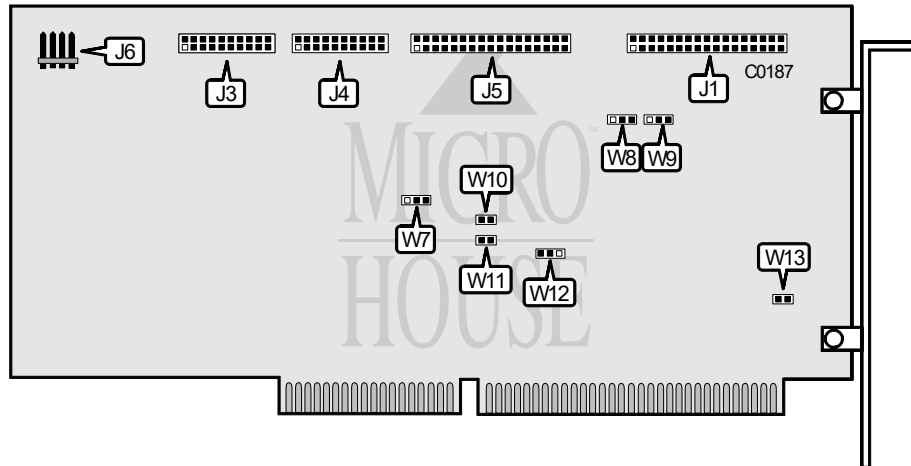


## SCIENTIFIC MICRO SYSTEMS OMTI 8150C, 8250, 8250C, 8157, 8257

Data bus: 16-bit, ISA  
 Size: Full-length, full-height card  
 Hard drives supported: OMTI 8150C/8250/8250C: Two MFM ST506/ST412 drives  
 OMTI 8157/8257: Two RLL ST506/ST412 drives  
 Floppy drives supported: OMTI 8150C/8157: None  
 OMTI 8250/8250C/8257: Two 360KB, 720KB, 1.2MB, 1.44MB  
 Sector interleave: 1:1  
 Maximum heads/cyl.: 16 heads and 2048 cylinders



CABLE CONNECTIONS	
34-pin data cable connector-floppy drive (OMTI 8250/C/8257 only)	J1
20-pin data cable connector-drive 0	J3
20-pin data cable connector-drive 1	J4
34-pin control cable connector-hard drive	J5
4-pin connector-drive active LED	J6

*Continued on next page . . .*

# SCIENTIFIC MICRO SYSTEMS

## OMTI 8150C, 8250, 8250C, 8157, 8257

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Sysclk signal from AT bus input to 5098C chip	W7	pins 1 & 2 closed
No sysclk signal from bus, input tied low	W7	pins 2 & 3 closed
í Single speed floppy drives (OMTI 8250/8250C/8257 only)	W8	pins 1 & 2 closed
Dual speed floppy drives (OMTI 8250/8250C/8257 only)	W8	pins 2 & 3 closed
í Floppy precomp. values normal (8250/8250C/8257 only)	W9	pins 2 & 3 closed
Alt. floppy precomp. values (OMTI 8250/8250C/8257 only)	W9	pins 1 & 2 closed
í Factory configured - do not alter	W10	N/A
í Hard drive port address is 1F0-1F7h	W11	open
Hard drive port address is 170-177h	W11	closed
í Floppy drive port address 3F0-3F7h (8250/8250C/8257 only)	W12	pins 2 & 3 closed
Floppy drive port address 370-377h (8250/8250C/8257 only)	W12	pins 1 & 2 closed
í Power-ground and chassis-ground separate	W13	open
Power-ground and chassis-ground connected	W13	closed