SIEMENS NIXDORF INFORMATIONSSYSTEME AG
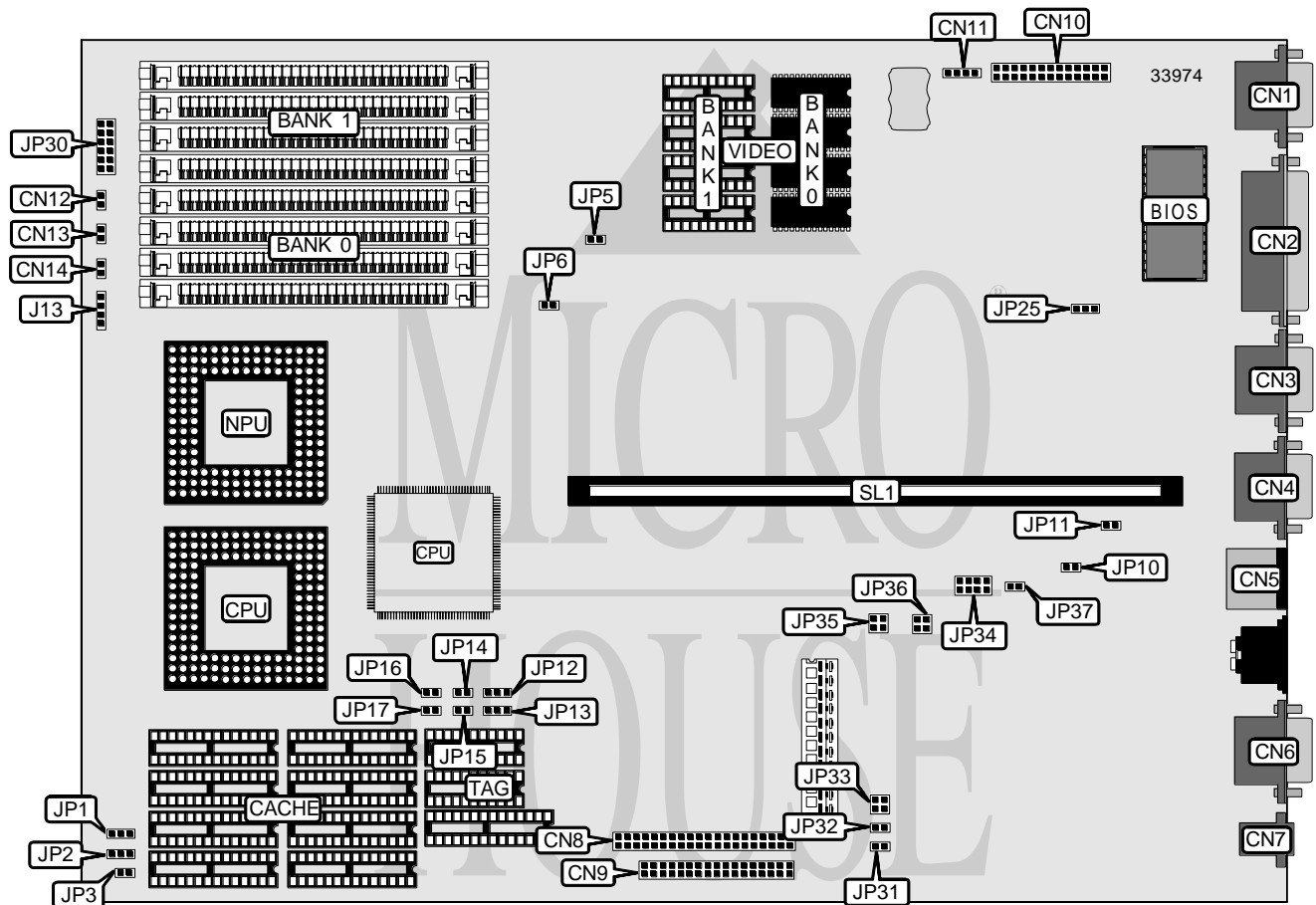# SYSTEM BOARD PCD-4LDX

Processor	80486SX/80487SX/80486DX/80486DX2
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	32MB
Maximum Video Memory	2MB
Cache	64/128/256KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Ethernet 10Base5 connector, Ethernet 10BaseT connector, floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
NPU Options	None

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VGA port	CN1	Floppy drive interface	CN8
Parallel port	CN2	IDE interface	CN9
Serial port 2	CN3	VGA feature connector	CN10
Serial port 1	CN4	External battery	CN11
PS/2 mouse port	CN5	Speaker	J13
Ethernet 10Base5 connector	CN6	Front panel connector	JP30
Ethernet 10BaseT connector	CN7	Riser slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
? Factory configured - do not alter	CN12	Unidentified
? Factory configured - do not alter	CN13	Unidentified
? Factory configured - do not alter	CN14	Unidentified
? Internal speaker enabled	J13	Pins 1 & 2 closed
Internal speaker disabled	J13	Open
External speaker enabled	J13	Closed
? Monitor type select color	JP10	Closed
Monitor type select monochrome	JP10	Open
? PS/2 mouse IRQ12 enabled	JP11	Closed
PS/2 mouse IRQ12 disabled	JP11	Open
? On board video enabled	JP25	Closed
On board video disabled	JP25	Open
? LAN interface enabled	JP31	Open
LAN interface disabled	JP31	Closed
? System booted from hard drive	JP32	Open
System booted from network	JP32	Closed
? LAN type select 10BaseT	JP37	Pins 1 & 2 closed
LAN type select 10Base5	JP37	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(4) 1M x 9	None
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	None
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

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CACHE CONFIGURATION					
Size	**Bank 0**	**Bank 1**	**TAG (U48)**	**TAG (U49)**	**TAG (U50)**
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	None	(1) 16K x 4
128KB	(4) 32K x 8	None	(1) 8K x 8	None	(1) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8	(1) 8K x 8	(1) 16K x 4
Note: The location of banks 0 & 1 and the TAG are unidentified.					

CACHE JUMPER CONFIGURATION						
Size	**JP12**	**JP13**	**JP14**	**JP15**	**JP16**	**JP17**
None	2 & 3	2 & 3	Open	Open	Open	Open
64KB	2 & 3	2 & 3	Open	Open	Open	Open
128KB	1 & 2	1 & 2	Closed	Open	Open	Closed
256KB	2 & 3	2 & 3	Closed	Closed	Closed	Closed
Note: Pins designated should be in the closed position.						

VIDEO MEMORY CONFIGURATION		
Size	**Bank 0**	**Bank 1**
1MB	1MB	None
2MB	1MB	1MB
Note: The size of the video memory chips is unidentified.		

CPU SPEED SELECTION		
Speed	**JP5**	**JP6**
25MHz	Closed	Open
33MHz	Open	Closed
50iMHz	Closed	Open
66iMHz	Open	Closed

CPU TYPE SELECTION			
Type	**JP1**	**JP2**	**JP3**
80486SX	Open	Pins 1 & 2 closed	Open
80486DX	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed
80486DX2	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed

LAN DMA CHANNEL SELECTION		
Channel	**JP35**	**JP36**
í 5	Pins 1 & 2 closed	Pins 1 & 2 closed
6	Pins 3 & 4 closed	Pins 3 & 4 closed

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LAN IRQ SELECTION	
IRQ	**JP34**
None	Open
í IRQ5	Pins 1 & 2 closed
IRQ9	Pins 3 & 4 closed
IRQ10	Pins 5 & 6 closed
IRQ11	Pins 7 & 8 closed

LAN I/O ADDRESS SELECTION	
Setting	**JP33**
í 300H	Pins 1 & 2, 3 & 4 closed
320H	Pins 3 & 4 closed
340H	Pins 1 & 2 closed
360H	Open