	Use OR gate to	buffer the spk off signal from AWACS's P_OUT_1 signal from O'Hare, buffered by OFI gate	Sheet 16,22 Replace parallel 75//301 resistors	OIL FIGURE DAY OU.4 TESISTORS	Version V12> rev C	11/15/96
ļ	reet 8 Delete GIMO		L		Version V6> preDVT	7/19/96	Sheet 20 Short out resistor routing 5V to 1085 regular Sheet 5 Stuff mask ROM	lator
		e SCSI term to active	Version V5	5/29/96	Sheel 20 Change sound jack eml clip part#		Sheet 21 Stuff resistor to trun on burst mode	
Γ	union MO	A 10 C - 1	Sheet 13 Add decoupling	cap to audio signal from Comm slot	Sheel 21 No stuff snoop enable resistor			
ļ	rsion V3 eet 19 Delete regulati	3/6/96 or for uP core. Use one regulator for 603e or 603eV						Change History
L			Version V5 Sheet 11 No stuff the dec	6/4/996 oupling cap at CUDA's reset pin	TNI	OTICE OF PROPRIETAR	BY PROPERTY 1	
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