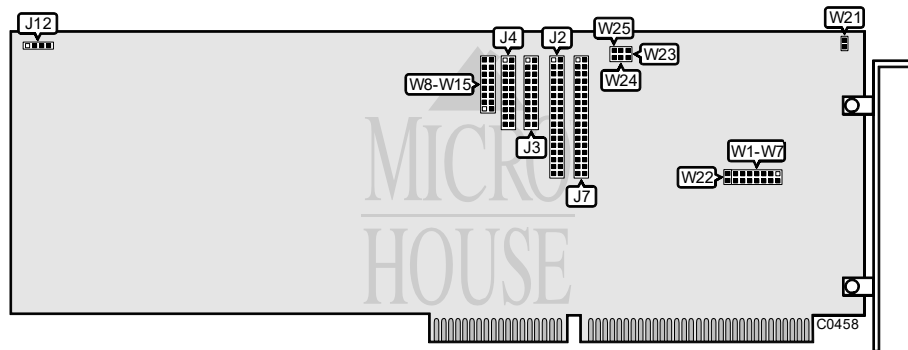


SCIENTIFIC MICRO SYSTEMS

OMTI 8600, 8610

Q2/94

Data bus: 16-bit, ISA
 Size: Full-length, full-height card
 Hard drives supported: Two MFM ST506/ST412 drives or ESDI drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
34-pin control cable connector - hard drive	J2
20-pin data cable connector - drive 0	J3
20-pin data cable connector - drive 1	J4
34-pin control cable connector - floppy drive	J7
2-pin connector - drive active LED	J12

DRIVE TYPE CONFIGURATION					
Cylinders	Heads	W1	W2	W3	W4
ESDI	ESDI	closed	closed	closed	closed
918	15	open	closed	closed	closed
987	7	closed	open	closed	closed
697	5	open	open	closed	closed
306	4	closed	closed	open	closed
977	5	open	closed	open	closed
733	5	closed	open	open	closed
640	6	open	open	open	closed
640	4	closed	closed	closed	open
512	8	open	closed	closed	open
612	2	closed	open	closed	open
612	7	open	open	closed	open
615	4	closed	closed	open	open
612	4	open	closed	open	open
306	6	closed	open	open	open
306	4	open	open	open	open

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SCIENTIFIC MICRO SYSTEMS

OMTI 8600

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HARD DRIVE PORT ADDRESS			
Address	W5	W6	W22
í 320h	open	open	closed
324h	closed	open	closed
328h	open	closed	closed
32Ch	closed	closed	closed
1A0h	open	open	open
1A4h	closed	open	open
1A8h	open	closed	open
1ACh	closed	closed	open

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive port address is 3F0-3F7h	W7	closed
Floppy drive port address is 370-377h	W7	open
í Drive 0 sector type is soft	W10	open
Drive 0 sector type is hard	W10	closed
í Drive 0 set for ST506 drive	W11	open
Drive 0 set for ESDI drive	W11	closed
í Drive 0 set for fixed media drive	W12	open
Drive 0 set for removable media drive	W12	closed
í Drive 1 sector type is soft	W13	open
Drive 1 sector type is hard	W13	closed
í Drive 1 set for ST506 drive	W14	open
Drive 1 set for ESDI drive	W14	closed
í Drive 1 set for fixed media drive	W15	open
Drive 1 set for removable media drive	W15	closed

BYTES PER SECTOR		
Bytes per sector/sectors per track	W8	W9
í 512/17	open	open
512/18	closed	open
1024/9	open	closed
1056/9	closed	closed

MISCELLANEOUS TECHNICAL NOTES
Jumpers W21, W23, W24, W25 are factory configured - do not alter.