NCL AMERICA
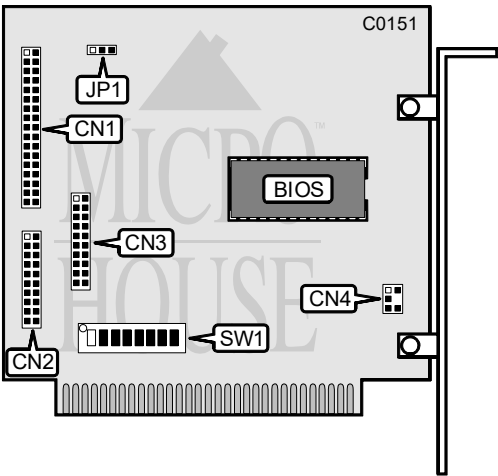## NCL 5427

Q4/92

Data bus: 8-bit, ISA
Size: Half-length, full-height card
Hard drives supported: Two MFM ST506/412
Floppy drives supported: None

CONNECTIONS	
Function	Location
34-pin control cable connector-hard drive	CN1
20-pin data cable connector-drive 0	CN2
20-pin data cable connector-drive 1	CN3
5-pin connector-DC power	CN4

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Supports up to 8 heads	JP1	pins 1 & 2 closed
Supports up to 16 heads	JP1	pins 2 & 3 closed

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BIOS Drive Type Table for the NCL5427 - SW1									
Hd/Cyl	#	1	2	3	4	5	6	7	8
3/1024	1	on	on	on	off	off	off	off	off
	2	off	off	off	off	on	on	on	on
4/612	1	on	on	off	off	off	off	off	off
	2	off	off	off	off	on	on	on	on
6/820	1	on	off	on	off	off	off	off	on
5/1024	1	on	off	on	off	off	off	off	on
4/612	1	off	on	on	off	off	off	off	off
	2	off	off	off	off	off	on	on	off
8/1024	1	off	on	off	off	off	off	off	on
4/306	1	off	off	on	off	off	off	off	off
	2	off	off	off	off	off	off	on	off
8/615	1	off	off	off	off	off	off	off	on
7/1024	1	on	on	on	on	off	off	off	on
9/1024	1	on	on	off	on	off	off	off	on
5/695	1	on	on	on	on	off	off	off	off
	2	on	on	off	on	on	off	on	off
6/1024	1	off	on	off	on	off	off	off	on
10/823	1	on	on	on	on	off	off	off	off
	2	on	on	off	on	off	on	on	off
4/1024	1	on	on	off	on	off	off	off	on
5/820	1	on	on	on	on	off	off	off	on
7/820	1	on	on	off	on	off	off	off	on
Note:	SW1/switch 8 must be "on" before power-up to enable the drive splitting feature.								

MISCELLANEOUS TECHNICAL NOTES
This controller has a built-in, low-level format program. To enter the program run the DEBUG utility supplied with DOS and at the prompt enter: G=C800:5