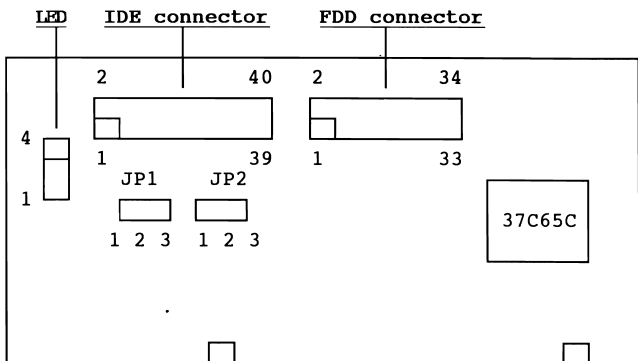# USER'S GUIDE
FIDC CARD

AT BUS DRIVE
AND FLOPPY DISK
CONTROLLER

1. INTRODUCTION

The floppy and integrated/embedded drive control
card, **FIDC**, is designed for **AT** computer and
compatible computers. The card can control up to
two floppy disk drive and 2 integrated/embedded
AT_BUS drive.The card supports floppy drive type
can be 5 1/4" 360KB/1.2MB or 3 1/2" 720KB/1.44MB
With high performance **AT_BUS** drive,the card will
make your system more cost effect and higher
performance.

2. CONFIGURATION

Before install, Check the card's jumper and set
it properlly ,the card will work on your system.
The jumper's location and description as list
below:

JP1: **IOCS16** line with or without buffer output.
     Set 1-2 with buffer output.
     Set 2-3 without buffer output.(factory set)
JP2: **IRQ14** line with or without buffer output.
     Set 2-3 with buffer output.
     Set 1-2 without buffer output.(factory set)
FDD: 34 pins connector for floppy drive interface.
IDE: 40 pins connector for integrated / embedded
     drive interface.
LED: 4 pins connector for **LED** used. The **LED** will
     ON when drive is active.

NOTE:1.The **IOCS16** and **IRQ14** output with or without
       buffer is selectable, it depend on some
       mainboard and drives combination and am-
       biguous problem occurred,select it properly
       will overcome those problem.
     2.The **IDE** cable come with card is a 3head and
       50cm in length, it is suggested to use most
       short from card to drive when only 1 drive
       is installed.
     3.To operate this card with integrated/embedd
       -ed drive properly, please refer to the
       drive installation guide for details.

3. CONNECTOR'S PIN ASSIGNMENT

FDD INTERFACE PIN ASSIGEMENT (FDD)

NAME	NO.	NAME	NO.
-RWC	2	-INDEX	8
-MO1	10	-DS2	12
-DS1	14	-MO2	16
-DIRECTION	18	-STEP	20
-WD	22	-WE	24
-TRACK 0	26	-WP	28
-READ DATA	30	-HS	32
-DISK CHANGE	34		
GROUND	1-33	N.C	4,6

IDE INTERFACE PIN ASSIGEMENT (IDE)

NAME	NO.	NAME	NO.
-RESET	1	SD7	3
SD8	4	SD6	5
SD9	6	SD5	7
SD10	8	SD4	9
SD11	10	SD3	11
SD12	12	SD2	13
SD13	14	SD1	15
SD14	16	SD0	17
SD15	18	-IOW	23
-IOR	25	IOCHRDY	27
ALE	28	IRQ14	31
-IOCS16	32	SA1	33
SA0	35	SA2	36
-CS0	37	-CS1	38
-ACTIVE	39		
GROUND	2,19,22,24,26,30,40		
N.C	20,21,29,34		

LED PIN ASSIGEMENT (LED)

NAME	NO.	NAME	NO.
ANODE	1	GROUND	2
ANODE	4	GROUND	3

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