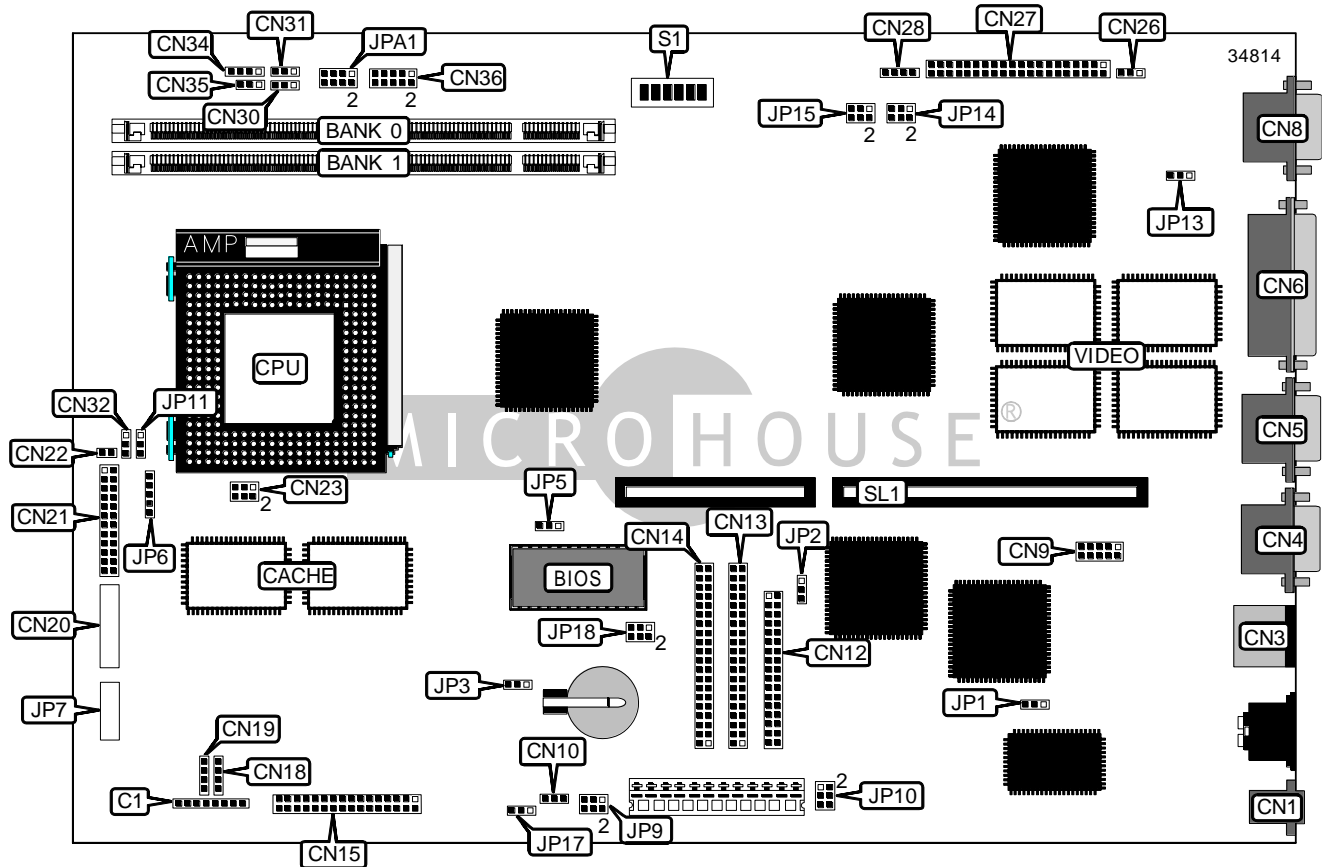


ACER, INC. V58LA

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 686MX/AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/180/200/233/266/300MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	4MB
Cache	256/512KB
BIOS	Acer
Dimensions	330mm x 218mm
I/O Options	Ethernet connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, riser slot, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Fax/modem connector	C1	IDE interface 1	CN14
Ethernet connector	CN1	Chassis fan power	CN22
PS/2 mouse port	CN3	AMC connector	CN27
Serial port 1	CN4	Power LED	CN30
Serial port 2	CN5	IDE interface LED	CN31
Parallel port	CN6	Soft off power supply	CN32
VGA port	CN8	Speaker	CN34
USB connector	CN9	Reset/suspend switch	CN35
Green PC connector	CN10	Turbo LED	JPA1/pins 2 & 4
Floppy drive interface	CN12	Power button (Aspire)	JPA1/pins 7 & 8
IDE interface 2	CN13	Riser slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	CN15	Unidentified
í Factory configured - do not alter	CN18	Unidentified
í Factory configured - do not alter	CN19	Unidentified
í Factory configured - do not alter	CN20	Unidentified
í Factory configured - do not alter	CN21	Unidentified
í Factory configured - do not alter	CN26	Unidentified
í Factory configured - do not alter	CN28	Unidentified
BIOS type select Acer	JP1	Pins 1 & 2 closed
BIOS type select OEM	JP1	Pins 2 & 3 closed
LED select IDE & floppy	JP2	Pins 1 & 2 closed
LED select IDE	JP2	Pins 2 & 3 closed
í Green PC normal operation	JP3	Pins 1 & 2 closed
Green PC reset	JP3	Pins 2 & 3 closed
í Factory configured - do not alter	JP6	Unidentified
í Factory configured - do not alter	JP7	Unidentified
í Factory configured - do not alter	JP9	Unidentified
Power supply select >= 1A	JP10	Pins 3 & 5, 4 & 6 closed
Power supply select < 1A	JP10	Pins 1 & 3, 2 & 4 closed
í Factory configured - do not alter	JP13	Unidentified
í Factory configured - do not alter	JP17	Unidentified
í Factory configured - do not alter	JP18	Unidentified
Password disabled	S1/1	On
Password enabled	S1/1	Off

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USER CONFIGURABLE SETTINGS (CON'T)		
Function	Label	Position
On board sound disabled	S1/2	On
On board sound enabled	S1/2	Off
On board LAN disabled	S1/3	On
On board LAN enabled	S1/3	Off
Clock type select Cypress CY2273	S1/6	On
Clock type select CLK9148	S1/6	Off

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO memory.

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	(1) 32K x 8
512KB	(2) 64K x 32	(1) 32K x 8

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CACHE TYPE SELECTION	
Type	JP5
Intel/Cyrix 1 + 4	Pins 1 & 2 closed
Cyrix linear burst	Pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 32	None	None	None
2MB	(1) 256K x 32	(1) 256K x 32	None	None
4MB	(1) 256K x 32	(1) 256K x 32	(1) 256K x 32	(1) 256K x 32

Note: The location of the banks are unidentified.

CPU SPEED SELECTION (CX 6X86)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
150MHz	60MHz	2.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	On
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On
200MHz	66MHz	3x	2 & 3	3 & 5, 4 & 6	1 & 3, 2 & 4	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
150MHz	60MHz	2.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	On
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On
200MHz	66MHz	3x	2 & 3	3 & 5, 4 & 6	1 & 3, 2 & 4	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MX)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	On	On
200MHz	66MHz	3x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	On
233MHz	66MHz	3.5x	2 & 3	3 & 5, 4 & 6	1 & 3, 2 & 4	On	On

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K5)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
90MHz	60MHz	1.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	Off
100MHz	66MHz	1.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	Off
120MHz	60MHz	2x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	On
133MHz	66MHz	2x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	On
200MHz	66MHz	3x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	Off
233MHz	66MHz	3.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	Off
266MHz	66MHz	4x	1 & 2	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On
300MHz	66MHz	4.5x	1 & 2	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
90MHz	60MHz	1.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	Off
100MHz	66MHz	1.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	Off
120MHz	60MHz	2x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	Off	On
133MHz	66MHz	2x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	On
150MHz	60MHz	2.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	On	On
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	Off
200MHz	66MHz	3x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)							
CPU speed	Clock speed	Multiplier	JP11	JP14	JP15	S1/4	S1/5
150MHz	60MHz	2.5x	2 & 3	1 & 3, 2 & 4	1 & 3, 2 & 4	On	On
166MHz	66MHz	2.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	On
200MHz	66MHz	3x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	On	Off
233MHz	66MHz	3.5x	2 & 3	1 & 3, 2 & 4	3 & 5, 4 & 6	Off	Off

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION	
Type	CN23
Single voltage	Pins 1 & 3, 2 & 4 closed
Dual voltage	Pins 3 & 5, 4 & 6 closed

CPU VOLTAGE SELECTION	
Voltage	CN36
2.1v	Pins 3 & 4 closed
2.8v	Pins 1 & 2 closed
3.2v	Pins 5 & 6 closed
3.31v	Pins 7 & 8 closed
3.52v	Pins 9 & 10 closed