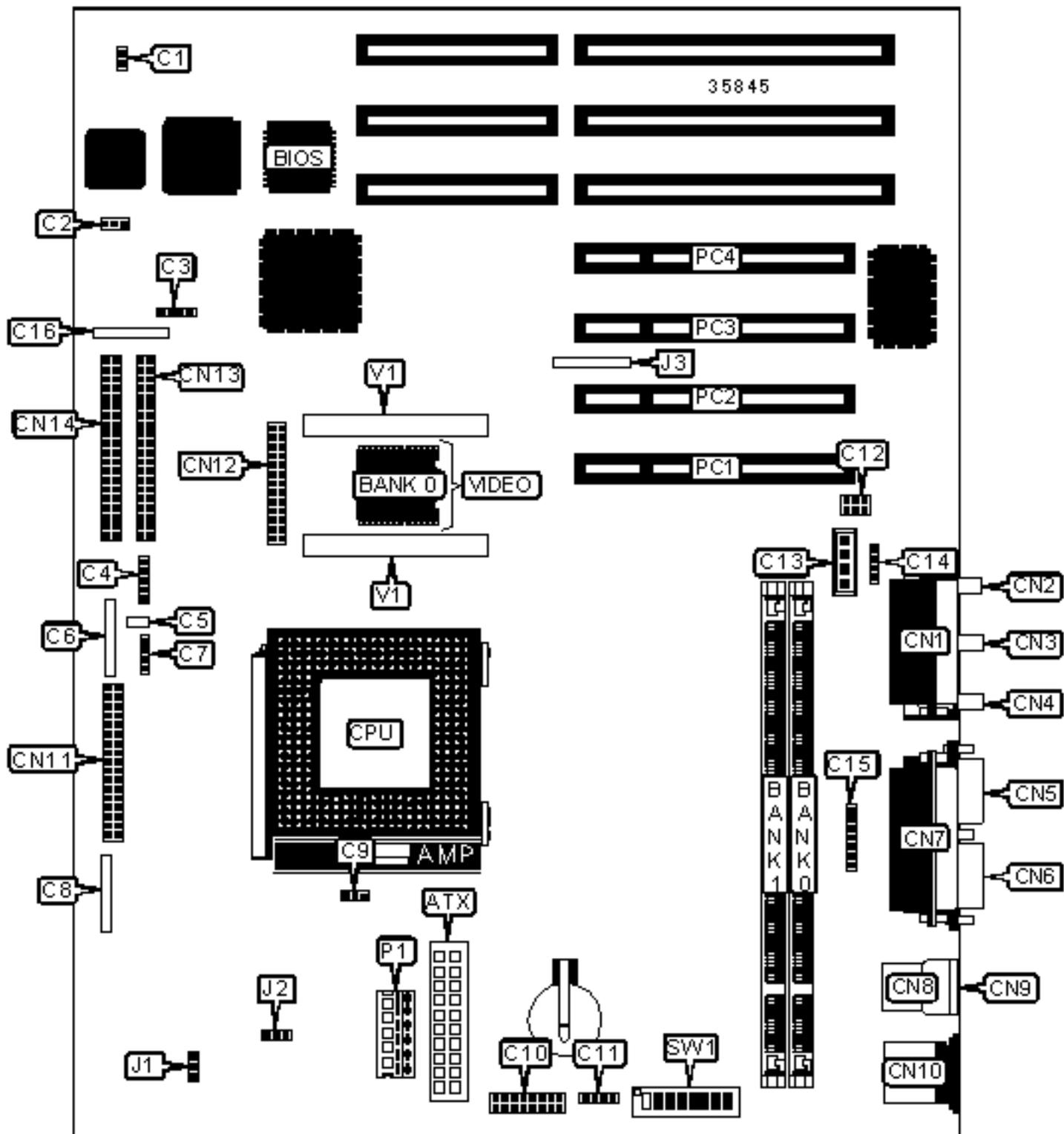


SIEMENS NIXDORF
SYSTEM BOARD D1042

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Game/MIDI port	CN1
Chassis fan power	C1	Line in	CN2
Wake on LAN connector	C2	Line out	CN3
Speaker	C3	Microphone in	CN4
IR connector	C4	VGA port	CN5
Soft off power supply	C5	Serial port	CN6
Front panel connector	C6	Parallel port	CN7
SCSI interface LED	C7	USB connector 1	CN8
Front panel connector	C8	USB connector 2	CN9
CPU fan power	C9	PS/2 mouse port	CN10
Chipcard connector	C10	Floppy drive interface	CN11
Chassis intrusion connector	C11	VGA feature connector	CN12
Modem connector	C12	IDE interface 1	CN13
Audio in – CD-ROM	C13	IDE interface 2	CN14
Auxiliary in connector	C14	32-bit PCI slots	PC1 – PC4
Cover detection connector	C15	3.3v power	P1
I2C connector	C16		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J2	Unidentified
» Factory configured - do not alter	J3	Unidentified
» BIOS normal operation	SW1/5	Off
» BIOS recovery mode	SW1/5	On

»	Factory configured - do not alter	SW1/6	Off
»	Factory configured - do not alter	SW1/7	Unidentified
»	Floppy drive write protect disabled	SW1/8	Off
	Floppy drive write protect enabled	SW1/8	On

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

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
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
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 SDRAM memory.		

CACHE CONFIGURATION
Note: The location of the cache is unidentified.

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	V1
2MB	2MB	None
4MB	2MB	2MB module installed
8MB	2MB	6MB module installed

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On
233MHz	66MHz	3.5x	On	Off	Off	Off

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On
233MHz	66MHz	3.5x	On	Off	Off	Off

CPU TYPE SELECTION

Type	J1
AM K6-166/200	Pins 1 & 2 closed
AM K6-233	Pins 2 & 3 closed
Intel	Open