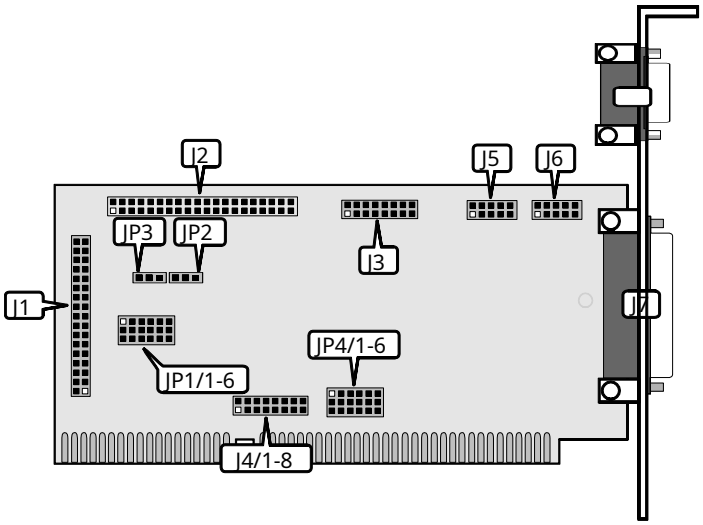
LONGSHINE MICROSYSTEM, INC.
LCS-6624G (REV. W3)

Card Type	Hard drive controller card
Hard Drives supported	Two IDE (AT) drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	16-bit ISA
Card Size	Half-length, half-height card



CONNECTIONS			
Function	Location	Function	Location
34-pin cable connector - floppy drive	J1	10-pin serial port 1 - internal	J6
40-pin primary IDE(AT) connector	J2	25-pin parallel port - external	J7
16-pin game port	J3	2-pin connector - drive active LED	JP2
10-pin serial port 2 - internal	J5		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í IDE primary address is 3F6h, 3F7h, 1F0-1F7h	JP1/1	Pins 1 & 2 closed
IDE secondary address is 376h, 377h, 170-177h	JP1/1	Pins 2 & 3 closed
í Floppy drive address is 3F0-3F7h	JP1/2	Pins 1 & 2 closed
Floppy drive address is 370-377h	JP1/2	Pins 2 & 3 closed
í Floppy drive order is normal (A:, B:)	JP1/3	Pins 2 & 3 closed
Floppy drive order is reversed (B:, A:)	JP1/3	Pins 1 & 2 closed
í IDE(AT) interface enabled	JP1/4	Pins 2 & 3 closed
IDE(AT) interface disabled	JP1/4	Pins 1 & 2 closed
í Floppy drive interface enabled	JP1/5	Pins 2 & 3 closed
Floppy drive interface disabled	JP1/5	Pins 1 & 2 closed
í PC/XT	JP1/6	Pins 1 & 2 closed
PC/AT	JP1/6	Pins 2 & 3 closed

PARALLEL PORT ADDRESS SELECTION		
Setting	JP4/5	JP4/6
LPT1 (378h)	Pins 2 & 3 closed	Pins 2 & 3 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

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SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP4/1	JP4/2
COM1 (3F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP4/3	JP4/4
COM2 (2F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	J4/1	J4/2	J4/3
IRQ4	Closed	Open	Open
IRQ3	Open	Closed	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	J4/4	J4/5	J4/6
IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	J4/7	J4/8
IRQ7	Closed	Open
IRQ5	Open	Closed

PARALLEL PORT MODE SELECTION		
Setting	Label	Position
Uni-directional	JP3	Closed
Bi-Directional (EPP/ECP)	JP3	Open