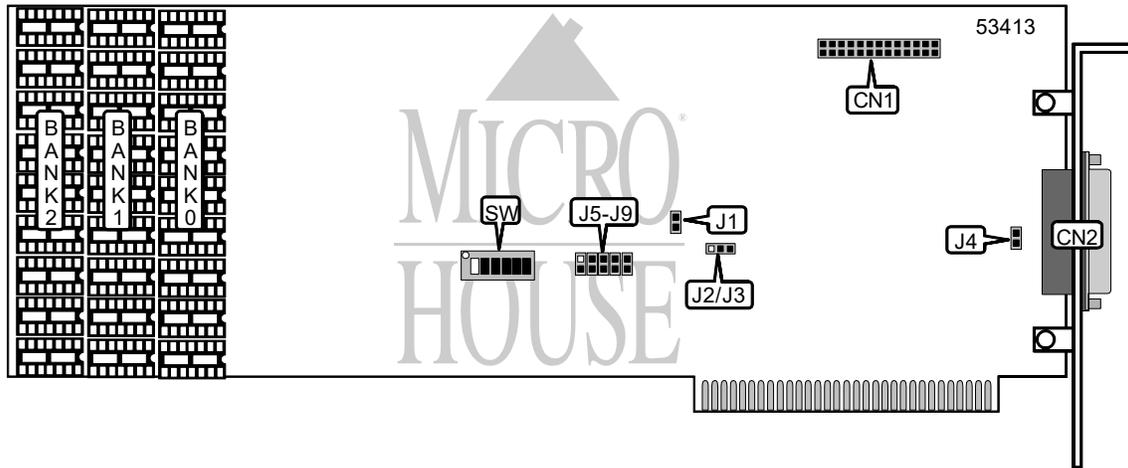


LAVA COMPUTER MANUFACTURING, INC. MULTIFUNCTION BOARD

Card Type	Multifunction
Chip Set	Unidentified
Maximum Onboard Memory	512KB DRAM
I/O Options	Parallel port, serial port
Hard Drives supported	None
Floppy drives supported	None
Data Bus	8-bit ISA
Card Size	Full-length, full-height



CONNECTIONS			
Function	Label	Function	Label
26-pin parallel port	CN1	25-pin serial port	CN2

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
Parity check enabled	J4	Closed	
Parity check disabled	J4	Open	
Real Time Clock enabled	J9	Closed	
Real Time Clock disabled	J9	Open	

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
64KB	64KB	None	None
128KB	64KB	64KB	None
192KB	64KB	64KB	64KB
256KB	256KB	None	None
320KB	256KB	64KB	None
384KB	256KB	64KB	64KB
512KB	256KB	256KB	None

Note: Size of chips is unidentified.

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DRAM JUMPER CONFIGURATION			
Size	SW/4	SW/5	SW/6
None	On	On	On
64KB	On	On	Off
128KB	On	Off	On
192KB	On	Off	Off
256KB	Off	On	On
320KB	Off	On	Off
384KB	Off	Off	On
512KB	Off	Off	Off

STARTING MEMORY ADDRESS CONFIGURATION				
Starting Address	Maximum RAM on LAVA Multifunction Board	SW/1	SW/2	SW/3
64KB	512KB	On	On	On
128KB	512KB	On	On	Off
192KB	512KB	On	Off	On
256KB	384KB	On	Off	Off
320KB	320KB	Off	On	On
384KB	256KB	Off	On	Off
448KB	192KB	Off	Off	On
512KB	128KB	Off	Off	Off

PARALLEL PORT ADDRESS SELECTION		
Setting	J7	J8
LPT1 (378h)	Closed	Open
LPT2 (278h)	Open	Closed
Disabled	Open	Open

Note: When IBM Monochrome Display/Printer adapter is installed in the system, the parallel port will automatically be reconfigured to LPT2 if the original setting was LPT1 and to LPT3 if the original setting was LPT2.

SERIAL PORT ADDRESS SELECTION		
Setting	J5	J6
COM1 (3F8h)	Closed	Open
COM2 (2F8h)	Open	Closed
Disabled	Open	Open

SERIAL PORT INTERRUPT SELECTION		
IRQ	J2(pins 1 & 2)	J3(pins 2 & 3)
COM1	Open	Closed
COM2	Closed	Open

PARALLEL PORT INTERRUPT SELECTION	
IRQ7	J1
Enabled	Closed
Disabled	Open

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LAVA COMPUTER MANUFACTURING, INC. MULTIFUNCTION BOARD

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MISCELLANEOUS TECHNICAL NOTES

The LAVA Multifunction Board requires switch settings on system board for PC-1, PC-2 and PC-XT. On PC-1 and PC-2 switches are set to represent total amount of memory installed. On PC-XT, switches represent amount of memory installed on system board only and do not include memory on Lava Multifunction Board.