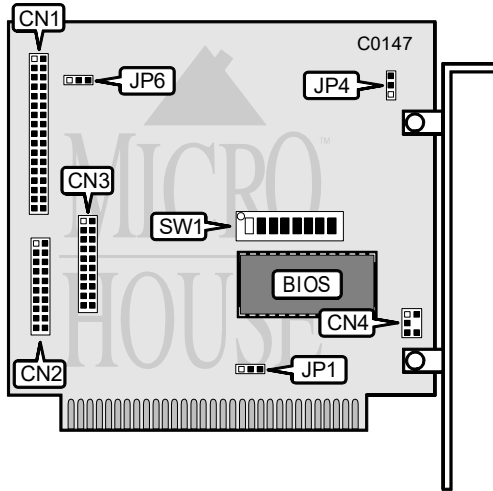


NCL AMERICA
NCL5127

Q3/92

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



CONNECTIONS	
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
f BIOS enabled	JP1	pins 1 & 2 closed
BIOS disabled	JP1	pins 2 & 3 closed
f Factory configured - do not alter	JP4	pins 2 & 3 closed
f Head select is 8 or less	JP6	pins 1 & 2 closed
Head select is up to 16	JP6	pins 2 & 3 closed

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DRIVE TABLE FOR NCL-5127 BIOS					
Drive Type #	Heads	Cylinders	Drive Type #	Heads	Cylinders
0	7	699	8	6	640
1	6	612	9	5	733
2	4	640	10	7	733
3	4	612	11	5	830
4	2	612	12	7	830
5	2	306	13	10	830
6	4	320	14	15	918
7	4	306	15	5	977

Note: Types 10-15 are supported by Virtual Split only
For types 13 & 14, JP6/pins 2-3 must be "closed"

DRIVE 0 CONFIGURATION TABLE								
#	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0	closed	closed	closed	open	open	open	open	closed
1	closed	closed	open	open	open	open	open	open
2	closed	open	closed	open	open	open	open	open
3	closed	open	open	open	open	open	open	open
4	open	closed	closed	open	open	open	open	open
5	open	closed	open	open	open	open	open	open
6	open	open	closed	open	open	open	open	open
7	open	open	open	open	open	open	open	open
8	closed	closed	closed	closed	open	open	open	open
9	closed	closed	open	closed	open	open	open	open
10	closed	open	closed	closed	open	open	open	closed
11	closed	open	open	closed	open	open	open	closed
12	open	closed	closed	closed	open	open	open	closed
13	open	closed	open	closed	open	open	open	closed
14	open	open	closed	closed	open	open	open	closed
15	open	open	open	closed	open	open	open	closed

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DRIVE 1 CONFIGURATION TABLE								
#	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
1	open	open	open	open	closed	closed	open	open
2	open	open	open	open	closed	open	closed	open
3	open	open	open	open	closed	open	open	open
4	open	open	open	open	open	closed	closed	open
5	open	open	open	open	open	closed	open	open
6	open	open	open	open	open	open	closed	open
7	open	open	open	open	open	open	open	open
8	open	open	open	closed	closed	closed	closed	open
9	open	open	open	closed	closed	closed	open	open

