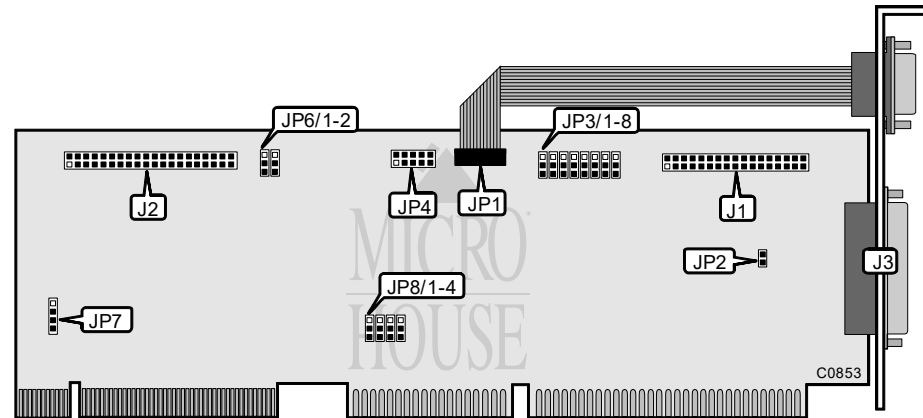


KOUWELL ELECTRONICS CORPORATION

KW-559A

Q4/95

Data bus: 32-bit VL-bus
 Size: Three-quarter length, half-height card
 Hard drive supported: Two IDE(AT) drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
34-pin cable connector - floppy drive	J1
40-pin primary IDE(AT) connector	J2
25-pin parallel port - external	J3
9-pin serial port 1 - external, 10-pin serial port 1 internal	JP1
10-pin serial port 2 - internal	JP4
4-pin connector - drive active LED	JP7

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
Parallel port is unidirectional	JP2	closed
Parallel port is bi-directional	JP2	open
Floppy drive interface enabled	JP3/7	pins 1 & 2 closed
Floppy drive interface disabled	JP3/7	pins 2 & 3 closed
Parallel port IRQ 7 select	JP3/8	pins 2 & 3 closed
Parallel port IRQ 5 select	JP3/8	pins 1 & 2 closed

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KW-559A

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DRIVE SPEED CONFIGURATION		
Speed	JP6/1	JP6/2
0	pins 1 & 2 closed	pins 1 & 2 closed
1	pins 2 & 3 closed	pins 1 & 2 closed
2	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 INTERRUPT SELECTION				
IRQ	JP8/1 pins 1 & 2	JP8/2 pins 1 & 2	JP8/3 pins 1 & 2	JP8/4 pins 1 & 2
IRQ3	closed	open	open	open
IRQ4	open	closed	open	open
IRQ5	open	open	closed	open
IRQ9	open	open	open	closed

SERIAL PORT 2 INTERRUPT SELECTION				
IRQ	JP8/1 pins 2 & 3	JP8/2 pins 2 & 3	JP8/3 pins 2 & 3	JP8/4 pins 2 & 3
IRQ3	closed	open	open	open
IRQ4	open	closed	open	open
IRQ5	open	open	closed	open
IRQ9	open	open	open	closed

PARALLEL PORT ADDRESS SELECTION		
Address	JP3/5	JP3/6
278h	pins 2 & 3 closed	pins 1 & 2 closed
378h	pins 1 & 2 closed	pins 2 & 3 closed
3BCh	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
COM	JP3/1	JP3/2
COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
COM4 (2E8h)	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 ADDRESS SELECTION		
COM	JP3/3	JP3/4
COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed