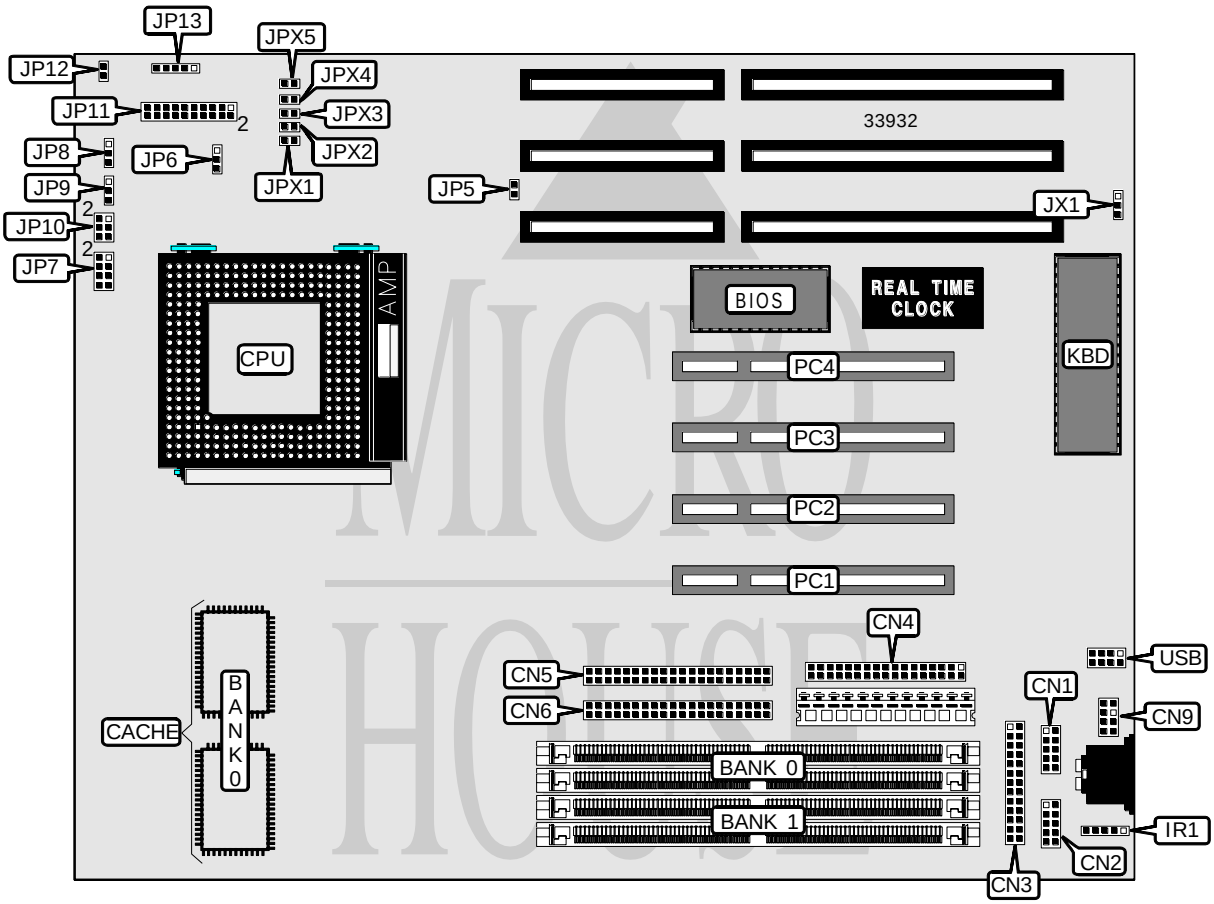
TEKRAM TECHNOLOGY CO., LTD.
P5V30-B4

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connectors (2), USB connector
NPU Options	None



Continued on next page. . .

Copyright © 1996, 1997, **Micro House International** (303) 443-3388. All rights reserved. Including the right of reproduction in any form.

TEKRAM TECHNOLOGY CO., LTD.
P5V30-B4

. . . continued from previous page

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	Power LED & keylock	JP11 pins 2, 6, 8, 10
Serial port 2	CN2	Turbo LED	JP11 pins 3 & 5
Parallel port	CN3	Green PC connector	JP11 pins 7 & 9
Floppy drive interface	CN4	Speaker	JP11 pins 14, 16, 18, 20
IDE interface 1	CN5	Reset switch	JP11 pins 17 & 19
IDE interface 2	CN6	IDE interface LED	JP12
PS/2 mouse interface	CN9	IR connector	JP13
IR connector	IR2	32-bit PCI slots	PC1 - PC4
Chassis fan power	JP8	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed
PS/2 mouse enabled	JX1	Pins 1 & 2 closed
PS/2 mouse disabled	JX1	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory.		

CACHE CONFIGURATION	
Size	**Bank 0**
256KB	(2) 32K x 32

Continued on next page. . .

Copyright © 1996, 1997, **Micro House International** (303) 443-3388. All rights reserved. Including the right of reproduction in any form.

TEKRAM TECHNOLOGY CO., LTD.
P5V30-B4

. . . continued from previous page

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**JPX1**	**JPX2**	**JPX3**	**JPX4**	**JPX5**
120MHz	50MHz	2x	Open	Closed	Closed	Closed	Open
133MHz	55MHz	2x	Open	Closed	Open	Open	Closed
150MHz	60MHz	2x	Open	Closed	Closed	Open	Closed
166MHz	66MHz	2x	Open	Closed	Open	Closed	Closed

CPU SPEED SELECTION (AMD)							
CPU speed	**Clock speed**	**Multiplier**	**JPX1**	**JPX2**	**JPX3**	**JPX4**	**JPX5**
75MHz	50MHz	1.5x	Open	Open	Closed	Closed	Open
90MHz	60MHz	1.5x	Open	Open	Closed	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Closed	Closed
120MHz	60MHz	2x	Open	Closed	Closed	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Closed	Closed
150MHz	60MHz	2.5x	Closed	Closed	Closed	Open	Closed
166MHz	66MHz	2.5x	Closed	Closed	Open	Closed	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Open	Open	Closed	Closed

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JPX1**	**JPX2**	**JPX3**	**JPX4**	**JPX5**
75MHz	50MHz	1.5x	Open	Open	Closed	Closed	Open
90MHz	60MHz	1.5x	Open	Open	Closed	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Closed	Closed
120MHz	60MHz	2x	Open	Closed	Closed	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Closed	Closed
150MHz	60MHz	2.5x	Closed	Closed	Closed	Open	Closed
166MHz	66MHz	2.5x	Closed	Closed	Open	Closed	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Open	Open	Closed	Closed

CPU VOLTAGE SELECTION (SINGLE)				
Voltage	**JP6**	**JP7**	**JP9**	**JP10**
3.3v	1 & 2	1 & 2, 3 & 4, 5 & 6, 7 & 8	2 & 3	N/A
3.52v	2 & 3	1 & 2, 3 & 4, 5 & 6, 7 & 8	2 & 3	N/A
Note: Pins designated should be in the closed position.				

Continued on next page. . .

Copyright © 1996, 1997, **Micro House International** (303) 443-3388. All rights reserved. Including the right of reproduction in any form.

TEKRAM TECHNOLOGY CO., LTD.
P 5 V 3 0 - B 4

. . . continued from previous page

CPU VOLTAGE SELECTION (DUAL)				
Voltage	**JP6**	**JP7**	**JP9**	**JP10**
2.5v	N/A	Open	1 & 2	Open
2.6v	N/A	Open	1 & 2	1 & 2
2.7v	N/A	Open	1 & 2	3 & 4
2.8v	N/A	Open	1 & 2	1 & 2, 3 & 4
2.9v	N/A	Open	1 & 2	5 & 6
3.0v	N/A	Open	1 & 2	1 & 2, 5 & 6
3.1v	N/A	Open	1 & 2	3 & 4, 5 & 6
3.2v	N/A	Open	1 & 2	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.				

Copyright © 1996, 1997, **Micro House International** (303) 443-3388. All rights reserved. Including the right of reproduction in any form.