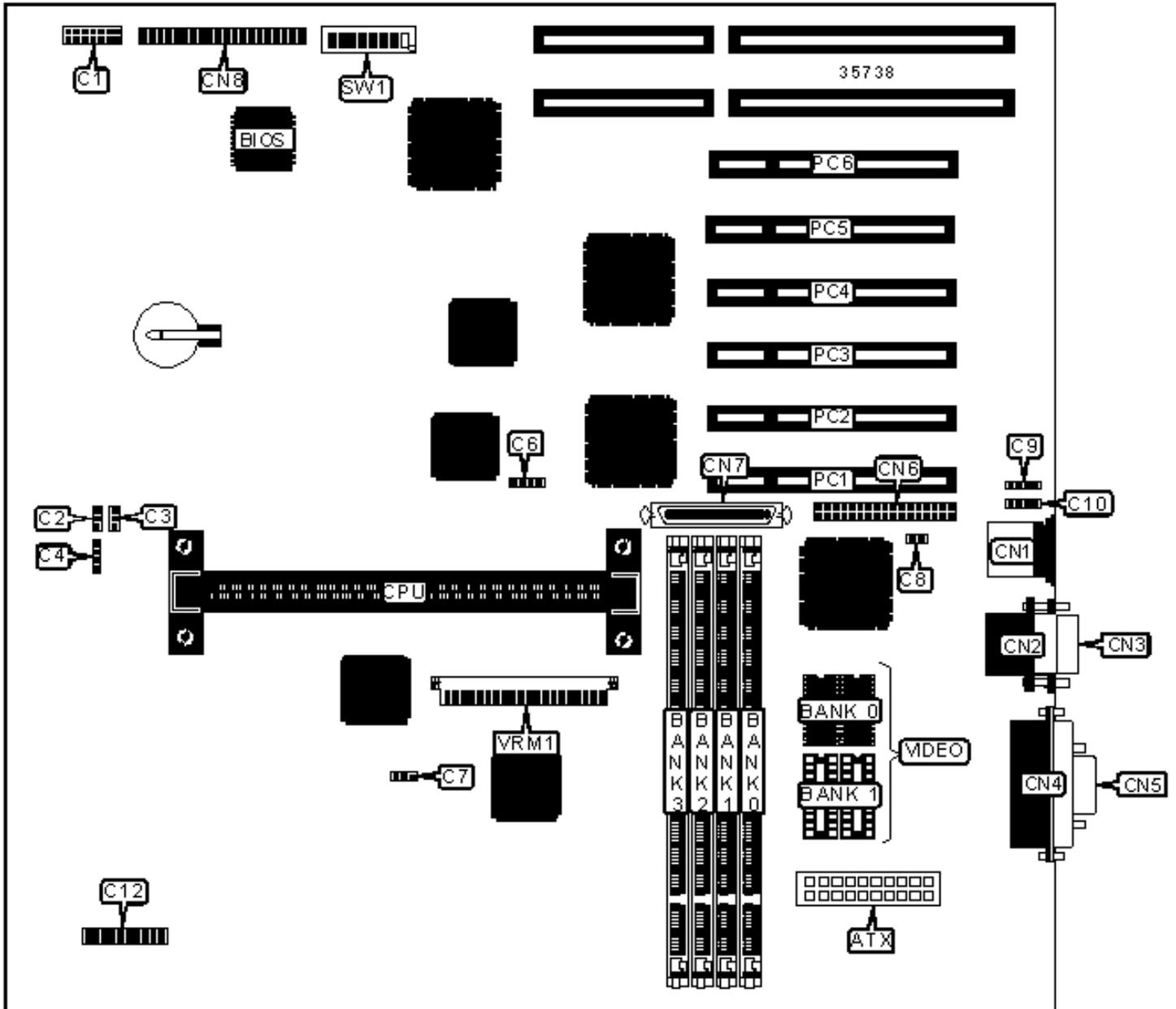


SIEMENS NIXDORF
SYSTEM BOARD D992 (SINGLE)

Configuration



CONNECTIONS

| Purpose | Location | Purpose | Location |
|-----------------------------|----------|---------------------------|-----------|
| ATX power connector | ATX | Front panel connector | C12 |
| SMM connector | C1 | PS/2 mouse port | CN1 |
| Chassis fan power | C2 | Serial port 2 | CN2 |
| Chassis fan power | C3 | Serial port 1 | CN3 |
| Speaker | C4 | Parallel port | CN4 |
| Control panel connector | C5 | VGA port | CN5 |
| Temperature sensor | C6 | Floppy drive interface | CN6 |
| SCSI interface LED | C7 | Ultra Wide SCSI interface | CN7 |
| Wake on modem connector | C8 | IDE interface | CN8 |
| Can bus control connector 1 | C9 | 32-bit PCI slots | PC1 – PC6 |
| Can bus control connector 2 | C10 | VRM connector | VRM1 |

USER CONFIGURABLE SETTINGS

| Function | Label | Position |
|---------------------------------------|-------|----------|
| » Flash BIOS normal operation | SW1/1 | Off |
| Flash BIOS recovery mode | SW1/1 | On |
| » Factory configured - do not alter | SW1/2 | Off |
| » Flash BIOS write protect disabled | SW1/3 | Off |
| Flash BIOS write protect enabled | SW1/3 | On |
| » Floppy drive write protect disabled | SW1/4 | Off |
| Floppy drive write protect enabled | SW1/4 | On |

DIMM CONFIGURATION

| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
|------|--------|--------|--------|--------|
|------|--------|--------|--------|--------|

| | | | | |
|-------|--------------|-------------|-------------|-------------|
| 64MB | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 64MB | (1) 8M x 64 | None | None | None |
| 64MB | (1) 4M x 64 | (1) 4M x 64 | None | None |
| 72MB | (1) 8M x 64 | (1) 1M x 64 | None | None |
| 80MB | (1) 8M x 64 | (1) 2M x 64 | None | None |
| 96MB | (1) 8M x 64 | (1) 4M x 64 | None | None |
| 96MB | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 | None |
| 128MB | (1) 16M x 64 | None | None | None |
| 128MB | (1) 8M x 64 | (1) 8M x 64 | None | None |
| 128MB | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 |

DIMM CONFIGURATION (CON'T)

| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
|-------|--------------|--------------|-------------|-------------|
| 136MB | (1) 16M x 64 | (1) 1M x 64 | None | None |
| 144MB | (1) 16M x 64 | (1) 2M x 64 | None | None |
| 152MB | (1) 16M x 64 | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 160MB | (1) 16M x 64 | (1) 4M x 64 | None | None |
| 176MB | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 192MB | (1) 16M x 64 | (1) 8M x 64 | None | None |
| 192MB | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 | None |
| 224MB | (1) 16M x 64 | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 |
| 256MB | (1) 16M x 64 | (1) 16M x 64 | None | None |
| 256MB | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 |
| 272MB | (1) 16M x 64 | (1) 16M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 288MB | (1) 16M x 64 | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 320MB | (1) 16M x 64 | (1) 16M x 64 | (1) 4M x 64 | (1) 4M x 64 |

| | | | | |
|-------|--------------|--------------|--------------|--------------|
| 320MB | (1) 16M x 64 | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 |
| 352MB | (1) 32M x 64 | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 |
| 384MB | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 | None |
| 512MB | (1) 16M x 64 |

CACHE CONFIGURATION

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

VIDEO MEMORY CONFIGURATION

| Size | Bank 0 | Bank 1 |
|------|---------------|---------------|
| 1MB | (2) 256K x 16 | None |
| 2MB | (2) 256K x 16 | (2) 256K x 16 |

CPU SPEED SELECTION

| CPU speed | Clock speed | Multiplier | SW1/5 | SW1/6 | SW1/7 | SW1/8 |
|-----------|-------------|------------|-------|-------|-------|-------|
| 233MHz | 66MHz | 3.5x | On | Off | Off | On |
| 266MHz | 66MHz | 4x | On | On | On | Off |
| 300MHz | 66MHz | 4.5x | On | Off | On | Off |
| 333MHz | 66MHz | 5x | On | On | Off | Off |