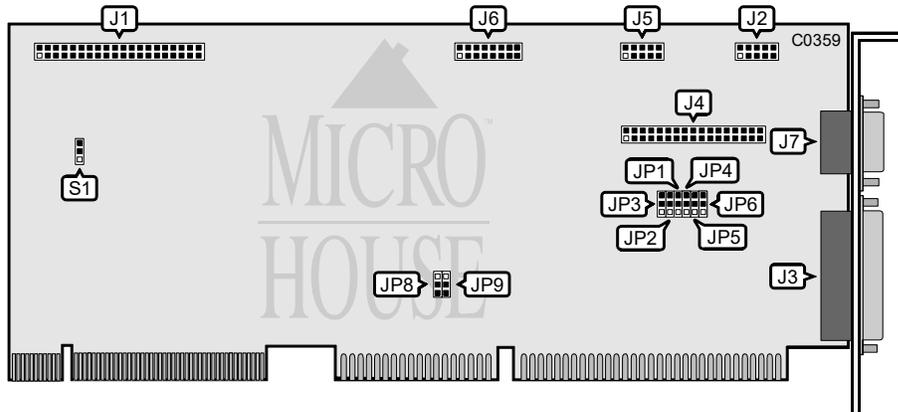


BCM ADVANCED RESEARCH, INC.
GP-4032

Q1/94

Data bus: 32-bit, VL-bus
Size: Three/quarter-length, full-height card
Hard drive supported: Two IDE (AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives



CONNECTIONS	
Function	Location
40-pin IDE(AT) Interface connector	J1
10-pin serial port (COM1/2/3) - internal	J2
25-pin parallel port (LPT1/2) - external	J3
34-pin control cable connector - floppy drive	J4
10-pin serial port (COM2/3/4) - internal	J5
15-pin video feature connector - internal	J6
15-pin analog VGA port - external	J7

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GP-4032

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PORT CONFIGURATION SETTINGS								
J4	J2	J5	J3	JP1	JP2	JP3	JP4	JP5
Enabled	COM1	COM2	LPT1	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
Enabled	COM1	COM2	LPT2	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Enabled	COM3	COM4	LPT2	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
Enabled	COM2	COM3	LPT1	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
Disabled	COM1	COM2	LPT1	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
Disabled	COM1	COM2	LPT2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Disabled	COM3	COM4	LPT2	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
Disabled	COM2	COM3	LPT1	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
Enabled	Disabled	Disabled	Disabled	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
Disabled	Disabled	Disabled	Disabled	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Parallel port is uni-directional (printer)	JP6	pins 1 & 2 closed
Parallel port is bi-directional (scanner)	JP6	pins 2 & 3 closed
í Hard drive enabled	S1	pins 1 & 2 closed
Hard drive disabled	S1	pins 2 & 3 closed

VGA WAIT STATE SELECTION		
Wait state	JP8	JP9
1	pins 2 & 3 closed	pins 2 & 3 closed
í 2	pins 2 & 3 closed	pins 1 & 2 closed
3	pins 1 & 2 closed	pins 2 & 3 closed
4	pins 1 & 2 closed	pins 1 & 2 closed

MISCELLANEOUS TECHNICAL NOTES
The location of jumpers JP7, JP10, JP11, S2, S3, and S4 was not presented by the manufacturer. These jumpers are factory configured to: JP7 - closed, JP10 - pins 1 & 2 closed, JP11 - pins 1 & 2 closed, S2 - pins 2 & 3 closed, S3 - pins 1 & 2 closed, S4 - pins 1 & 2 closed; do not alter.