

B325D MULTI I/O AND AT BUS CONTROL CARD

1. SPECIFICATIONS AND FEATURES:

- One AT Bus (IDE) Port supports two IDE drives (selectable as Primary or Secondary IDE interface).
- One Floppy Port supports two floppy drives (360K/1.2M/720K/1.44M).
- One Parallel Printer Port(select as LPT2 or LPT3).
- Two Serial RS-232 Ports, selectable as COM1 & COM2, or COM3 & COM4 (Software compatible to the 16C450 UARTS).
- One Game Port.

2. OUTPUT CONNECTORS:

a) RS-232 PORT (COM1/2)

COM 1 DB 9		COM 2 DB 25	
PIN NO.	PIN NAME	PIN NO.	PIN NAME
1	DCD	8	DCD
2	RX	3	RX
3	TX	2	TX
4	DTR	20	DTR
5	GND	7	GND
6	DSR	6	DSR
7	RTS	4	RTS
8	CTS	5	CTS
9	RI	22	RI

b) PRINTER PORT

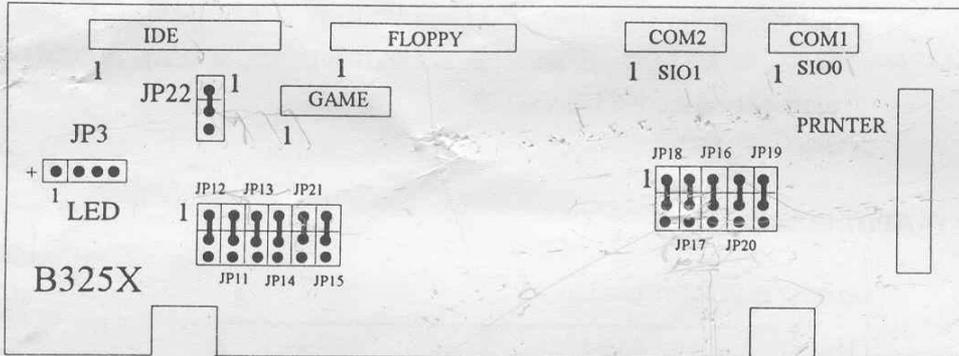
PIN NO.	PIN NAME	PIN NO.	PIN NAME	PIN NO.	PIN NAME
1	-STROBE	10	-ACK	19	GND
2	D0	11	BUSY	20	GND
3	D1	12	PE	21	GND
4	D2	13	SLCT	22	GND
5	D3	14	-AUTO FED	23	GND
6	D4	15	-ERROR	24	GND
7	D5	16	-INIT	25	GND
8	D6	17	-SLCT IN		
9	D7	18	GND		

c) IDE LED CONNECTOR (JP3)

PIN 1 or 2	LED +
PIN 3 or 4	LED -

3. JUMPER SETTING

The illustrations below show the default settings and configuration options for this card.



JUMPER	DESCRIPTION	1-2 SHORT	2-3 SHORT
JP11	FDD ENA/DIS	ENABLE*	DISABLE
JP16	FDD ADDRESS SELECT	3F2,3F4,3F5,3F7*	372,374,375,377
JP12	HDD ENA/DIS	ENABLE*	DISABLE
JP14	IDE ADDRESS SELECT	1F0-1F7,3F6,3F7*	170-177,376,377
JP17	SIO0 ENA/DIS	ENABLE*	DISABLE
JP18	SIO0 ADDRESS SELECT	3F8-2FF(COM1)*	3E8-3EF(COM3)
JP19	SIO1 ENA/DIS	ENABLE*	DISABLE
JP20	SIO1 ADDRESS SELECT	2F8-2FF(COM2)*	2E8-2EF(COM4)
JP15	PRINTER ENA/DIS	ENABLE*	DISABLE
JP21	PRINTER ADDRESS SELECT	378-37F(LPT2)*	278-27F(LPT2)
JP13	GAME ENA/DIS	ENABLE*	DISABLE
JP22	HDD IRQ SELECT	IRQ14*	IRQ15

* DEFAULT SETTING

lpt1 IRQ7
 lpt2 IRQ2 / IRQ5
 com1 IRQ4
 com2 IRQ3

LPT2 doesn't work
 (card stays on 1)

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9	RI	22	RI

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4	D2	13	SLCT	22	GND
5	D3	14	-AUTO FED	23	GND
6	D4	15	-ERROR	24	GND
7	D5	16	-INIT	25	GND
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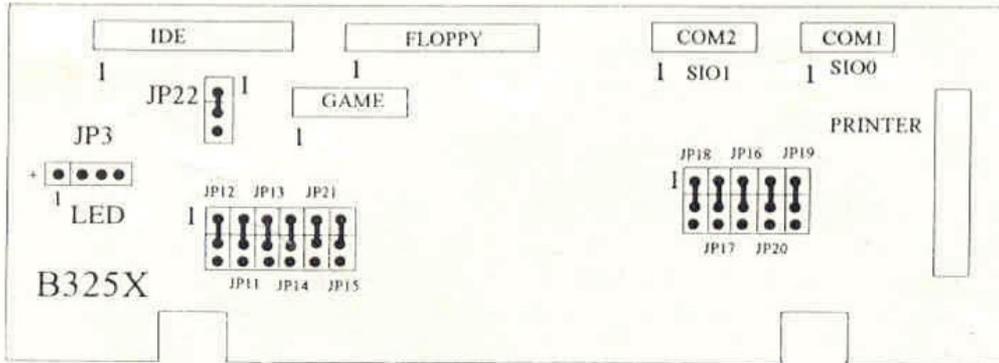
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JP20	SIO1 ADDRESS SELECT	2F8-2FF(COM2)*	2E8-2EF(COM4)
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JP21	PRINTER ADDRESS SELECT	378-37F(LPT2)*	278-27F(LPT3)
JP13	GAME ENA/DIS	ENABLE*	DISABLE
JP22	HDD IRQ SELECT	IRQ14*	IRQ15

* DEFAULT SETTING

JP12 2-3 disable IDE