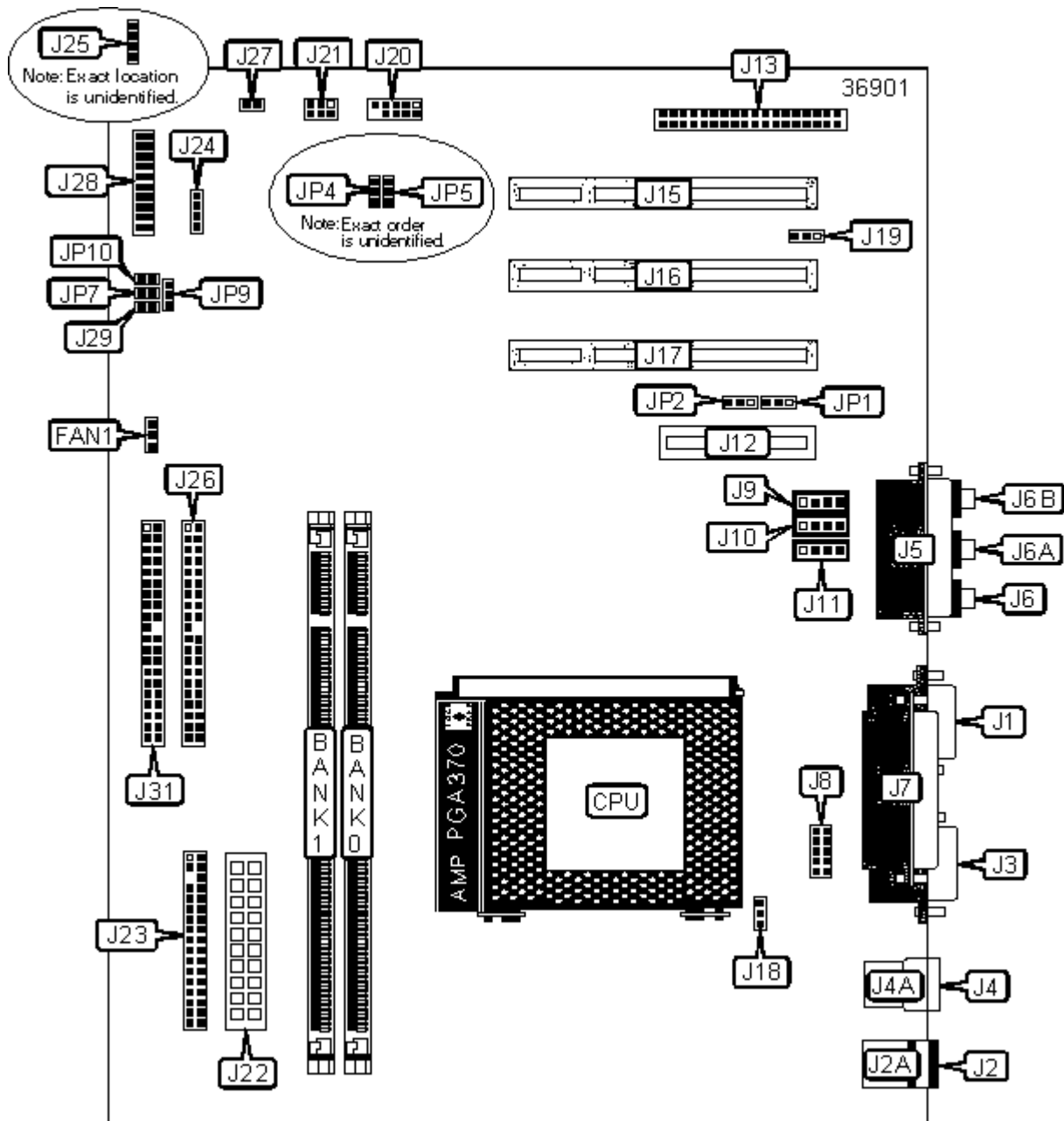


BCM ADVANCED RESEARCH, INC.

IN810

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466MHz
Chip Set	Intel 810
Video Chip Set	Intel 810
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	4MB
Cache	0/128KB (located on the Celeron CPU)
BIOS	AMI
Dimensions	244mm x 216mm
I/O Options	32-bit PCI slots (3), ATX power connector, Audio in - CD-ROM, Audio/Modem Riser slot, Auxiliary audio in, Floppy drive interface, Game/MIDI port, IDE interfaces (2), IR connector, Line in, Line out, Microphone in, Parallel port, PS/2 keyboard port, PS/2 mouse port, SB-Link connector, Serial interface, Serial port, TV/DFP connector, USB interface, USB ports (2), VGA port, Wake-on-LAN connector, Wake-on-modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
System fan power	FAN1	TV/DFP connector	J13
VGA port	J1	32-bit PCI slot 3	J15
PS/2 keyboard port	J2	32-bit PCI slot 2	J16
PS/2 mouse port	J2A	32-bit PCI slot 1	J17
Serial port	J3	CPU fan power	J18
USB port 1	J4	Wake-on-LAN connector	J19
USB port 2	J4A	USB interface	J20

Game/MIDI port	J5	SB-Link connector	J21
Line out	J6	ATX power connector	J22
Line in	J6A	Floppy drive interface	J23
Microphone in	J6B	Speaker	J24
Parallel port	J7	IR connector	J25
Serial interface	J8	IDE interface 2	J26
Audio in - CD-ROM	J9	Wake-on-modem connector	J27
Auxiliary audio in	J10	Front panel interface	J28
Telephony connector	J11	Chassis intrusion connector	J29
Audio/Modem Riser slot	J12	IDE interface 1	J31

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Flash BIOS write protect enabled	JP7	Open
	Flash BIOS write protect disabled	JP7	Closed
»	CMOS memory normal operation	JP9	Unidentified
	CMOS memory clear	JP9	Unidentified
	Safe mode disabled	JP10	Unidentified
	Safe mode enabled	JP10	Unidentified

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 Celeron 300A and greater CPUs.

ONBOARD CODEC SELECTION

Setting	JP1	JP2
Onboard Codec enabled	Closed	Pins 1 & 2 closed
Onboard Codec disabled	Open	Pins 2 & 3 closed

USB SIGNAL SELECTION

Setting	JP4	JP5
USB ports selected	Pins 1 & 2 closed	Pins 1 & 2 closed
USB interface selected	Pins 2 & 3 closed	Pins 2 & 3 closed