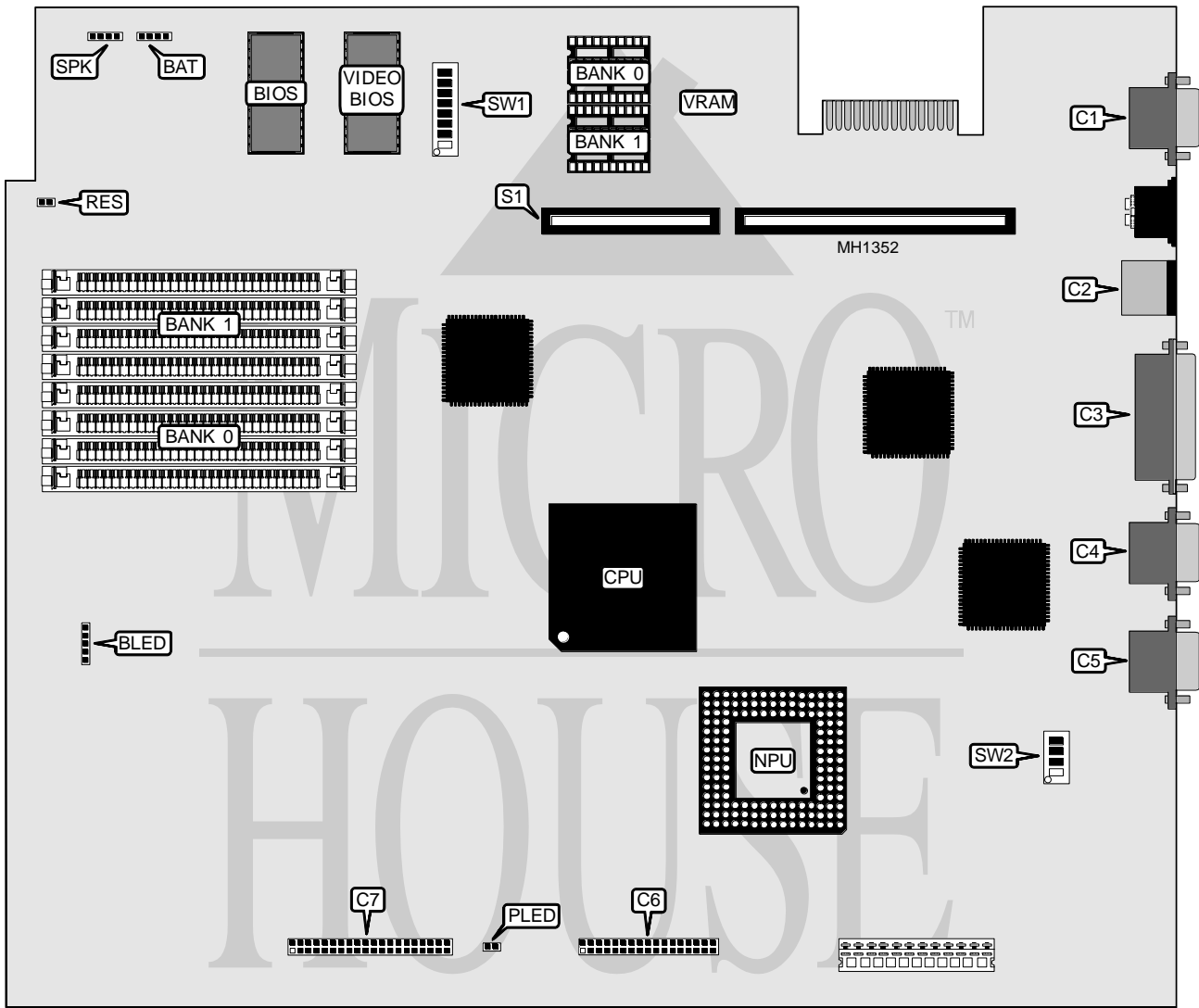


TANDY/RADIO SHACK MFP/420S

Processor	80486SX/80487SX
Processor Speed	20MHz
Chip Set	Tandy
Max. Onboard DRAM	32MB
Cache	None
BIOS	Phoenix/Grid
Dimensions	355mm x 304mm
I/O Options	Bus mouse port, floppy drive interface, IDE interface parallel port, serial port (2), VGA feature connector, VGA port
NPU Options	4167



VRAM CONFIGURATION			
Size	VRAM	Location	SW1/switch 6
512KB	(2) 44256	Bank 0	closed
1024KB	(2) 44256	Banks 0 & 1	open

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TANDY/RADIO SHACK

MFP/420S

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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	BAT	Floppy drive interface	C6
Board LED	BLED	IDE interface	C7
VGA port	C1	Power LED	PLED
Bus mouse port	C2	Reset switch	RES
Parallel port	C3	Speaker	SPK
Serial port 2	C4	Riser card	S1
Serial port 1	C5		

USER CONFIGURABLE SETTINGS		
Function	Switch	Position
í On-board Video System enabled	SW1/switch 7	closed
	SW1/switch 8	open
On-board Video System disabled	SW1/switch 7	open
	SW1/switch 8	closed
í Factory configured - do not alter	SW2/switch 1	open
í Factory configured - do not alter	SW2/switch 2	open
í Monitor type select color	SW2/switch 3	open
Monitor type select monochrome	SW2/switch 3	closed
í Factory configured - do not alter	SW2/switch 4	open

VIDEO SWITCH CONFIGURATION (SW1)					
Mode	switch 1	switch 2	switch 3	switch 4	switch 5
56Hz vertical refresh ¹	open	open	N/A	N/A	N/A
60Hz vertical refresh ¹	open	closed	N/A	N/A	N/A
72Hz vertical refresh ¹	closed	open	N/A	N/A	N/A
Enable interlaced ²	N/A	N/A	open	open	N/A
60Hz non-interlaced ²	N/A	N/A	open	closed	N/A
72Hz non-interlaced ²	N/A	N/A	closed	open	N/A
31.5KHz horizontal scan rate ³	N/A	N/A	N/A	N/A	open
40KHz horizontal scan rate ³	N/A	N/A	N/A	N/A	closed

Note¹: When monitor resolution is 800 x 600.
 Note²: When monitor resolution is 1024 x 768.
 Note³: When monitor resolution is 640 x 480 or below.

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(4) 1M x 9	NONE
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9