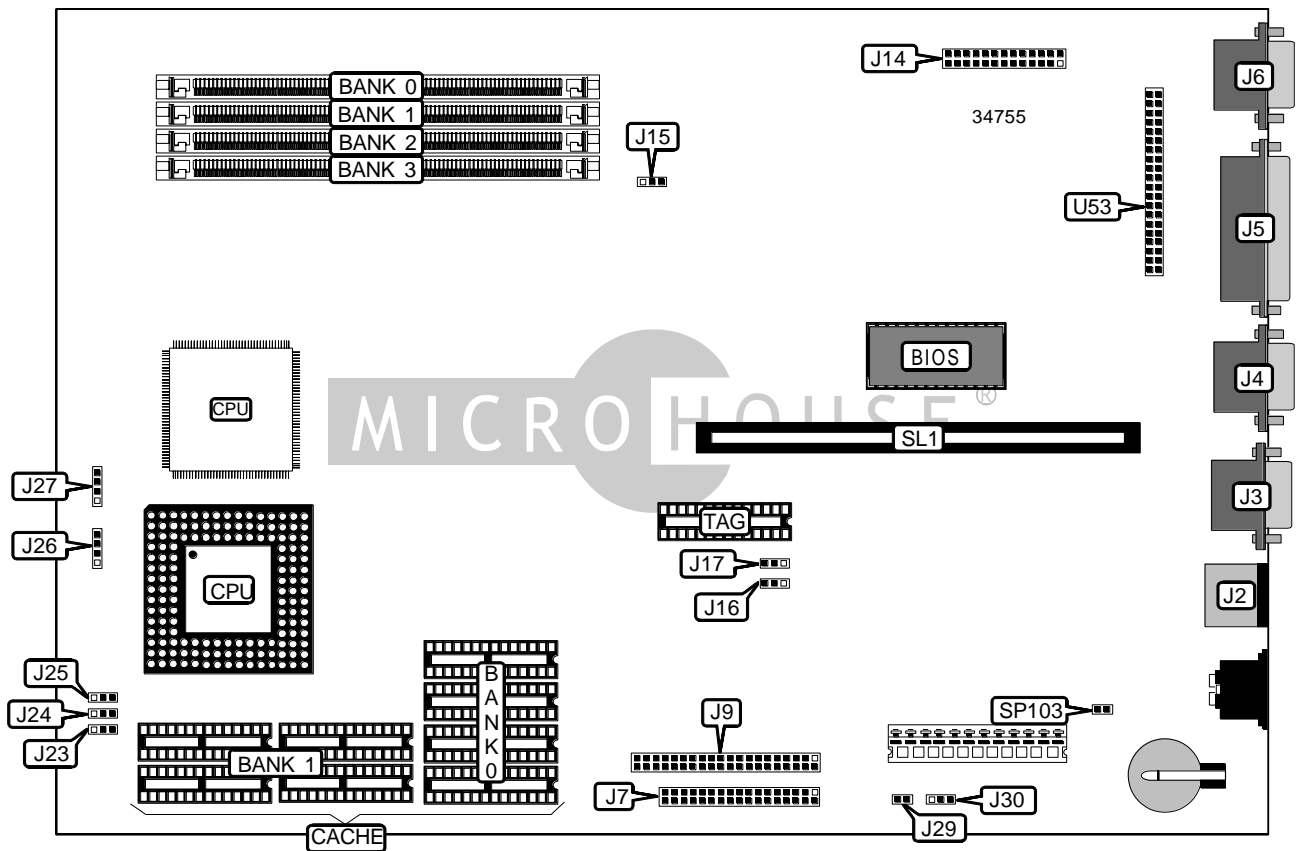


# IBM CORPORATION

## PS/1 TYPE 2133A, 2155A, 2168A (TYPE 1)

<b>Device Type</b>	Mainboard
<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2/P24T
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	64MB
<b>Maximum Video Memory</b>	Unidentified
<b>Cache</b>	128/256KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J2	VGA feature connector	J14
Serial port 1	J3	IDE interface LED	J26
Serial port 2	J4	Speaker	J27
Parallel port	J5	Power supply connector	J29
VGA port	J6	Power supply connector	J30
Floppy drive interface	J7	Riser slot	SL1
IDE interface	J9		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í On board video disabled	J15	Pins 1 & 2 closed
On board video enabled	J15	Pins 2 & 3 closed
í Factory configured - do not alter (password bypass)	SP103	Unidentified
í Factory configured - do not alter	U53	Unidentified

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 1M x 36	(1) 256K x 36	None	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	None	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	None	None
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None	None
33MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	J16	J17
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION  
 Note: The size and location of the video memory is unidentified.

CPU TYPE SELECTION (SX SYSTEM BOARDS)			
Type	J23	J24	J25
80486SX	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
486SX/80487SX	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
486SX/ODP486	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
486SX/Pentium ODP	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU TYPE SELECTION (DX, DX2 SYSTEM BOARDS)			
Type	J23	J24	J25
80486DX	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
80486DX2	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
Pentium ODP	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed