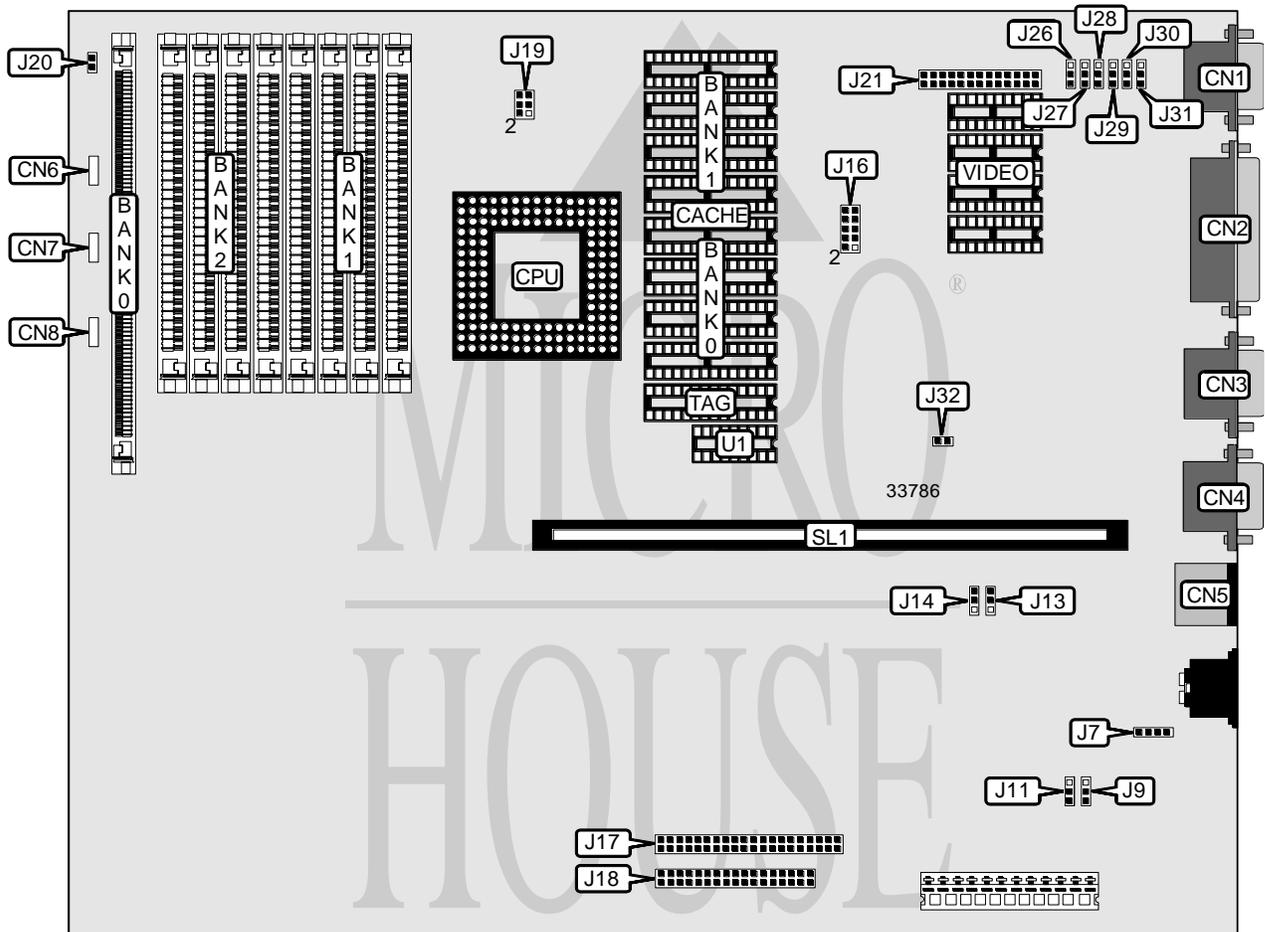


TANDY/RADIO SHACK

425SX/T, 433SX/T, 433DX/T, 450DX2/T, 466DX2/T

Processor	80486SX/ODP486SX/80487SX/80486DX/ODP486SX/80486DX2
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	40MB
Maximum Video Memory	1MB
Cache	64/128/256KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	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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TANDY/RADIO SHACK

425SX/T, 433SX/T, 433DX/T, 450DX2/T, 466DX2/T

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CONNECTIONS			
Purpose	Location	Purpose	Location
VGA port	CN1	Reset switch	CN8
Parallel port	CN2	External battery	J7
Serial port 1	CN3	IDE interface	J17
Serial port 2	CN4	Floppy drive interface	J18
PS/2 mouse port	CN5	VGA feature connector	J21
IDE interface LED	CN6	Riser slot	SL1
Power LED & keylock	CN7		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J9	Pins 1 & 2 closed
í Factory configured - do not alter	J11	Open
í Factory configured - do not alter	J13	Pins 1 & 2 closed
í Factory configured - do not alter	J14	Pins 2 & 3 closed
í CMOS memory normal operation	J20	Closed
CMOS memory clear	J20	Open
í On board video enabled	J28	Pins 2 & 3 closed
On board video disabled	J28	Pins 1 & 2 closed
í Factory configured - do not alter	J29	Open
í Floppy drive write protect disabled	J30	Pins 2 & 3 closed
Floppy drive write protect enabled	J30	Pins 1 & 2 closed
í Factory configured - do not alter	J31	Pins 2 & 3 closed
í Zero wait state enabled	J32	Closed
Zero wait state disabled	J32	Open

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(1) 256K x 36	None	None
2MB	None	(4) 256K x 9	(4) 256K x 9
2MB	(1) 512K x 36	None	None
4MB	None	(4) 1M x 9	None
4MB	(1) 1M x 36	None	None
5MB	None	(4) 1M x 9	(4) 256K x 9
6MB	(1) 512K x 36	(4) 1M x 9	None
8MB	(1) 1M x 36	(4) 1M x 9	None
8MB	(1) 2M x 36	None	None
8MB	None	(4) 1M x 9	(4) 1M x 9
10MB	(1) 512K x 36	(4) 1M x 9	(4) 1M x 9
12MB	(1) 1M x 36	(4) 1M x 9	(4) 1M x 9
12MB	(1) 2M x 36	(4) 1M x 9	None
16MB	(1) 2M x 36	(4) 1M x 9	(4) 1M x 9
16MB	None	(4) 4M x 9	None

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TANDY/RADIO SHACK

425SX/T, 433SX/T, 433DX/T, 450DX2/T, 466DX2/T

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
17MB	None	(4) 4M x 9	(4) 256K x 9
18MB	(1) 512K x 36	(4) 4M x 9	None
20MB	(1) 1M x 36	(4) 4M x 9	None
20MB	None	(4) 4M x 9	(4) 1M x 9
22MB	(1) 512K x 36	(4) 4M x 9	(4) 1M x 9
24MB	(1) 1M x 36	(4) 4M x 9	(4) 1M x 9
24MB	(1) 2M x 36	(4) 4M x 9	None
28MB	(1) 2M x 36	(4) 4M x 9	(4) 1M x 9
32MB	None	(4) 4M x 9	(4) 4M x 9
34MB	(1) 512K x 36	(4) 4M x 9	(4) 4M x 9
36MB	(1) 1M x 36	(4) 4M x 9	(4) 4M x 9
40MB	(1) 2M x 36	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG	U1
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	(1) 64K x 1
128KB	(4) 32K x 8	None	(1) 8K/32K x 8	(1) 64K x 1
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	(1) 64K x 1

CACHE JUMPER CONFIGURATION	
Size	J16
None	Pins 1 & 2, 3 & 4, 5 & 6, 9 & 10 closed
64KB	Open
128KB	Pins 1 & 2, 5 & 6, 7 & 8 closed
256KB	Pins 1 & 2, 3 & 4, 5 & 6, 9 & 10 closed

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
512KB	512KB	None
1MB	512KB	512KB

Note: The size of the video memory chips are unidentified.

CPU SPEED SELECTION		
Speed	J26	J27
25MHz	Pins 1 & 2 closed	Pins 2 & 3 closed
33MHz	Pins 1 & 2 closed	Pins 1 & 2 closed
50iMHz	Pins 1 & 2 closed	Pins 2 & 3 closed
66iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed

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CPU TYPE SELECTION	
Type	J19
80486SX	Pins 1 & 3, 2 & 4 closed
ODP486SX	Pins 1 & 3, 2 & 4 closed
80487SX	Pins 1 & 3, 2 & 4 closed
80486DX	Pins 3 & 5, 4 & 6 closed
ODP486DX	Pins 3 & 5, 4 & 6 closed
80486DX2	Pins 3 & 5, 4 & 6 closed