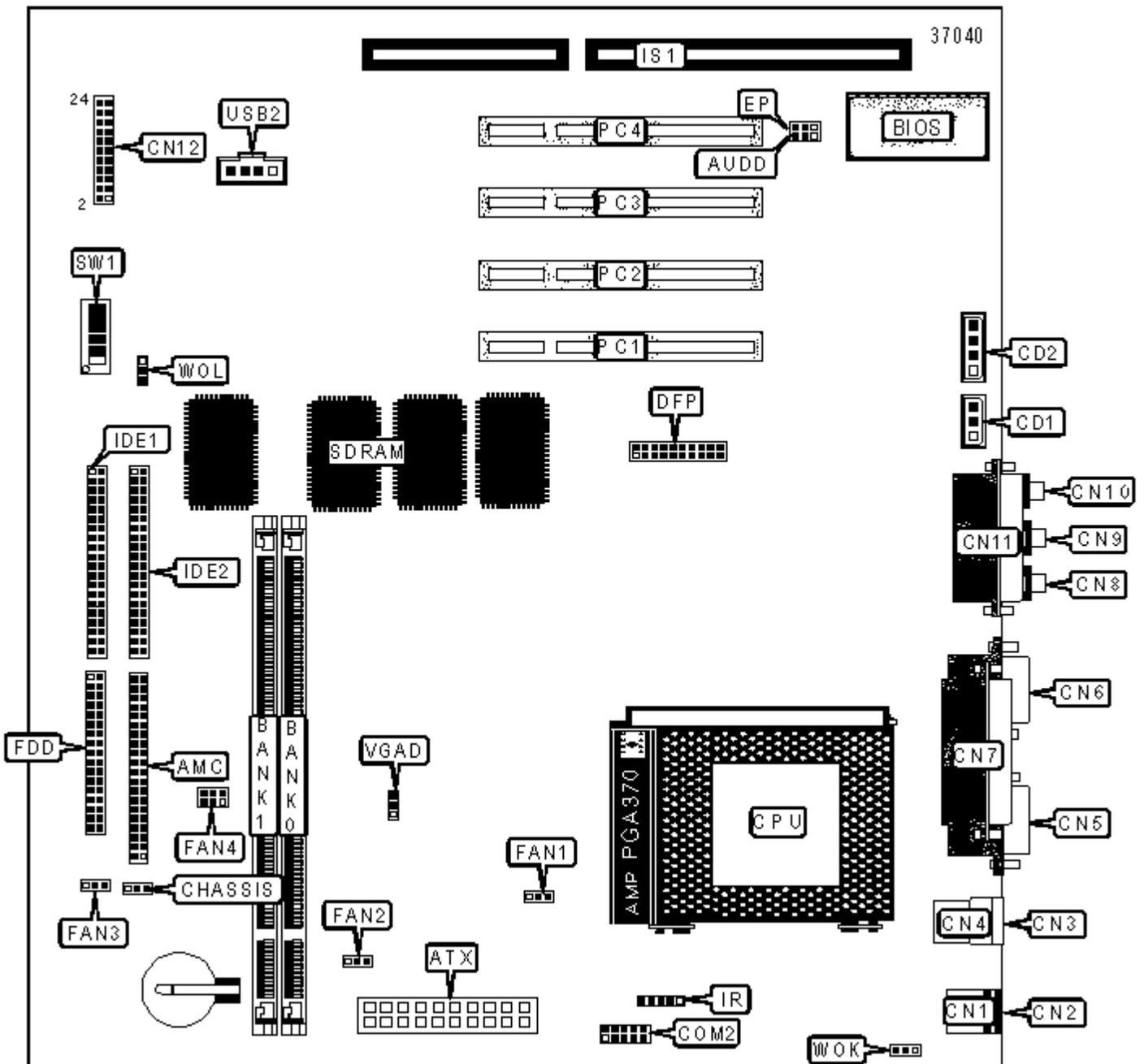


FIRST INTERNATIONAL COMPUTER, INC.

CP31-AG

Device Type	Mainboard
Processor	Celeron
Processor Speed	233/266/300/333/350/366/400/433/450/466/500/550/600/650/700/750MHz
Chip Set	VIA
Video Chip Set	ATI
Audio Chip Set	Yamaha
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the celeron CPU)
BIOS	AMI
Dimensions	244mm x 244mm
I/O Options	16-bit ISA slot (1), 32-bit PCI slots (4), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial interface, serial port, VGA feature connector, VGA port, IR connector, USB interface, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), Wake-on-LAN connector, Digital Flat Panel connector



CONNECTIONS

Purpose	Location	Purpose	Location
VGA Feature connector	AMC	Reset switch	CN12/Pins 15 & 17
ATX power connector	ATX	Green PC switch	CN12/Pins 21 & 23
Audio in - CD-ROM 1	CD1	Message LED	CN12/Pins 22 & 24
Audio in - CD-ROM 2	CD2	Chassis intrusion connector	CHASSIS
PS/2 mouse port	CN1	Serial interface	COM2

PS/2 keyboard port	CN2	Digital Flat Panel connector	DFP
USB port 1	CN3	CPU fan power	FAN1
USB port 2	CN4	Chassis fan power 1	FAN2
Serial port	CN5	Chassis fan power 2	FAN3
VGA port	CN6	Power fan	FAN4
Parallel port	CN7	Floppy drive interface	FDD
Line out	CN8	IDE interface 1	IDE1
Line in	CN9	IDE interface 2	IDE2
Microphone in	CN10	IR connector	IR
Game/MIDI port	CN11	16-bit ISA slot	IS1
IDE interface LED	CN12/Pins 1 & 2	32-bit PCI slots	PC1 - PC4
Speaker	CN12/Pins 7, 9, 11 & 13	USB interface	USB2
Power LED	CN12/Pins 8, 10 & 12	Wake-on-keyboard connector	WOK
Soft off power supply	CN12/Pins 14 & 16	Wake-on-LAN connector	WOL

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	On board audio enabled	AUDD	Pins 1 & 2 closed
	On board audio disabled	AUDD	Pins 2 & 3 closed
»	Flash ROM type select (MXIC 28F2000)	EP	Pins 1 & 2 closed
	Flash ROM type select (SST 29EE020, ATMEL 29C020, AMD 28F020, Winbond W29C020)	EP	Pins 2 & 3 closed
»	CMOS memory normal operation	SW1/5	Off
	CMOS memory clear	SW1/5	On
»	Password normal operation	SW1/6	Off
	Password clear	SW1/6	On
»	On board video enabled	VGAD	Pins 1 & 2 closed
	On board video disabled	VGAD	Pins 2 & 3 closed
»	Wake-on-Keyboard disabled	WOK	Pins 2 & 3 closed

Wake-on-Keyboard enabled	WOK	Pins 1 & 2 closed
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DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64

384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports SDRAM memory.		

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron 300A and greater CPUs.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	On	On	Off	Off
266MHz	66MHz	4x	On	Off	On	On
300MHz	66MHz	4.5x	On	Off	On	Off
333MHz	66MHz	5x	On	Off	Off	On
350MHz	100MHz	3.5x	On	On	Off	Off
366MHz	66MHz	5.5x	On	Off	Off	Off
400MHz	66MHz	6x	Off	On	On	On
400MHz	100MHz	4x	On	Off	On	On
433MHz	66MHz	6x	Off	On	On	Off
450MHz	100MHz	4.5x	On	Off	On	Off
466MHz	66MHz	6.5x	Off	Off	On	On
500MHz	66MHz	7x	Off	Off	On	Off
500MHz	100MHz	5x	On	Off	Off	On
550MHz	100MHz	5.5x	On	Off	Off	Off
600MHz	100MHz	6x	Off	On	On	On
650MHz	100MHz	6.5x	Off	On	On	Off
700MHz	100MHz	6.5x	Off	Off	On	On
750MHz	100MHz	7x	Off	Off	On	Off