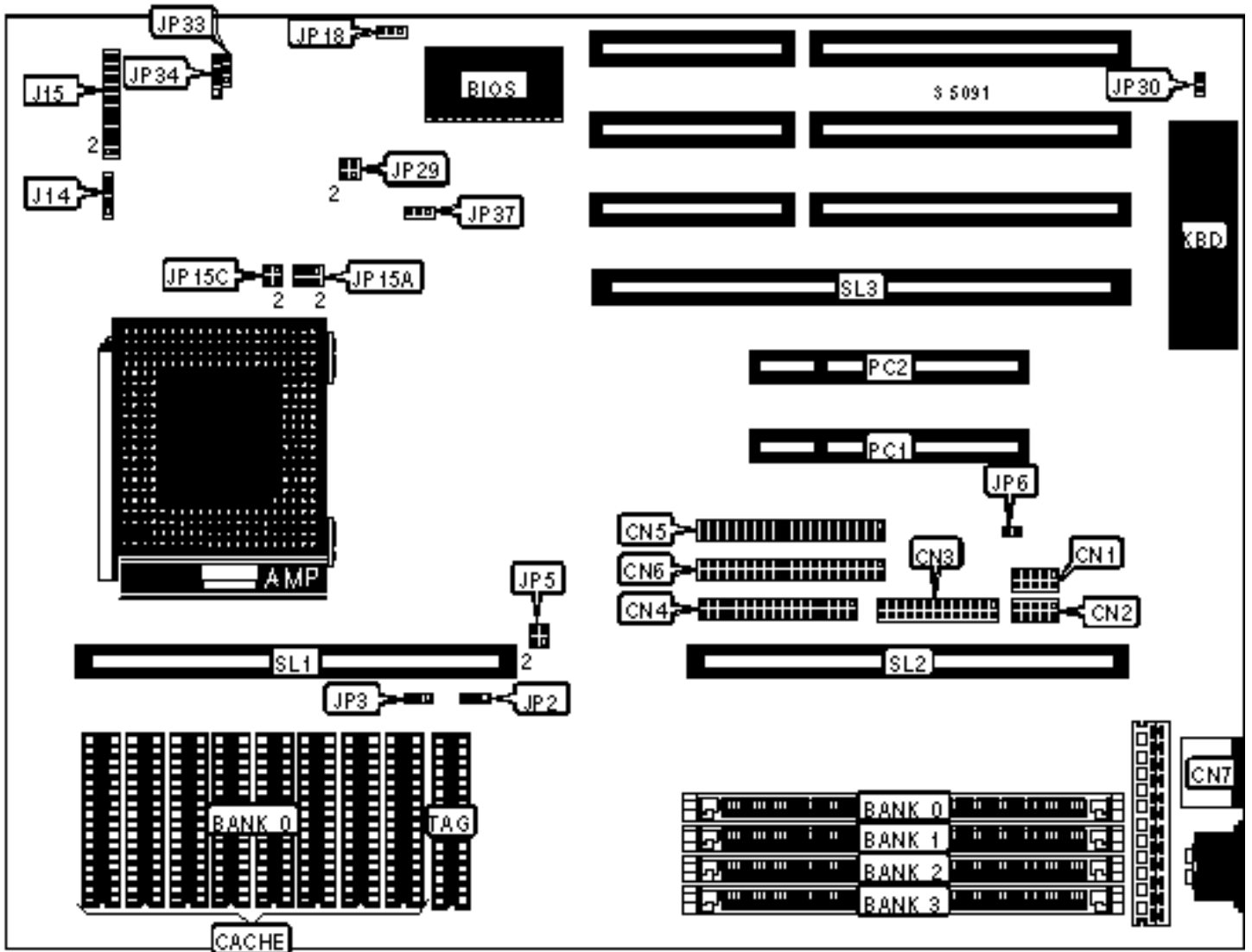


DATAEXPERT CORPORATION

EXP8049

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Serial port 2	CN1	Turbo LED	J4
Serial port 1	CN2	Turbo switch	J5
Floppy drive interface	CN3	Power LED & keylock	J6
Parallel port	CN4	Speaker	J7
IDE interface	CN5	Wake on modem connector	JP12
External battery	J1	Green PC connector	JP13
IDE interface LED	J2	32-bit PCI slots	PC1 – PC4
Reset switch	J3		

USER CONFIGURABLE SETTINGS

Function	Label	Position
Battery type select external	J1	Closed
CMOS memory clear	J1	Pins 1 & 2 closed
» Parallel port unidirectional	JP2/pins 5 & 6	Closed
Parallel port bidirectional	JP2/pins 5 & 6	Open
Monitor type select color	JP7	Pins 2 & 3 closed
Monitor type select monochrome	JP7	Pins 1 & 2 closed
» Factory configured - do not alter	JP11	Unidentified
» Factory configured - do not alter	JP33	Unidentified

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	None	None	None
6MB	(1) 512K x 36	(1) 1M x 36	None	None

8MB	(1) 2M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
12MB	(1) 2M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
12MB	(1) 1M x 36	(1) 2M x 36	None	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	None
20MB	(1) 4M x 36	(1) 1M x 36	None	None

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	None
22MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 8M x 36	None	None	None
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
36MB	(1) 8M x 36	(1) 1M x 36	None	None

40MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	None
40MB	(1) 8M x 36	(1) 2M x 36	None	None
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	None
48MB	(1) 8M x 36	(1) 4M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
56MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	None
64MB	(1) 8M x 36	(1) 8M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION

Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K x 8
256KB	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION

Size	JP15	JP16
128KB	Open	Open
256KB	Closed	Open
512KB	Closed	Closed

CPU SPEED SELECTION

Speed	JP9	JP10	JP26
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25MHz	3 & 4, 7 & 8	2 & 3	Open
33MHz	5 & 6, 7 & 8	2 & 3	Open
40MHz	1 & 2, 3 & 4, 5 & 6	1 & 2	Closed
50iMHz	3 & 4, 7 & 8	2 & 3	Open
50MHz	5 & 6	1 & 2	Closed
66iMHz	5 & 6, 7 & 8	2 & 3	Open
75iMHz	3 & 4, 7 & 8	2 & 3	Open
100iMHz	5 & 6, 7 & 8	2 & 3	Open
Note: Pins designated should be in the closed position.			

CPU TYPE SELECTION				
Type	JP17	JP18	JP20	JP21
CX486SX	5 & 6	1 & 2	Open	Closed
80486SX	Open	Open	Open	Open
SL80486SX	3 & 4	Open	Open	Open
80487SX	Open	Open	Open	Open
UMC U5S	Open	Open	Open	Open
ODP486	3 & 4	Open	Open	Open
CX486DX	5 & 6	1 & 2	Open	Closed
AM486DX	Open	Open	Open	Open
AM486DXL	1 & 2	Open	Open	Open
80486DX	Open	Open	Open	Open
SL80486DX	3 & 4	Open	Open	Open
CX486DX2	5 & 6	1 & 2	Open	Closed
AM486DX2	Open	Open	Open	Open
80486DX2	Open	Open	Open	Open

SL80486DX2	3 & 4	Open	Open	Open
AM 486DX4	Open	Open	Open	Open
80486DX4	3 & 4	Open	Open	Open
P24D	3 & 4	5 & 6	Closed	Open
P24T	3 & 4	Open	Open	Open
Note: Pins designated should be in the closed position.				

CPU TYPE SELECTION (CON'T)				
Type	JP22	JP23	JP24	JP27
CX486SX	Open	1 & 2	5 & 6	2 & 3
80486SX	Open	1 & 2	1 & 2	1 & 2
SL80486SX	Open	1 & 2	3 & 4	Open
80487SX	Open	1 & 2	1 & 2	1 & 2
UMC U5S	Open	1 & 2	1 & 2	Open
ODP486	Open	1 & 2	3 & 4	2 & 3
CX486DX	Open	1 & 2	5 & 6	2 & 3
AM486DX	Open	1 & 2	1 & 2	2 & 3
AM486DXL	Open	1 & 2	1 & 2	2 & 3
80486DX	Open	1 & 2	1 & 2	2 & 3
SL80486DX	Open	1 & 2	3 & 4	2 & 3
CX486DX2	Open	1 & 2	5 & 6	2 & 3
AM486DX2	Open	1 & 2	1 & 2	2 & 3
80486DX2	Open	1 & 2	1 & 2	2 & 3
SL80486DX2	Open	1 & 2	3 & 4	2 & 3
AM 486DX4	Open	1 & 2	1 & 2	2 & 3
80486DX4	Open	1 & 2	3 & 4	2 & 3

P24D	Closed	2 & 3	3 & 4	2 & 3
P24T	Closed	2 & 3	3 & 4	1 & 2
Note: Pins designated should be in the closed position.				

CPU TYPE SELECTION (CON'T)				
Type	JP28	JP29	JP30	
CX486SX	2 & 3	5 & 6	Closed	
80486SX	1 & 2	Open	Open	
SL80486SX	1 & 2	3 & 4	Closed	
80487SX	2 & 3	Open	Open	
UMC U5S	1 & 2	Open	Open	
ODP486	2 & 3	3 & 4	Closed	
CX486DX	2 & 3	5 & 6	Closed	
AM486DX	2 & 3	Open	Open	
AM486DXL	2 & 3	1 & 2	Open	
80486DX	2 & 3	Open	Open	
SL80486DX	2 & 3	3 & 4	Closed	
CX486DX2	2 & 3	5 & 6	Closed	
AM486DX2	2 & 3	Open	Open	
80486DX2	2 & 3	Open	Open	
SL80486DX2	2 & 3	3 & 4	Closed	
AM 486DX4	2 & 3	Open	Open	
80486DX4	2 & 3	3 & 4	Closed	
P24D	2 & 3	3 & 4	Closed	
P24T	2 & 3	3 & 4	Closed	
Note: Pins designated should be in the closed position.				

CPU VOLTAGE SELECTION

Voltage		JP14	JP31
»	3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
	5v	Pins 1 & 2 closed	Pins 1 & 2 closed

DMA CHANNEL SELECTION

Channel	JP2	JP34
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 3 & 4 closed	Pins 3 & 4 closed

GREEN PC SELECTION

Setting	JP8
Power fan	Pins 1 & 2 closed
Monitor power	Pins 3 & 4 closed
VGA H-sync	Pins 5 & 6 closed
VGA v-sync	Pins 7 & 8 closed