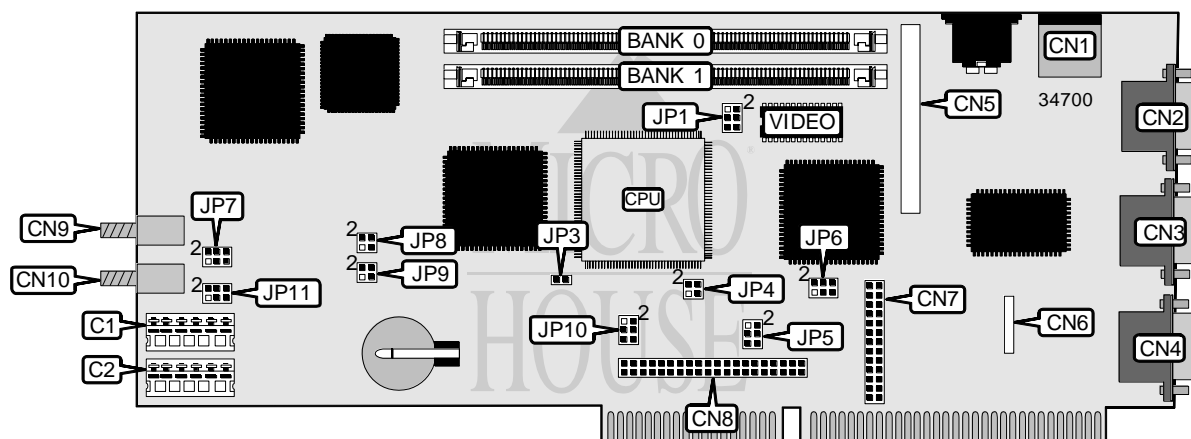


RADISYS CORPORATION

HUMMINGBOARD

Processor	80486SX
Processor Speed	Unidentified
Chip Set	Pico Power
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	8MB
Maximum Video Memory	512KB
Cache	None
BIOS	Phoenix
Dimensions	Unidentified
I/O Options	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, flat panel connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Port power	C1	Flat panel connector	CN5
PC power	C2	IR connector	CN6
PS/2 mouse port	CN1	Parallel port	CN7
VGA port	CN2	IDE interface	CN8
Serial port 2	CN3	Unidentified	CN9
Serial port 1	CN4	Reset switch	CN10

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
Phoenix BIOS loaded at startup	JP3	Open	
Cyber Quest start up code loaded at startup	JP3	Closed	
Flash BIOS normal operation	JP6	Open	
Flash BIOS force update	JP6	Pins 4 & 6 closed	
Power supply select supplied from mainboard	JP9	Pins 1 & 2 closed	
Power supply select supplied from portable battery	JP9	Pins 3 & 4 closed	

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RADISYS CORPORATION

HUMMINGBOARD

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SIMM CONFIGURATION	
Size	Bank 0
4MB	(1) 1M x 36
8MB	(1) 2M x 36

INTEL FLASH FILE MEMORY CONFIGURATION	
Size	Bank 1
1MB	(1) 1M x 8

VIDEO MEMORY CONFIGURATION	
Note: 512KB video memory is factory installed and is not configurable.	

CPU CLOCK FREQUENCY SELECTION			
Speed	JP5/pins 1 & 2	JP5/pins 3 & 4	JP5/pins 5 & 6
4MHz	Closed	Closed	Closed
8MHz	Open	Closed	Closed
16MHz	Closed	Open	Closed
20MHz	Open	Open	Closed
25MHz	Closed	Closed	Open
33MHz	Open	Closed	Open
40MHz	Closed	Open	Open
50MHz	Open	Open	Open

CPU VOLTAGE SELECTION				
Voltage	JP4/pins 3 & 4 (VADJ)	JP4/pins 1 & 2 (3.3v)	JP8/pins 3 & 4 (2.4v)	JP8/pins 1 & 2 (2.7v)
2.4v	Open	Closed	Open	Closed
2.7v	Closed	Open	Closed	Open
3.3v	Open	Closed	N/A	N/A

FLAT PANEL SELECTION			
Setting	JP1/pins 1&2	JP1/pins 3&4	JP1/pins 5&6
Single Scan Color STN, 16-bit interface/8 color	Closed	Closed	Closed
Dual Scan STN, monochrome 6.3MHz	Closed	Closed	Open
Dual Scan color STN, 16-bit interface	Closed	Open	Closed
Color TFT 9-bit interface	Closed	Open	Open
Singel Scan Color STN 8-bit interface	Open	Closed	Closed
Single Scan Monochrome STN, 4-bit interface	Open	Closed	Open
Color TFT 18-bit interface	Open	Open	Open

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HUMMINGBOARD

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5V VOLTAGE SELECTION			
Setting	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/pins 5 & 6
ISA backplane	Closed	Open	Open
í PC power	Open	Closed	Open
Portable battery	Open	Open	Closed

12V VOLTAGE SELECTION			
Setting	JP11/pins 1 & 2	JP11/pins 3 & 4	JP11/pins 5 & 6
ISA backplane	Closed	Open	Open
í PC power	Open	Closed	Open
Portable battery	Open	Open	Closed

FLASH BOOT SELECTION	
Setting	JP10
í Normal operation	Open
All boot blocks other than book can be written	Pins 1 & 3 closed
16K boot block reprogrammed	Pins 1 & 3, 2 & 6 closed