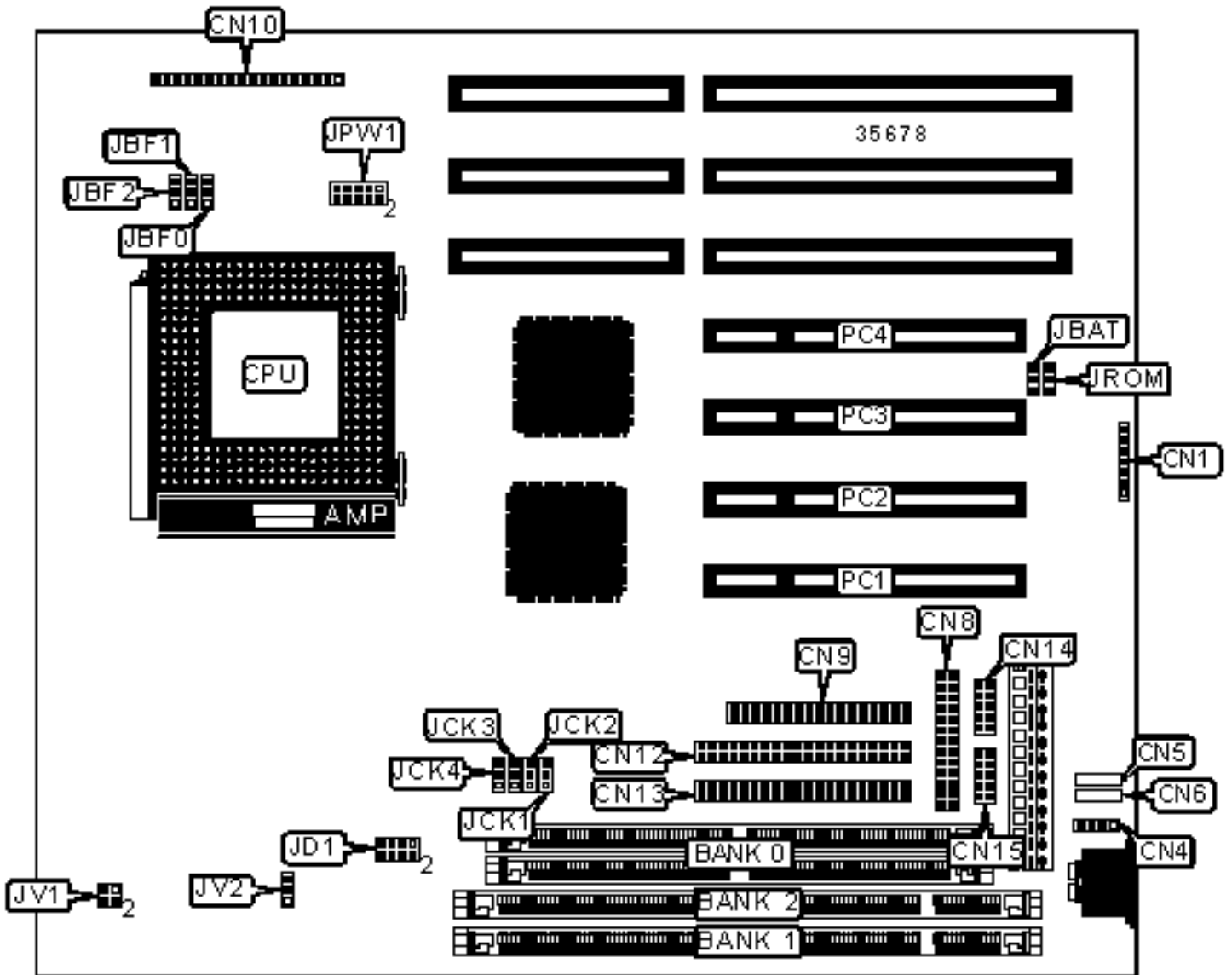


LUCKY STAR TECHNOLOGY CO., LTD.

5V-1A (VER. 2.0)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
IR connector	CN1	Turbo LED	CN10/pins 13 & 14
PS/2 mouse interface	CN4	Green PC connector	CN10/pins 15 & 16
USB connector	CN5	IDE interface LED	CN10/pins 17 & 18
USB connector	CN6	IDE interface 2	CN12
Parallel port	CN8	IDE interface 1	CN13
Floppy drive interface	CN9	Serial port 2	CN14
Power LED & keylock	CN10/pins 1 – 5	Serial port 1	CN15
Speaker	CN10/pins 6 - 10	32-bit PCI slots	PC1 – PC4
Reset switch	CN10/pins 11 & 12		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JBAT	Pins 1 & 2 closed
CMOS memory clear	JBAT	Pins 2 & 3 closed
PCI CLK select synchronous	JCK4	Pins 1 & 2 closed
PCI CLK select asynchronous	JCK4	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JROM	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JROM	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36

64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36
Note: Board accepts EDO memory.	

DIMM CONFIGURATION		
Size	Bank 1	Bank 2
16MB	(1) 2M x 64	None
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64

DIMM CONFIGURATION (CON'T)		
Size	Bank 1	Bank 2
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.		

DIMM VOLTAGE CONFIGURATION	
Voltage	JD1
3.3v	Pins 5 & 7, 6 & 8 closed
5v	Pins 1 & 3, 2 & 4 closed

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
120MHz	50MHz	2x	Closed	Open	Open	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	Closed	Open	Open	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	Closed	Open	Open	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
133MHz	55MHz	2x	Closed	Open	Open	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	Closed	Open	Open	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	Closed	Open	Open	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
166MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	Closed	Open	Open	1 & 2	2 & 3	1 & 2
233MHz	75MHz	2.5x	Closed	Closed	Open	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX M II)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
300MHz	66MHz	3.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
75MHz	50MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	1.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3
266MHz	66MHz	4x	Closed	Open	Closed	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	Closed	Closed	Closed	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
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266MHz	66MHz	4x	Closed	Open	Closed	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
75MHz	50MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	Closed	Open	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	Closed	Closed	Open	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3
180MHz	60MHz	3x	Open	Closed	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	JBFO	JBF1	JBF2	JCK1	JCK2	JCK3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION (SINGLE)			
Voltage	JPW1	JV1	JV2
3.3v	1 & 2, 5 & 6, 7 & 8	Open	1 & 2

3.4v – 3.6v	1 & 2, 3 & 4, 5 & 6, 7 & 8	Open	1 & 2
Note: Pins designated should be in the closed position.			

CPU VOLTAGE SELECTION (DUAL)				
Voltage	V core	JPW1	JV1	JV2
3.3v	2.2v	1 & 2, 7 & 8	1 & 2, 3 & 4	2 & 3
3.3v	2.8v	7 & 8	1 & 2, 3 & 4	1 & 2
3.3v	2.9v	1 & 2, 7 & 8	1 & 2, 3 & 4	1 & 2
3.3v	3.2v	5 & 6, 7 & 8	1 & 2, 3 & 4	1 & 2
Note: Pins designated should be in the closed position.				