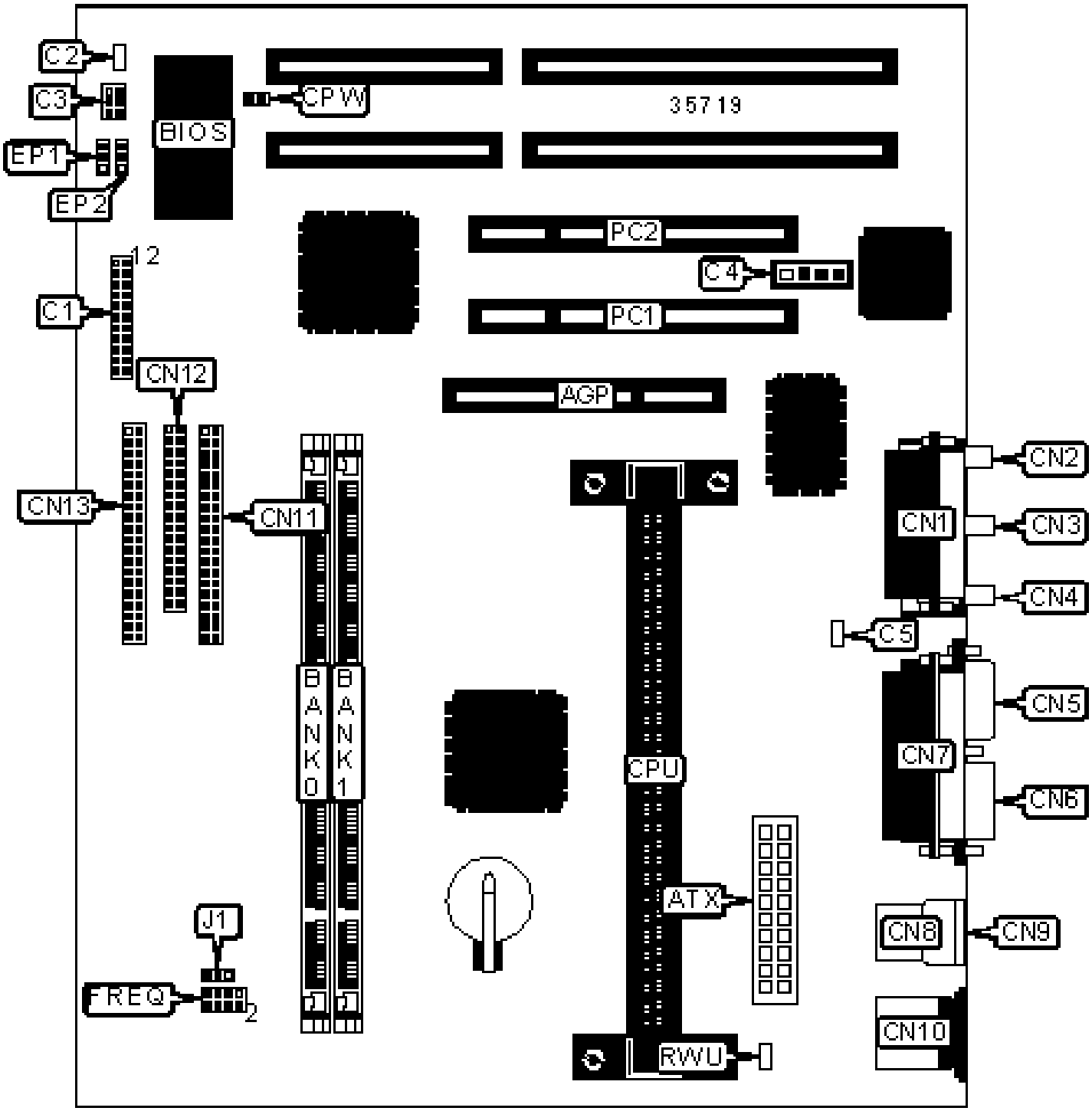
SIEMENS NIXDORF

SYSTEM BOARD VL-603

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Microphone in	CN2
ATX power connector	ATX	Line in	CN3
Power LED & keylock	C1/pins 1 – 5	Line out	CN4
Turbo LED	C1/pins 6 & 7	Serial port 2	CN5
Green PC connector	C1/pins 8 & 9	Serial port 1	CN6
Green PC LED	C1/pins 10 & 11	Parallel port	CN7
Speaker	C1/pins 12 – 15	USB connector 1	CN8
IDE interface LED	C1/pins 16 & 17	USB connector 2	CN9
Soft off power supply	C1/pins 18 & 19	PS/2 mouse port	CN10
Reset switch	C1/pins 20 & 21	IDE interface 2	CN11
Chassis fan power	C2	Floppy drive interface	CN12
SB-link connector	C3	IDE interface 1	CN13
Audio in – CD-ROM	C4	32-bit PCI slots	PC1 – PC2
CPU fan power	C5	Wake on modem connector	RWU
Game/MIDI port	CN1		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Password disabled	CPW	Open
	Password enabled	CPW	Closed
»	CMOS memory normal operation	J1	Pins 2 & 3 closed
	CMOS memory clear	J1	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
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

Note: Board accepts EDO & SDRAM memory.

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

CPU SPEED SELECTION			
CPU speed	Clock speed	Multiplier	FREQ
233MHz	66MHz	3.5x	Pins 5 & 6, 7 & 8 closed
266MHz	66MHz	4x	Pins 1 & 2, 3 & 4, 7 & 8 closed
300MHz	66MHz	4.5x	Pins 3 & 4, 7 & 8 closed
333MHz	66MHz	5x	Pins 1 & 2, 7 & 8 closed

FLASH BIOS SELECTION		
Type	EP1	EP2
AMD 28F020	Pins 1 & 2 closed	Pins 2 & 3 closed
ATMEL AT29C010	Pins 1 & 2 closed	Pins 1 & 2 closed
ATMEL AT29C020	Pins 1 & 2 closed	Pins 2 & 3 closed
Intel 28F001	Pins 2 & 3 closed	Pins 1 & 2 closed
MXIC 28F1000	Pins 2 & 3 closed	Pins 1 & 2 closed
MXIC 28F2000	Pins 2 & 3 closed	Pins 2 & 3 closed
SST 29EE010	Pins 1 & 2 closed	Pins 1 & 2 closed
SST 29EE020	Pins 1 & 2 closed	Pins 2 & 3 closed