

# AN INTRODUCTION TO KW-530F DISKETTE CONTROLLER

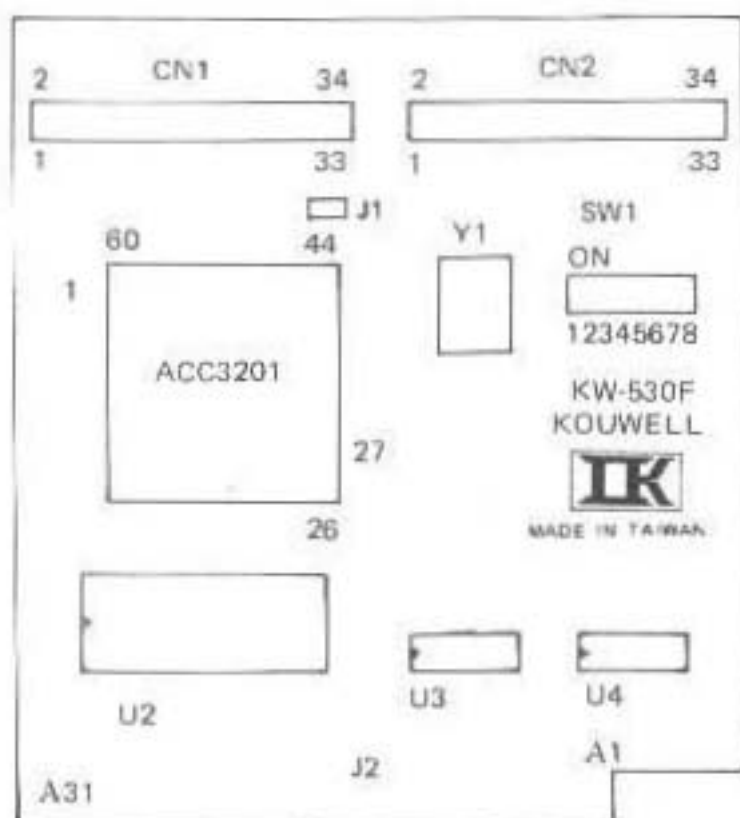
## GENERAL DESCRIPTION

The KW-530F floppy disk controller is designed to control four floppy disk drives in both the 8088, 80286 and 80386 compatible environments with fast access time and high reliability.

## FEATURES

- \* Compatible with 8088/286/386 disk drive system
- \* Supports up to four 3.5" or 5.25" floppy disk drives
- \* Supports 360K/720K/1.2M/1.44M formats

## BOARD LAYOUT



## CONNECTORS

CN1: Floppy disk drive connector for drive A and B

CN2: Floppy disk drive connector for drive C and D

## JUMPER

J1: FDC Primary/Secondary I/O Port select

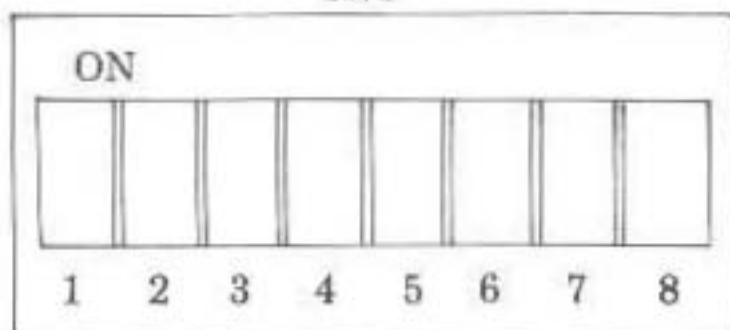
Open: Primary I/O address 3F0—3F7 Hex  
(Factory Setting)

Short: Secondary I/O address 370—377 Hex

## SETTINGS

Board switch SW1 sets the drive formats of the four drives supported by KW-530F. Drive A must be connected to the controller first. The settings are as follows.

SW1



SW1-1 and SW1-2 set the format for drive A

SW1-3 and SW1-4 set the format for drive B

SW1-5 and SW1-6 set the format for drive C

SW1-7 and SW1-8 set the format for drive D

Format	Switch Setting	
	Odd (1, 3, 5, 7)	Even (2, 4, 6, 8)
360K	ON	ON
720K	ON	OFF
1.2M	OFF	ON
1.44M	OFF	OFF

To format diskettes after installing the KW-530F, enter the following commands at the DOS prompt.

Drive Capacity	Diskette Type	Command
360K	360K	Format A:
720K	720K	Format A:
1.2M	360K	Format A: /4
1.2M	1.2M	Format A:
1.44M	720K	Format A: /N:9/T: 80
1.44M	1.44M	Format A: