

TCL+4D and TCL+8D Switch Settings (Legacy Hardware circa 1986/87)

INTRODUCTION

The TCL+4D, TCL+4DB, TCL+8D and TCL+8DB are full length IBM PC/AT compatible multiport cards providing four or eight RS232 Serial I/O Ports. The cards may be configured to emulate other multiport adapter cards. The emulations and port ranges available are dependant on the PAL integrated circuit installed in the TCL adapter at manufacturing time. The supported configurations are select via a single TWO way switch.

The PAL is identified by a printed paper label attached to the top of the PAL integrated circuit.

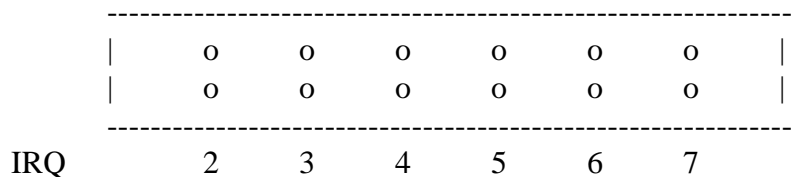
The “D” cards support single byte transmit and receiver buffered UARTs.

The “DB” cards support 16 byte transmit and receiver buffered UARTs.

TCL+4D and TCL+4DB Options.

TCL+4D and TCL+4DB				
PAL: ASAR4D				
Switch			Latch	UART Base Port Addresses
SW1	SW2	Emulation	Address	Ports 1 - 4
OFF	OFF	AST-4	0x2BF	0x2A0 , 0x2A8, 0x2B0, 0x2B8
OFF	ON	AST-4	0x1BF	0x1A0 , 0x1A8, 0x1B0, 0x1B8
ON	OFF	Arnet-4	0x2C2	0x280 , 0x288, 0x290, 0x298
ON	ON	Arnet-4	0x1C2	0x180 , 0x188, 0x190, 0x198

The interrupt request line used by the Multiport card is selected via a six way (Dual In Line [DIL]) pin header. The shorting link should be moved to select the required IRQ Number.



TCL+4D and TCL+8D Switch Settings (Legacy Hardware circa 1986/87)

TCL+8D and TCL+8DB Options.

TCL+8D and TCL+8DB				
PAL: TCL+8D				
Switch			Latch	UART Base Port Addresses
SW1	SW2	Emulation	Address	Ports 1 - 8
OFF	OFF	Hostess-8	0x287	0x280 , 0x288, 0x290, 0x298, 0x2A0, 0x2A8, 0x2B0, 0x2B8
OFF	ON	Hostess-8	0x2C7	0x2C0 , 0x2C8, 0x2D0, 0x2D8, 0x2E0, 0x2E8, 0x2F0, 0x2F8
ON	OFF	N/A	--	----
ON	ON	N/A	--	----

TCL+8D and TCL+8DB				
PAL: ARH+8D				
Switch			Latch	UART Base Port Addresses
SW1	SW2	Emulation	Address	Ports 1 - 8
OFF	OFF	Hostess-8	0x2C7	0x2C0 , 0x2C8, 0x2D0, 0x2D8, 0x2E0, 0x2E8, 0x2F0, 0x2F8
OFF	ON	Hostess-8	0x187	0x180 , 0x188, 0x190, 0x198, 0x1A0, 0x1A8, 0x1B0, 0x1B8
ON	OFF	Arnet-8	0x2C2	0x280 , 0x288, 0x290, 0x298, 0x2A0, 0x2A8, 0x2B0, 0x2B8
ON	ON	Arnet-8	0x1C2	0x180 , 0x188, 0x190, 0x198, 0x1A0, 0x1A8, 0x1B0, 0x1B8

TCL+8D and TCL+8DB				
PAL: IMS+8D				
Switch			Latch	UART Base Port Addresses
SW1	SW2	Emulation	Address	Ports 1 - 8
OFF	OFF	Hostess-8	0x307	0x300 , 0x308, 0x310, 0x318, 0x320, 0x328, 0x330, 0x338
OFF	ON	Hostess-8	0x2C7	0x2C0 , 0x2C8, 0x2D0, 0x2D8, 0x2E0, 0x2E8, 0x2F0, 0x2F8
ON	OFF	Hostess-8	0x287	0x280 , 0x288, 0x290, 0x298, 0x2A0, 0x2A8, 0x2B0, 0x2B8
ON	ON	Hostess-8	0x187	0x180 , 0x188, 0x190, 0x198, 0x1A0, 0x1A8, 0x1B0, 0x1B8

The interrupt request line used by the Multiport card is selected via a six way (Dual In Line [DIL]) pin header. The shorting link should be moved to select the required IRQ Number.

