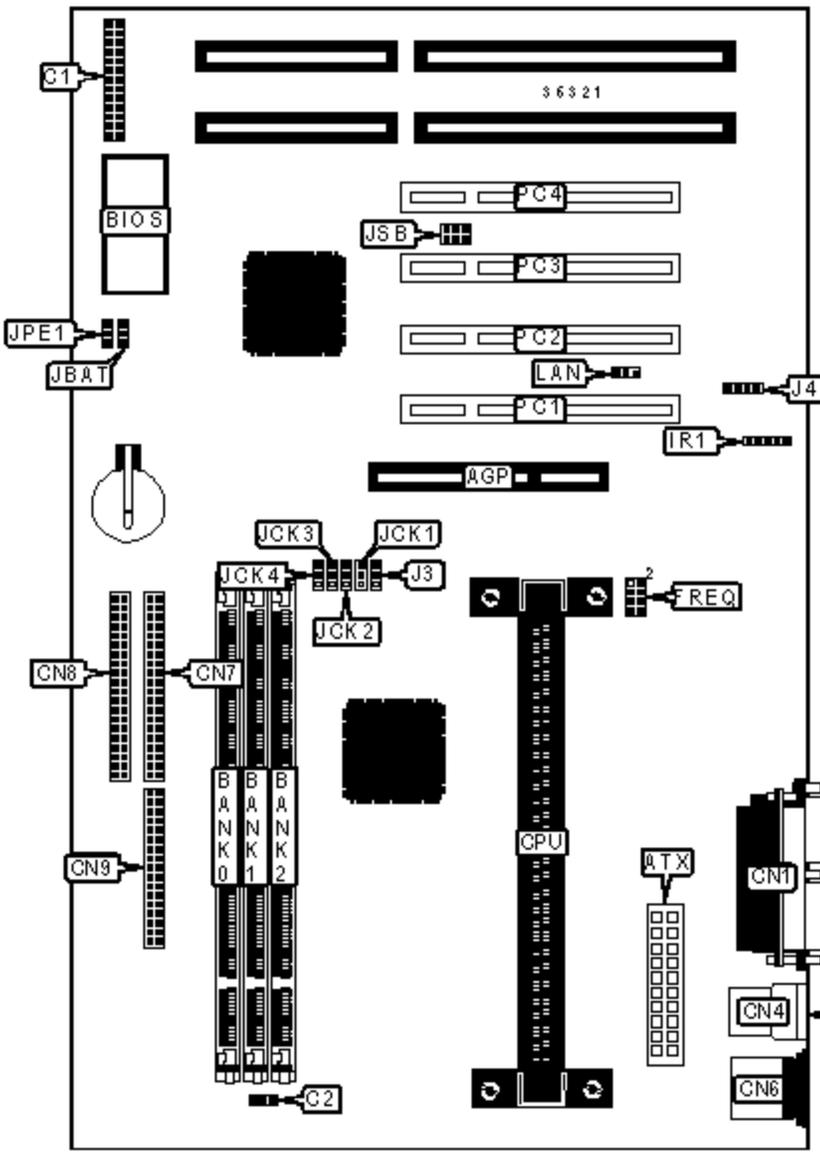


PROCAMP INFORMATICS, LTD.

B783

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/350/366/400/450/500/550MHz
Chip Set	VIA VT
Maximum Onboard Memory	384MB (SDRAM supported)
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 185mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Serial port 1	CN3
ATX power connector	ATX	USB connector 1	CN4

Green PC connector	C1/pins 1 & 2	USB connector 2	CN5
Green PC LED	C1/pins 4 & 5	PS/2 mouse port	CN6
Soft off power supply	C1/pins 7 & 8	IDE interface 1	CN7
IDE interface LED	C1/pins 12 & 13	IDE interface 2	CN8
Speaker	C1/pins 14 - 17	Floppy drive interface	CN9
Reset switch	C1/pins 19 & 20	IR connector	IR1
Power LED & keylock	C1/pins 21- -26	SB-link connector	JSB
Chassis fan power	C2	Wake on LAN connector	LAN
Parallel port	CN1	32-bit PCI slots	PC1 - PC4
Serial port 2	CN2		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	IOQ depth select 4	J3	Pins 1 & 2 closed
	IOQ depth select 1	J3	Pins 2 & 3 closed
»	Factory configured - do not alter	J4	Unidentified
»	CMOS memory normal operation	JBAT	Pins 1 & 2 closed
	CMOS memory clear	JBAT	Pins 2 & 3 closed
	Flash BIOS select 2MB	JPE1	Pins 1 & 2 closed
	Flash BIOS select 1MB	JPE1	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None

24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None

128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION (66MHZ SDRAM FREQUENCY)

CPU speed	Clock speed	Multiplier	FREQ/pins 1 & 2	FREQ/pins 3 & 4	FREQ/pins 5 & 6	FREQ/pins 7 & 8
233MHz	66MHz	3.5x	Closed	Open	Open	Closed

233MHz	66MHz	3.5x	Closed	Open	Open	Closed
266MHz	66MHz	4x	Open	Closed	Closed	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
333MHz	66MHz	5x	Open	Open	Closed	Closed
366MHz	66MHz	5.5x	Closed	Open	Open	Open
350MHz	100MHz	3.5x	Closed	Open	Open	Closed
400MHz	100MHz	4x	Open	Closed	Closed	Closed
450MHz	100MHz	4.5x	Open	Closed	Open	Closed
500MHz	100MHz	5x	Open	Open	Closed	Closed
550MHz	100MHz	5.5x	Closed	Open	Open	Open

CPU SPEED SELECTION (66MHZ SDRAM FREQUENCY, CON'T)

CPU speed	Clock speed	Multiplier	JCK1	JCK2	JCK3	JCK4
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3
333MHz	66MHz	5x	1 & 2	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	2 & 3
350MHz	100MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
400MHz	100MHz	4x	1 & 2	1 & 2	2 & 3	2 & 3
450MHz	100MHz	4.5x	1 & 2	1 & 2	2 & 3	2 & 3
500MHz	100MHz	5x	1 & 2	1 & 2	2 & 3	2 & 3
550MHz	100MHz	5.5x	1 & 2	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (100MHZ SDRAM FREQUENCY)

CPU speed	Clock speed	Multiplier	FREQ/pins 1 & 2	FREQ/pins 3 & 4	FREQ/pins 5 & 6	FREQ/pins 7 & 8
350MHz	100MHz	3.5x	Closed	Open	Open	Closed

350MHz	100MHz	3.5x	Closed	Open	Open	Closed
400MHz	100MHz	4x	Open	Closed	Closed	Closed
450MHz	100MHz	4.5x	Open	Closed	Open	Closed
500MHz	100MHz	5x	Open	Open	Closed	Closed
550MHz	100MHz	5.5x	Closed	Open	Open	Open

CPU SPEED SELECTION (100MHZ SDRAM FREQUENCY, CON'T)

CPU speed	Clock speed	Multiplier	JCK1	JCK2	JCK3	JCK4
350MHz	100MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2
400MHz	100MHz	4x	1 & 2	1 & 2	2 & 3	1 & 2
450MHz	100MHz	4.5x	1 & 2	1 & 2	2 & 3	1 & 2
500MHz	100MHz	5x	1 & 2	1 & 2	2 & 3	1 & 2
550MHz	100MHz	5.5x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.