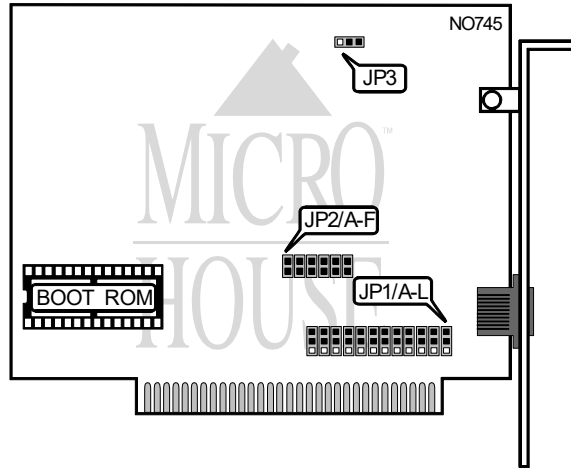


TULIP COMPUTERS
UTP 8-BIT

NIC Type Ethernet
Transfer Rate 10 Mbps
Data Bus 8-bit ISA
Topology Linear Bus
Wiring Type Unshielded twisted pair
Boot ROM Available



I/O ADDRESS SELECT						
Address	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E	JP1/F
200h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
208h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
210h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
218h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
220h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
228h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
230h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
238h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
240h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
248h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
250h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
258h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
260h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
268h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
270h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
278h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2

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I/O ADDRESS SELECT (CONTINUED)						
Address	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E	JP1/F
280h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
288h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
290h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
298h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
2A0h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
2A8h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
2B0h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
2B8h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
2C0h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2C8h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2D0h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2D8h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2E0h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2E8h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2F0h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2F8h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
300h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
308h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
310h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
318h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
320h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
328h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
330h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
338h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
340h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
348h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
350h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
358h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
360h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
368h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
370h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
378h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
380h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
388h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
390h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
398h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
3A0h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
3A8h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
3B0h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
3B8h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
3C0h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3

Note: Pins designated should be placed in the closed position.

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I/O ADDRESS SELECT (CONTINUED)						
Address	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E	JP1/F
3C8h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3D0h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3D8h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3E0h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3E8h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3F0h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
3F8h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3

Note: Pins designated should be placed in the closed position.

BOOT ROM		
Setting	JP1/K	JP1/L
Enabled	Pins 1 & 2 closed	Pins 2 & 3 closed

Note: Alternate settings are unspecified in manufacturer documentation.

BASE MEMORY ADDRESS SELECT				
Address	JP1/G	JP1/H	JP1/I	JP1/J
C000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
C400h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
C800h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
CC00h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
D000h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
D400h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
D800h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
DC00h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
E000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
E400h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
E800h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
EC00h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3

Note: Pins designated should be in the closed position.

INTERRUPT SELECT						
IRQ	JP2/A	JP2/B	JP2/C	JP2/D	JP2/E	JP2/F
IRQ2	Closed	Open	Open	Open	Open	Open
IRQ3	Open	Closed	Open	Open	Open	Open
IRQ4	Open	Open	Closed	Open	Open	Open
IRQ5	Open	Open	Open	Closed	Open	Open
IRQ6	Open	Open	Open	Open	Closed	Open
IRQ7	Open	Open	Open	Open	Open	Closed

FACTORY CONFIGURED SETTINGS	
Jumper	Setting
JP3	N/A

Note: The settings and significance of this jumper are unspecified in manufacturer documentation.