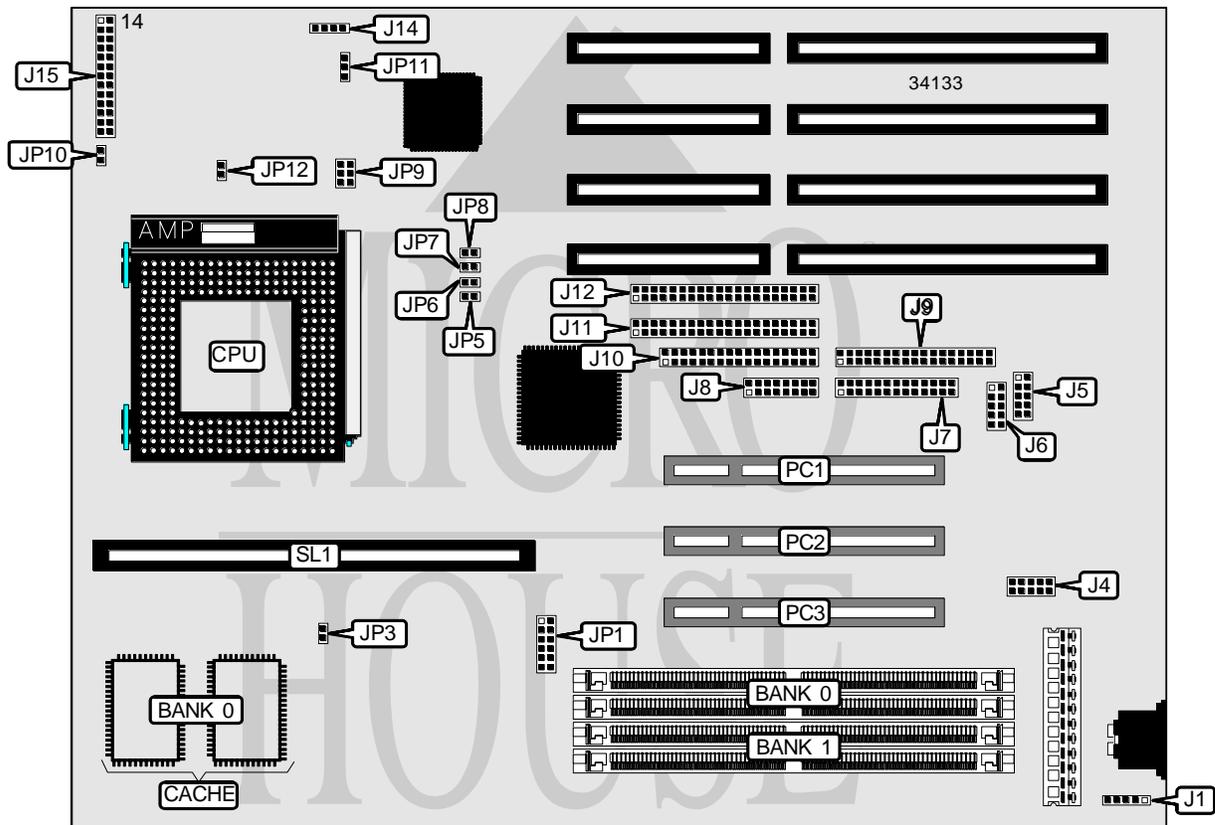


BCM ADVANCED RESEARCH, INC. SQ585

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), VGA feature connector, VGA interface, cache slot
NPU Options	None



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SQ585

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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse interface	J1	Reset switch	J15 pins 1 & 2
Serial port 2	J5	Turbo LED	J15 pins 4 & 5
Serial port 1	J6	Green PC connector	J15 pins 7 & 8
Parallel port	J7	Speaker	J15 pins 10 - 13
VGA interface	J8	IDE interface LED	J15 pins 14 - 17
Floppy drive interface	J9	Green PC LED	J15 pins 19 & 20
VGA feature connector	J10	Power LED & keylock	J15 pins 22 - 26
IDE interface 1	J11	32-bit PCI slots	PC1 – PC3
IDE interface 2	J12	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J4	Unidentified
í Factory configured - do not alter	J14	Unidentified
í Factory configured - do not alter	JP1	Unidentified
í CMOS memory normal operation	JP11	Pins 1 & 2 closed
CMOS memory clear	JP11	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory. Banks are interchangeable.

CACHE CONFIGURATION		
Size	Bank 0	SL1
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed

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CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	JP3	JP5	JP6	JP7	JP8
120MHz	50MHz	1.5x	Closed	Closed	Open	Open	Open
133MHz	55MHz	1.5x	Closed	Open	Open	Closed	Open
150MHz	60MHz	1.5x	Closed	Open	Closed	Closed	Open
166MHz	66MHz	2x	Closed	Closed	Open	Closed	Open

CPU SPEED SELECTION (AMD)							
Note: The jumper settings for the AMD processor are unidentified.							

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP3	JP5	JP6	JP7	JP8
75MHz	50MHz	1.5x	Open	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Open	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open	Open
120MHz	60MHz	2x	Open	Open	Closed	Closed	Open
133MHz	66MHz	2x	Open	Closed	Open	Closed	Open
150MHz	60MHz	2.5x	Open	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Open	Closed	Closed
180MHz	60MHz	3x	Open	Open	Closed	Open	Closed
200MHz	66MHz	3x	Open	Closed	Open	Open	Closed

CPU VOLTAGE SELECTION (CYRIX)			
Voltage	JP9	JP10	JP12
2.5	Open	Closed	Closed
2.8	Open	Closed	Open
3.15v – 3.6v	1 & 2, 3 & 4, 5 & 6	Closed	Open
3.4v 3.6v	1 & 2, 3 & 4, 5 & 6	Open	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)			
Voltage	JP9	JP10	JP12
3.135v – 3.6v	1 & 2, 3 & 4, 5 & 6	Closed	Open
3.4v – 3.6v	1 & 2, 3 & 4, 5 & 6	Open	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)				
Voltage	V core	JP9	JP10	JP12
3.38v	2.5v	Open	Closed	Closed
3.38v	2.8v	Open	Closed	Open