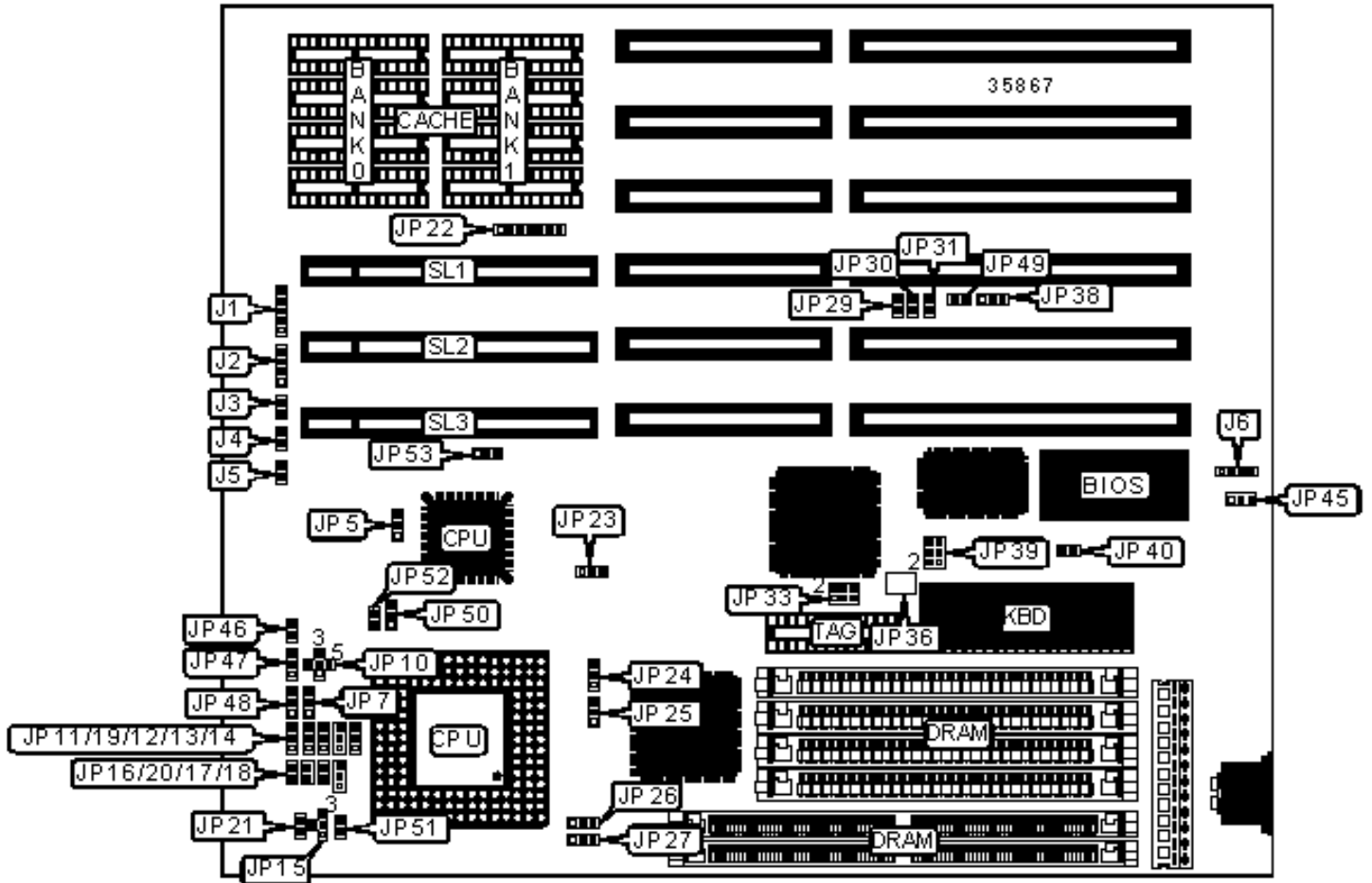


DATAEXPERT CORPORATION

EXP4349

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Power LED & keylock	J1	Turbo switch	J5
Speaker	J2	External battery	J6
Reset switch	J3	Green PC connector	JP36
Turbo LED	J4	32-bit VESA local bus slots	SL1 – SL3

USER CONFIGURABLE SETTINGS

Function	Label	Position
Monitor type select color	JP40	Closed
Monitor type select monochrome	JP40	Open
Battery type select lithium	JP45	Pins 2 & 3 closed
Battery type select Ni-CD	JP45	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
2MB	(4) 256K x 9	None	(1) 256K x 36
2MB	None	(1) 256K x 36	(1) 256K x 36
2MB	None	(1) 512K x 36	None
2MB	None	(1) 512K x 36	None
4MB	(4) 1M x 9	None	None
4MB	None	(1) 1M x 36	None
4MB	(4) 1M x 9	None	None
4MB	None	(1) 512K x 36	(1) 512K x 36
5MB	(4) 256K x 9	None	(1) 1M x 36
5MB	None	(1) 256K x 36	(1) 1M x 36

8MB	(4) 1M x 9	None	(1) 1M x 36
8MB	None	(1) 1M x 36	(1) 1M x 36
8MB	None	(1) 2M x 36	None
8MB	None	(1) 2M x 36	None
10MB	None	(1) 512K x 36	(1) 2M x 36
16MB	(4) 4M x 9	None	None
16MB	None	None	(1) 4M x 36
16MB	(4) 4M x 9	None	None
16MB	None	(1) 2M x 36	(1) 2M x 36
17MB	(4) 256K x 9	None	(1) 4M x 36

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
17MB	None	(1) 256K x 36	(1) 4M x 36
20MB	(4) 1M x 9	None	(1) 4M x 36
20MB	None	(1) 1M x 36	(1) 4M x 36
32MB	(4) 4M x 9	None	(1) 4M x 36
32MB	None	(1) 4M x 36	(1) 4M x 36
32MB	None	(1) 8M x 36	None
64MB	(4) 16M x 9	None	None
64MB	None	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION

Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 8K x 8

256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
256KB (B)	(4) 64K x 8	None	(1) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION

Size	JP22	JP33
64KB	Pins 5 & 6 closed	Pins 1 & 2 closed
128KB	Pins 2 & 3, 4 & 5, 6 & 7 closed	Pins 1 & 2, 3 & 4 closed
256KB (A)	Pins 1 & 2, 3 & 4, 5 & 6 closed	Pins 1 & 2, 3 & 4 closed
256KB (B)	Pins 2 & 3, 4 & 5, 6 & 7 closed	Pins 1 & 2, 3 & 4 closed
512KB	Pins 2 & 3, 4 & 5, 6 & 7 closed	Pins 1 & 2, 3 & 4, 5 & 6 closed

CPU SPEED SELECTION

Speed	JP23	JP38	JP39
25MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2, 5 & 6 closed
33MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2, 3 & 4 closed
40MHz (386)	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 5 & 6 closed
40MHz (486)	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 3 & 4, 5 & 6 closed
50iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2, 5 & 6 closed
50MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2, 5 & 6 closed
66iMHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2, 3 & 4 closed
66iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 5 & 6 closed
100iMHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2, 3 & 4 closed

CPU TYPE SELECTION

Type	JP5	JP7	JP10	JP11
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80386DX	1 & 2	2 & 3	Open	Open
AM386DX	1 & 2	2 & 3	Open	Open
CX486S	2 & 3	1 & 2	2 & 4	2 & 3
80486SX	2 & 3	1 & 2	Open	Open
CX486DLC	1 & 2	2 & 3	Open	Open
TI486DLC	1 & 2	2 & 3	Open	Open
CX486DX	2 & 3	1 & 2	2 & 4	2 & 3
SL80486DX	2 & 3	1 & 2	4 & 5	1 & 2
80486DX	2 & 3	1 & 2	Open	Open
SL80486DX2	2 & 3	1 & 2	4 & 5	1 & 2
P24T	2 & 3	1 & 2	4 & 5	1 & 2
Note: Pins designated should be in the closed position.				

CPU TYPE SELECTION (CON'T)

Type	JP12	JP13	JP14	JP15	JP16
80386DX	2 & 3	Open	2 & 3	Open	Open
AM386DX	2 & 3	Open	2 & 3	Open	Open
CX486S	1 & 2	2 & 3	1 & 2	2 & 4	Closed
80486SX	1 & 2	2 & 3	1 & 2	Open	Open
CX486DLC	2 & 3	Open	2 & 3	Open	Open
TI486DLC	2 & 3	Open	2 & 3	Open	Open
CX486DX	1 & 2	2 & 3	1 & 2	2 & 4	Closed
SL80486DX	1 & 2	2 & 3	1 & 2	2 & 3	Open
80486DX	1 & 2	2 & 3	1 & 2	Open	Open
SL80486DX2	1 & 2	2 & 3	1 & 2	2 & 3	Open
P24T	1 & 2	1 & 2	1 & 2	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP17	JP18	JP19	JP20	JP21
80386DX	Open	Open	Open	Open	Open
AM386DX	Open	Open	Open	Open	Open
CX486S	Open	Open	1 & 2	Open	Open
80486SX	Closed	Open	1 & 2	Open	Open
CX486DLC	Open	Open	Open	Open	Open
TI486DLC	Open	Open	Open	Open	Open
CX486DX	Open	2 & 3	2 & 3	Open	Closed
SL80486DX	Closed	2 & 3	2 & 3	Open	Closed
80486DX	Closed	2 & 3	2 & 3	Open	Closed
SL80486DX2	Closed	2 & 3	2 & 3	Open	Closed
P24T	Closed	1 & 2	2 & 3	Open	Closed

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP24	JP25	JP26	JP27	JP29
80386DX	2 & 3	2 & 3	2 & 3	2 & 3	Closed
AM386DX	2 & 3	2 & 3	2 & 3	2 & 3	Closed
CX486S	1 & 2	1 & 2	1 & 2	1 & 2	Closed
80486SX	1 & 2	1 & 2	1 & 2	2 & 3	Open
CX486DLC	2 & 3	2 & 3	2 & 3	2 & 3	Closed
TI486DLC	2 & 3	2 & 3	2 & 3	2 & 3	Closed
CX486DX	1 & 2	1 & 2	1 & 2	1 & 2	Open

SL80486DX	1 & 2	1 & 2	1 & 2	1 & 2	Open
80486DX	1 & 2	1 & 2	1 & 2	2 & 3	Open
SL80486DX2	1 & 2	1 & 2	1 & 2	1 & 2	Open
P24T	1 & 2	1 & 2	1 & 2	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP30	JP31	JP46	JP47
80386DX	Closed	Open	Open	Open
AM386DX	Closed	Open	Open	Open
CX486S	Open	Closed	Closed	Open
80486SX	Open	Open	Open	1 & 2
CX486DLC	Closed	Closed	Open	Open
TI486DLC	Closed	Closed	Open	Open
CX486DX	Open	Closed	Closed	Open
SL80486DX	Open	Open	Open	1 & 2
80486DX	Open	Open	Open	1 & 2
SL80486DX2	Open	Open	Open	1 & 2
P24T	Closed	Open	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)

Type	JP48	JP49	JP53
80386DX	Open	Closed	1 & 2
AM386DX	Open	Closed	1 & 2
CX486S	1 & 2	Open	2 & 3

80486SX	1 & 2	Open	2 & 3
CX486DLC	Open	Closed	2 & 3
TI486DLC	Open	Closed	2 & 3
CX486DX	1 & 2	Open	2 & 3
SL80486DX	1 & 2	Open	2 & 3
80486DX	1 & 2	Open	2 & 3
SL80486DX2	1 & 2	Open	2 & 3
P24T	1 & 2	Open	2 & 3
Note: Pins designated should be in the closed position.			

CPU VOLTAGE SELECTION			
Voltage	JP50	JP51	JP52
3.3v	Pins 1 & 2 closed	Open	Closed
5v	Pins 2 & 3 closed	Closed	Open