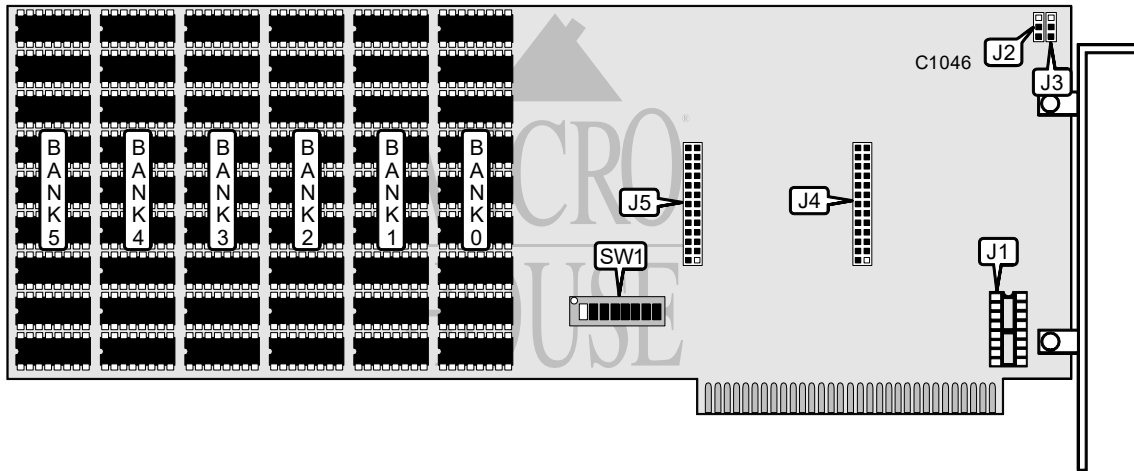


# STB SYSTEMS, INC. RIO PLUS

**Card Type** Memory/Multi-I/O  
**Maximum Onboard Memory** 384KB DRAM  
**I/O Options** Apple ][ game port, clock/calendar, parallel port, SASI hard drive controller, serial port  
**Data Bus** 8-bit ISA  
**Hard Drives Supported** Up to seven SASI drives



CONNECTIONS			
Function	Label	Function	Label
Apple ][ game port	J1	Parallel or SASI port	J4
Unidentified	J2	Serial port	J5
1.5V AA battery connector	J3		

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í Memory enabled	SW1/3	On
Memory disabled	SW1/3	Off
í Parallel port address is 378h	SW1/6	Off
Parallel port address is 278h	SW1/6	On
í Serial port address is 3F8h (COM1:)	SW1/7	Off
Serial port address is 2F8h (COM2:)	SW1/7	On
í J4 is a parallel port	SW1/8	Off
J4 is a SASI port	SW1/8	On

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DRAM						
Size	Bank 0	Parity 0	Bank 1	Parity 1	Bank 2	Parity 2
64KB	(8) 64K x 1	(1) 64K x 1	NONE	NONE	NONE	NONE
128KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	NONE	NONE
192KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1
256KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1
320KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1
384KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1

DRAM (CON'T)						
Size	Bank 3	Parity 3	Bank 4	Parity 4	Bank 5	Parity 5
64KB	NONE	NONE	NONE	NONE	NONE	NONE
128KB	NONE	NONE	NONE	NONE	NONE	NONE
192KB	NONE	NONE	NONE	NONE	NONE	NONE
256KB	(8) 64K x 1	(1) 64K x 1	NONE	NONE	NONE	NONE
320KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	NONE	NONE
384KB	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1	(8) 64K x 1	(1) 64K x 1

Note: The information of which chips are the parity chips is unidentified.

MAINBOARD MEMORY		
Size	SW1/1	SW1/2
64KB	On	On
128KB	On	Off
256KB	Off	On
320KB	Off	Off

SERIAL PORT INTERRUPT		
Setting	SW1/4	SW1/5
IRQ3	Off	On
IRQ4	On	Off