

REV	ECO NUMBER	DES BY	DATE	CHK BY	DATE	APP BY	DATE
1	ECO 3601318			JA	11/19/88		
2	ECO 3601393	LH	4/7/89				

USM
CONNECTOR
PAGE 7

POWER, DECOUPLING
PAGE 2

LED
CONNECTOR
PAGE 2

NODES
PAGE 8-15

CHANNEL
7
CONNECTORS
PAGE 4

PERFORMANCE
PORT

CHAN 0'
(VX)
PAGE 6

INTER-CUBE
COMMUNICATIONS
CONNECTORS
PAGE 5-6

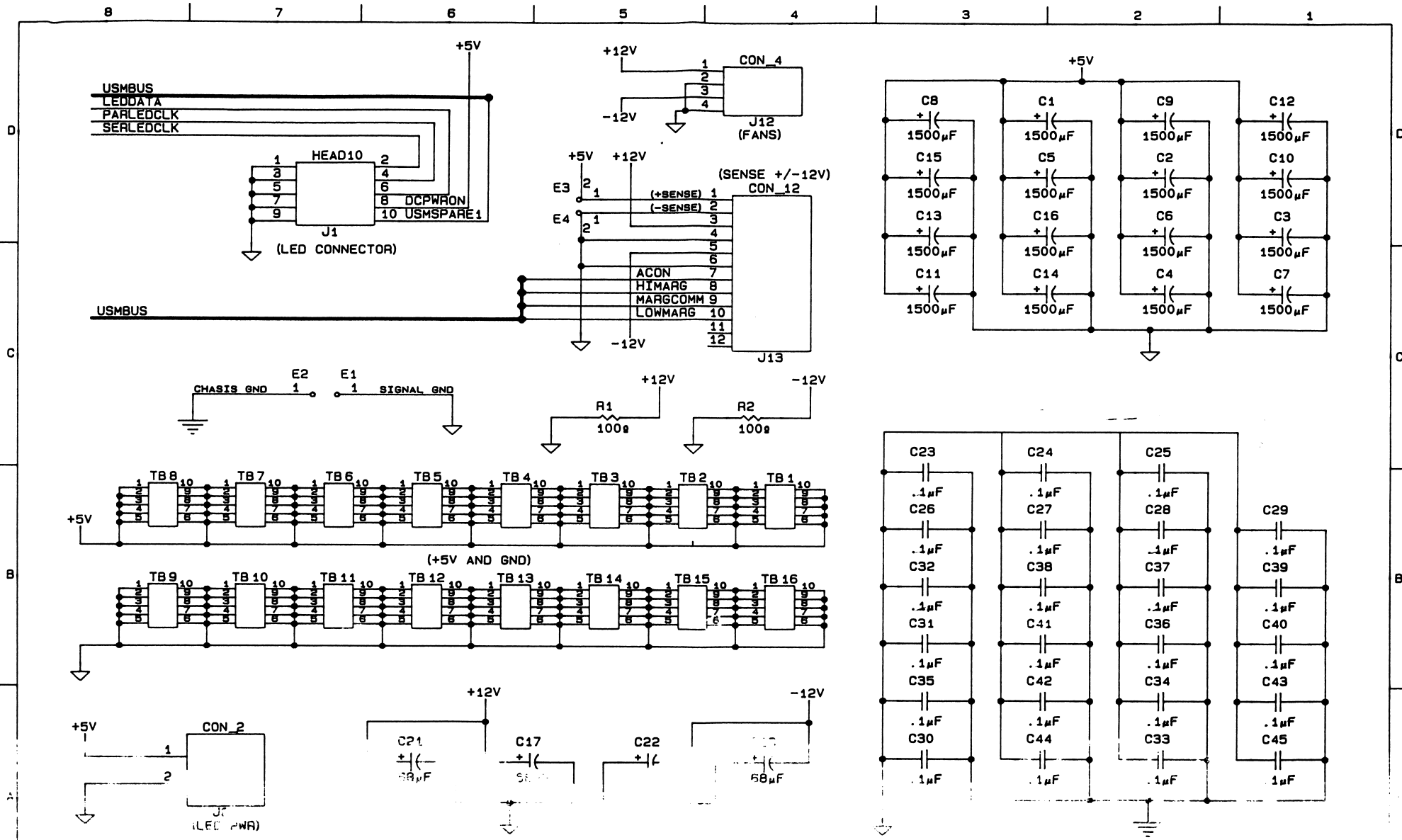
Intel Scientific
15201 Greenbrier Pkwy
Beaverton, Oregon, 97006

TITLE
CIOS BAGN...

SIZE CODE DOCUMENT.
B 313688-001

DATE
7/08/88

1 OF 15



Intel Scientific Computers
 15201 Greenbrier Pkwy.
 Beaverton, Oregon, 97006

TITLE
 CIOS BACKPLANE

PROJECT AND DRAWING NUMBER
 B 313688-001

REV. DATE
 2.0 //08/88

SHEET
 2 OF 15

DAY \IC\BACK\SH2.DWG

Intel Scientific Computer
 15201 Greenbrier Pk.
 Beaverton, Oregon, 97006

TITLE

CIOS BAUN

SIZE

B

CODE

DOCUM

31368b-001

REV

2.0

DATE

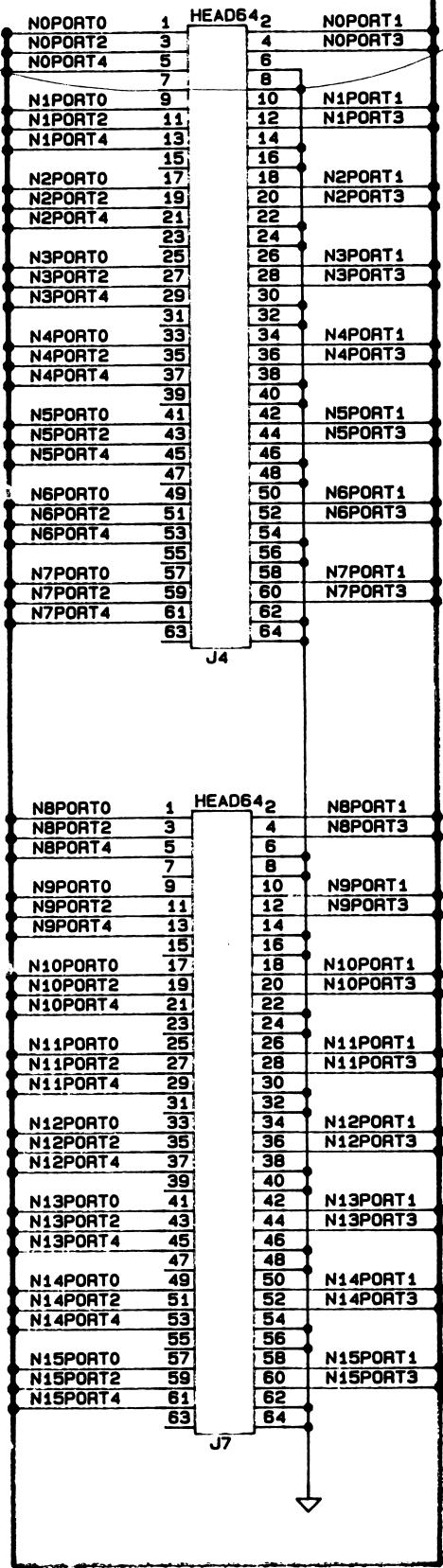
7/08/88

SHEET

3

OF 15

PERFORMANCE PORT



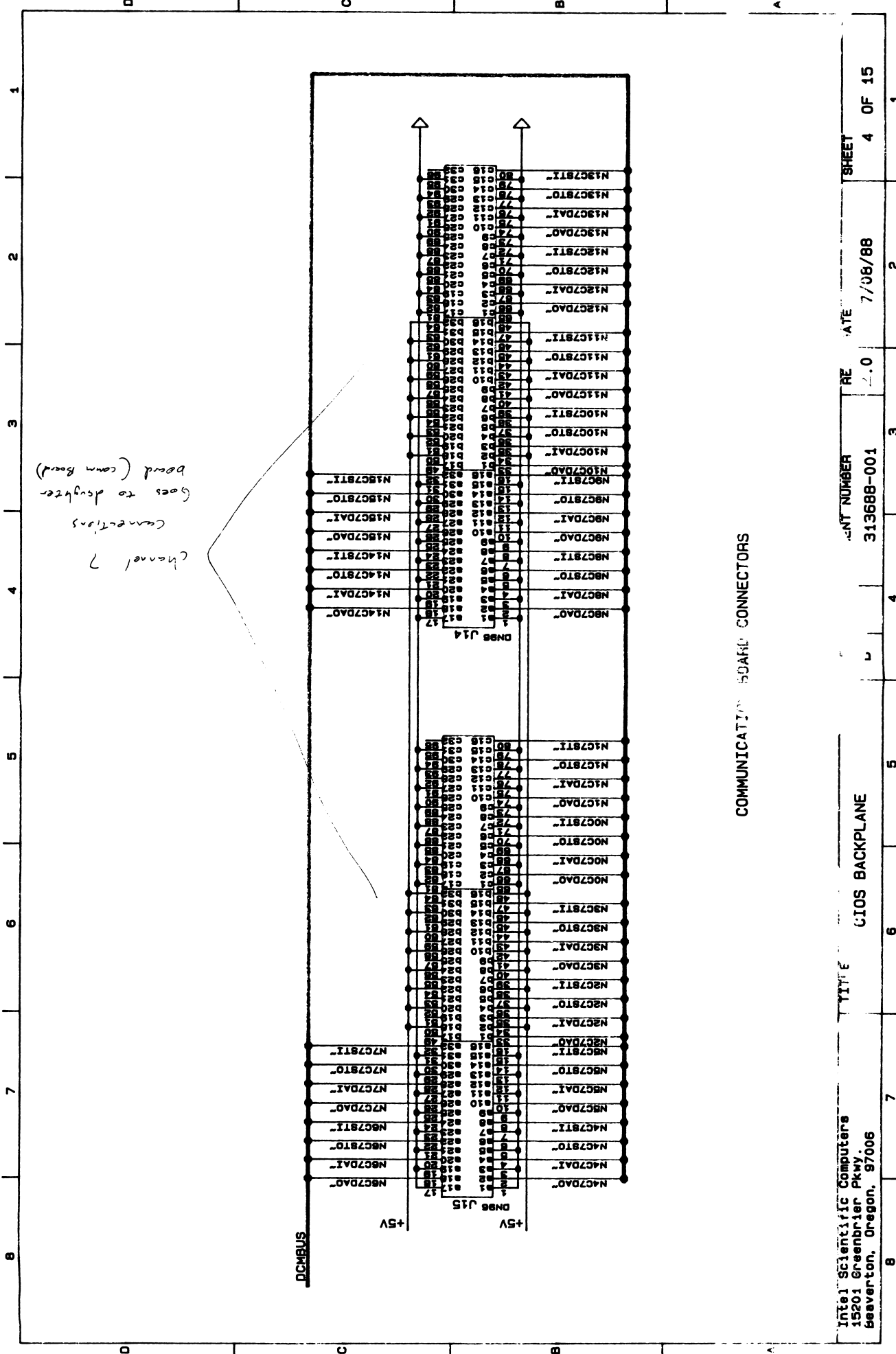
PABUS

Node 0
 bits $\phi \rightarrow 4$
 one bit is used as a
 strobe.

The use of these
 ports is not documented
 in customer literature.

Both the 386 & 860
 nodes support these lines
 although the ~~700~~ addresses
 may be different.

You could test the
 usefulness of these
 lines with a logic
 analyzer.



COMMUNICATIONS BACK CONNECTORS

Intel Scientific Computers 15201 Greenbriar Pkwy. Beaverton, Oregon, 97006	TITLE CIOS BACKPLANE	DRAWING NUMBER 313688-001	DATE 7/08/88	SHEET 4 OF 15
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Intel Scientific Computers
 15201 Greenbrier, P.O. Box
 Beaverton, Oregon, 97006

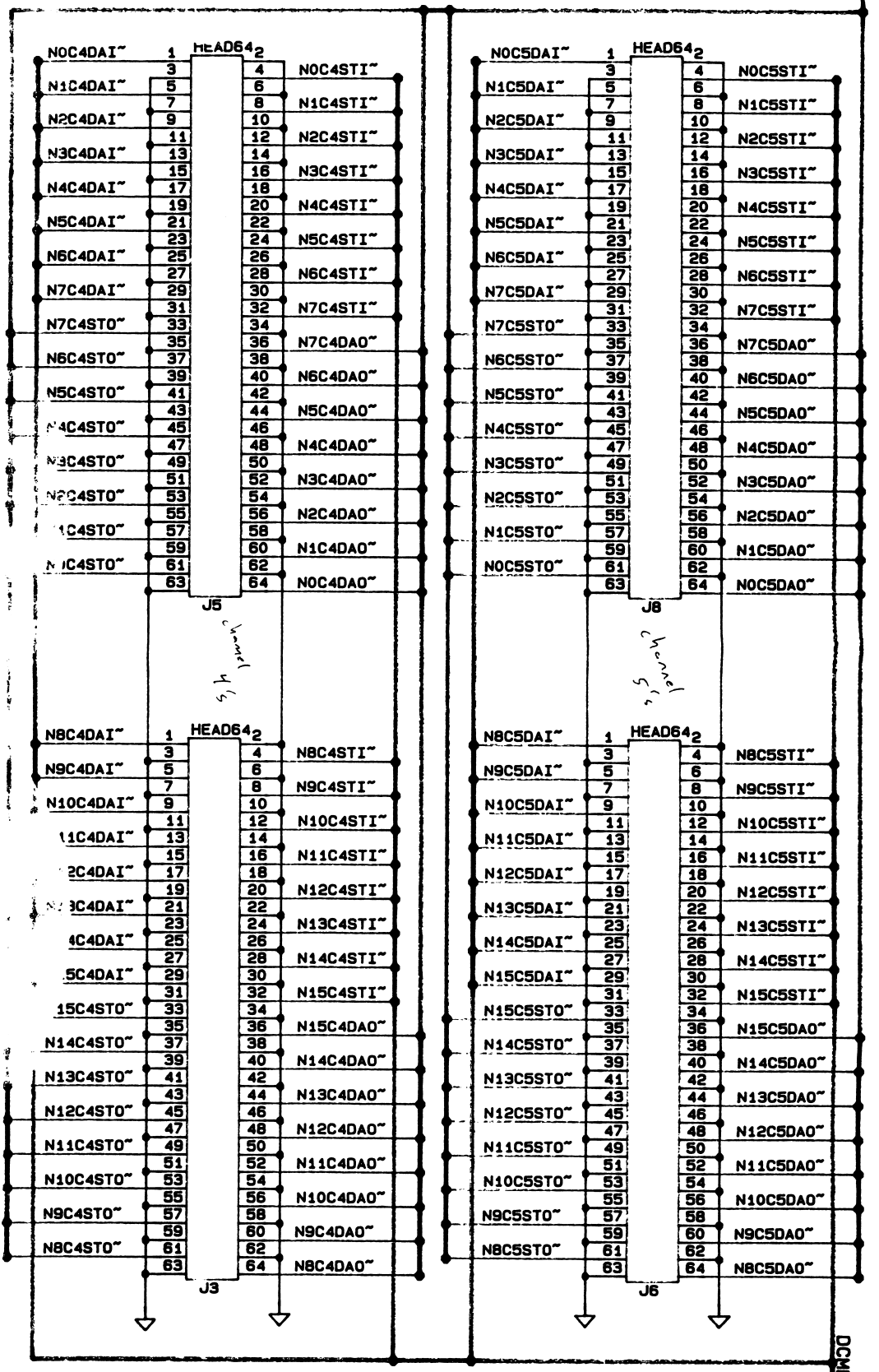
TITLE
 CIOS BAC...

SIZE CODE
 B

DOCU.
 313688-U01

DATE
 7/08/88

SHEET
 5 OF 15



Intel Scientific Computers
12501 Greenbrier PKWY.
Beaverton, Oregon, 97006

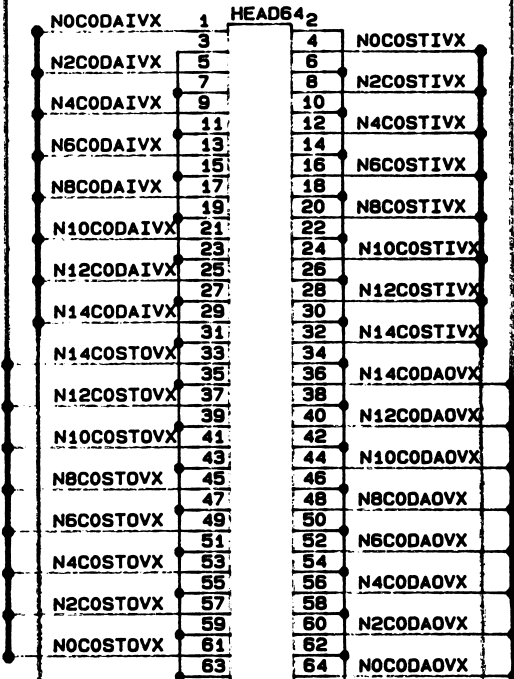
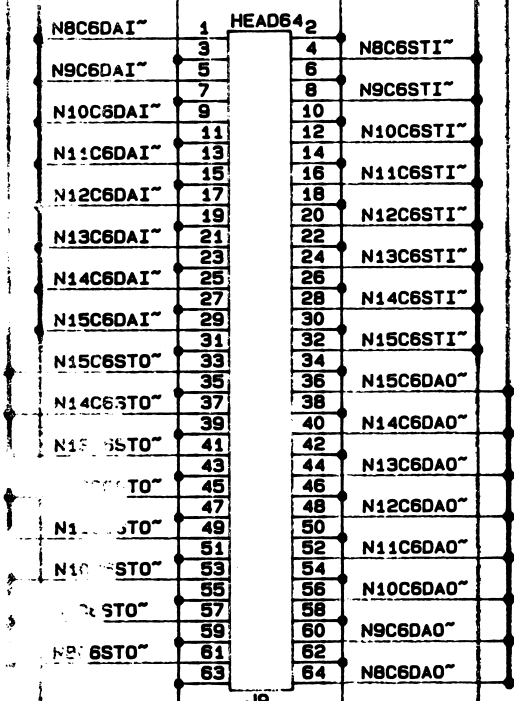
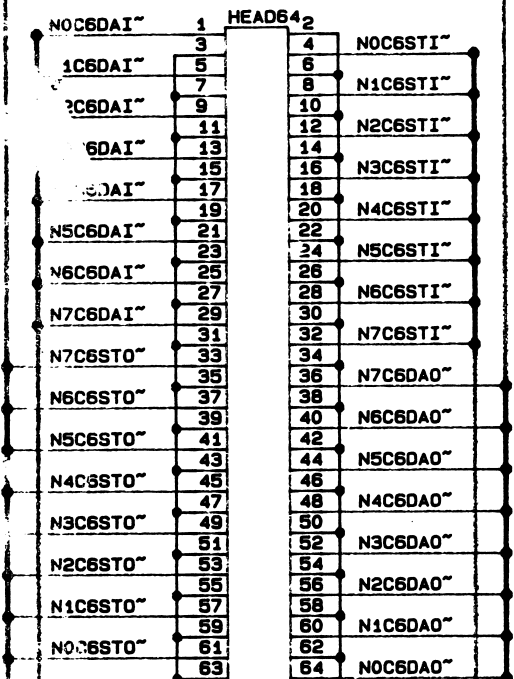
TITLE
CIOS BACKPLANE

TEST CODE DOCUMENT NUMBER
313688-001

REV. DATE
2.0 7/08/88

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INTER-SLICE COMMUNICATIONS CONNECTORS

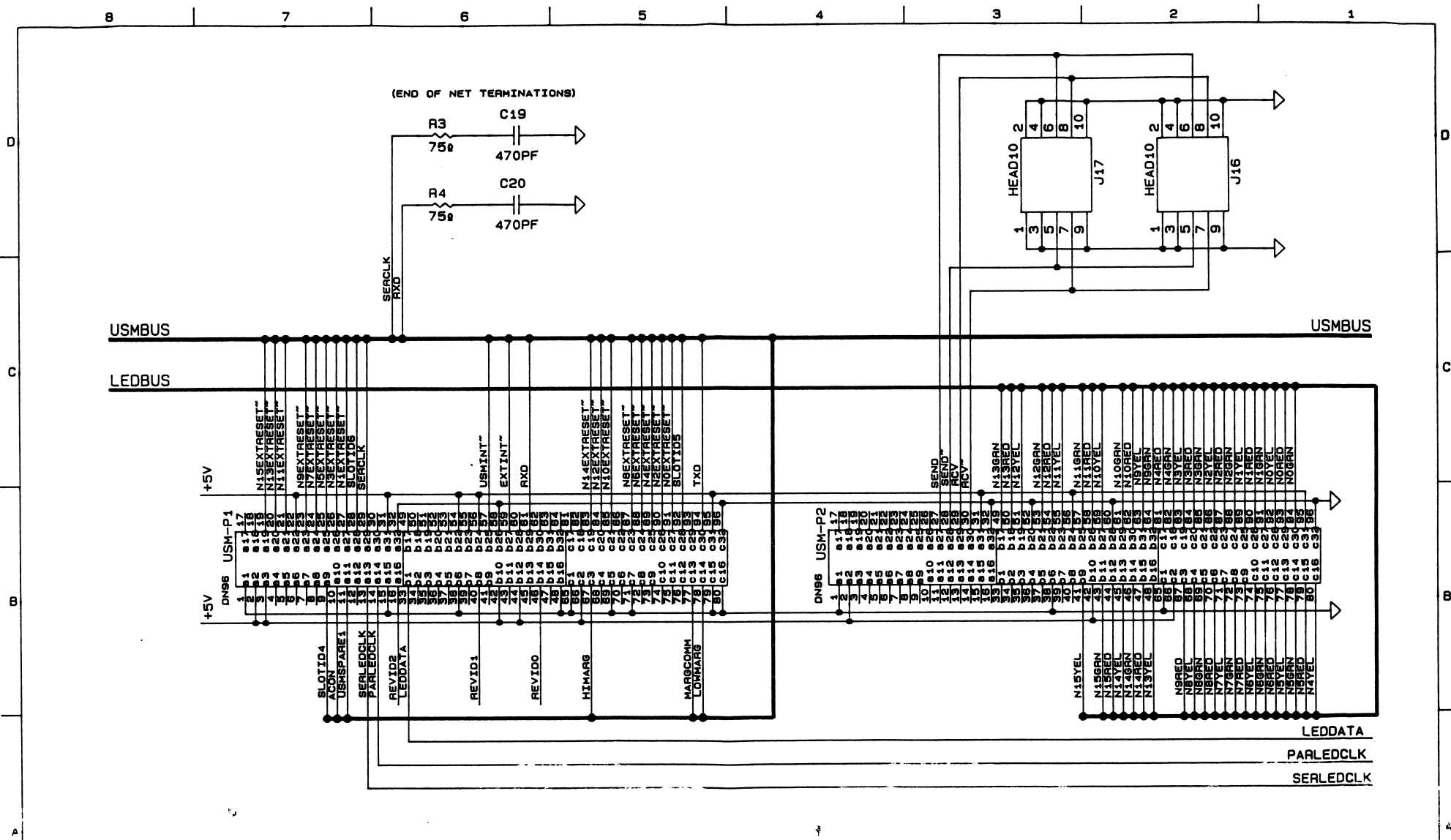


These signals are only active when we have a special version of DCM. It allows us to use the channel 6 hypercube link when every other slot is empty. We have not tested this feature.

DCMBUS

CHAN 0 (VX)

DCMBUS



USM CONN

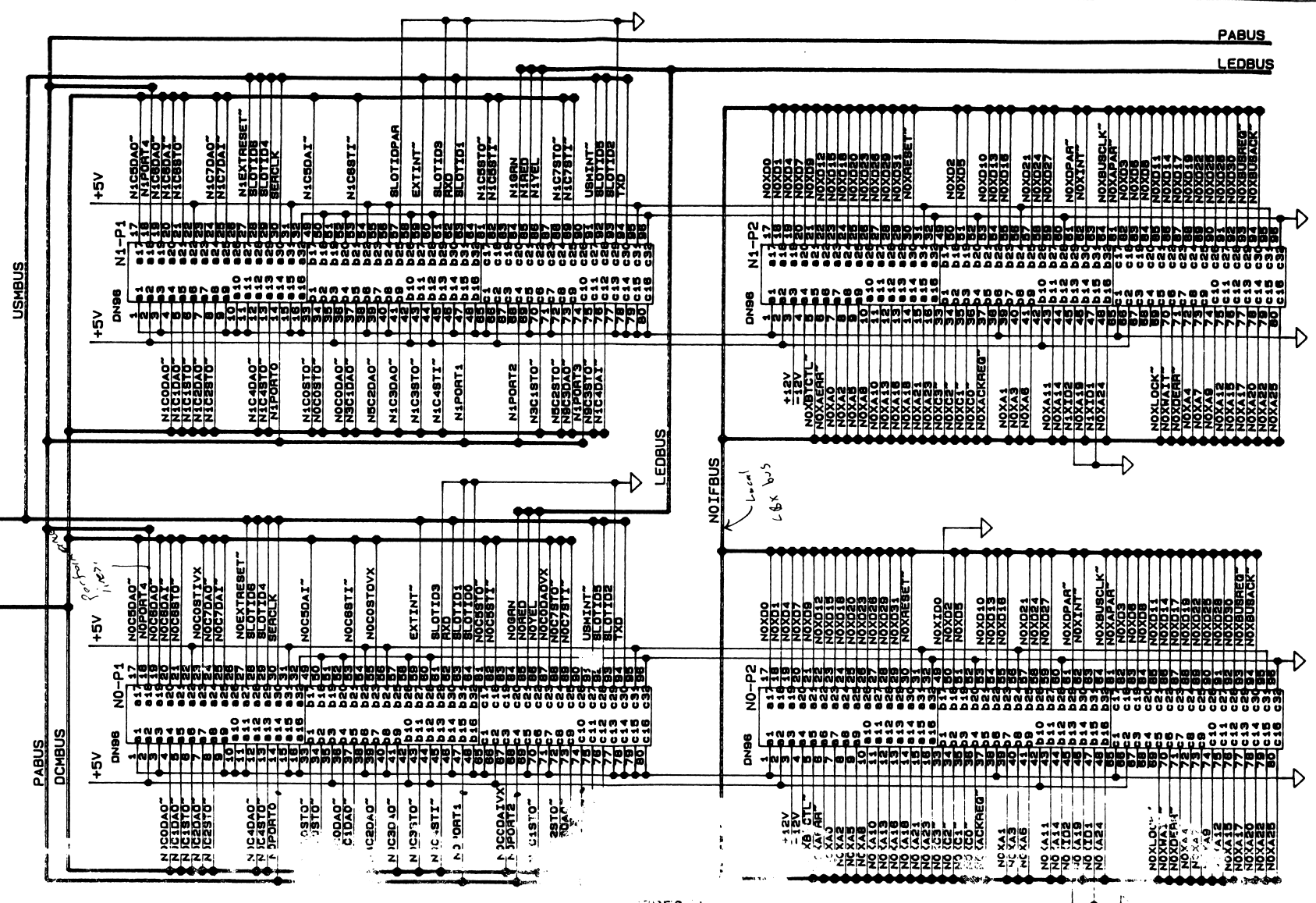
Intel Scientific Computers
 15201 Greenbrier Hwy.
 Beaverton, Oregon, 97006

TITLE
 CIOS BACKPLANE

SIZE CODE DOCUMENT NUMBER
 B 313688-001

REV DATE
 2.0 7/08/88

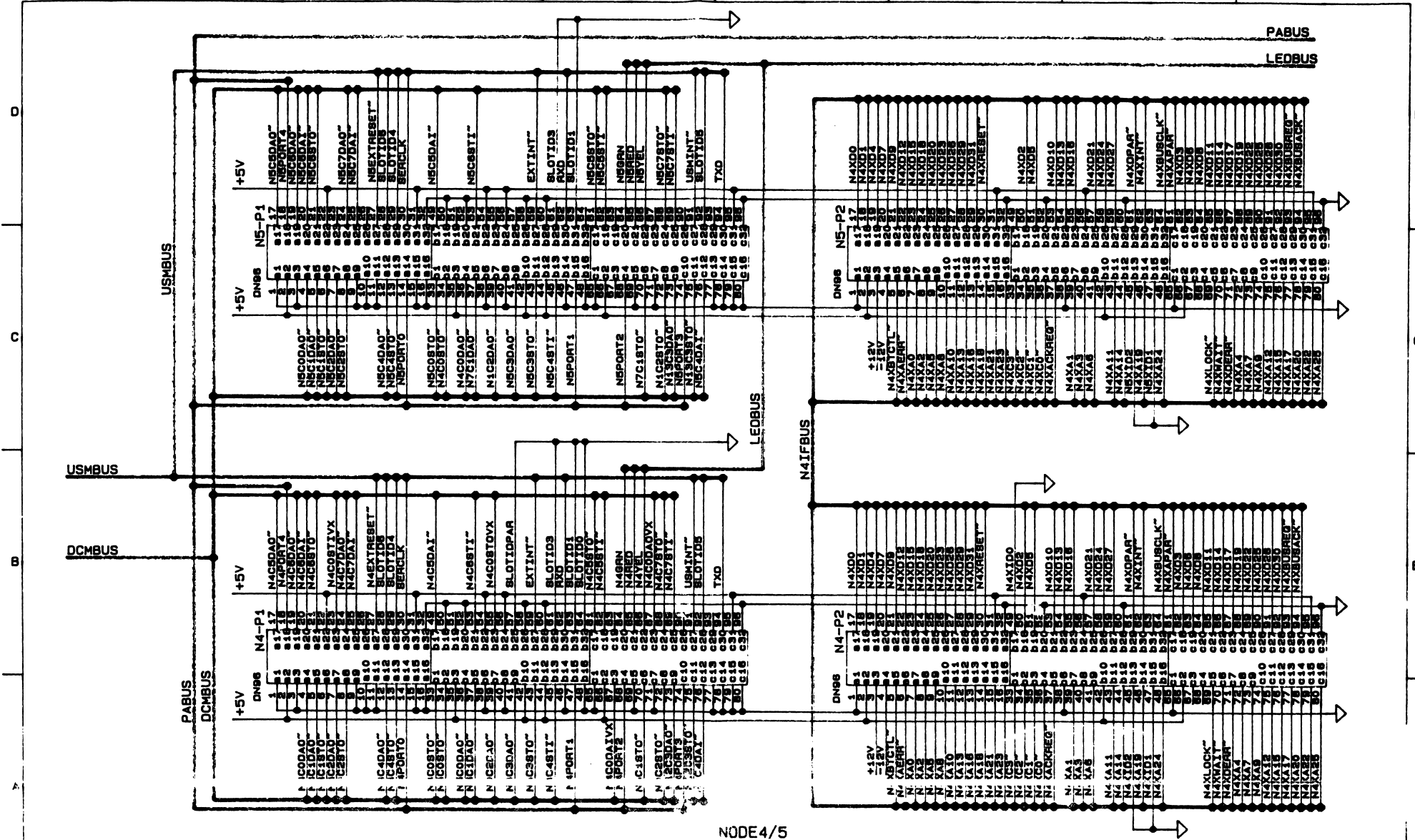
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Intel Scientific Computers
 15201 Greenbrier Pkwy.
 Beaverton, Oregon, 97006

TITLE
 CIOS BACKPLANE

MODEL	313688-001	REV	2.0	DATE	11/08/88	SHEET	8 OF 15
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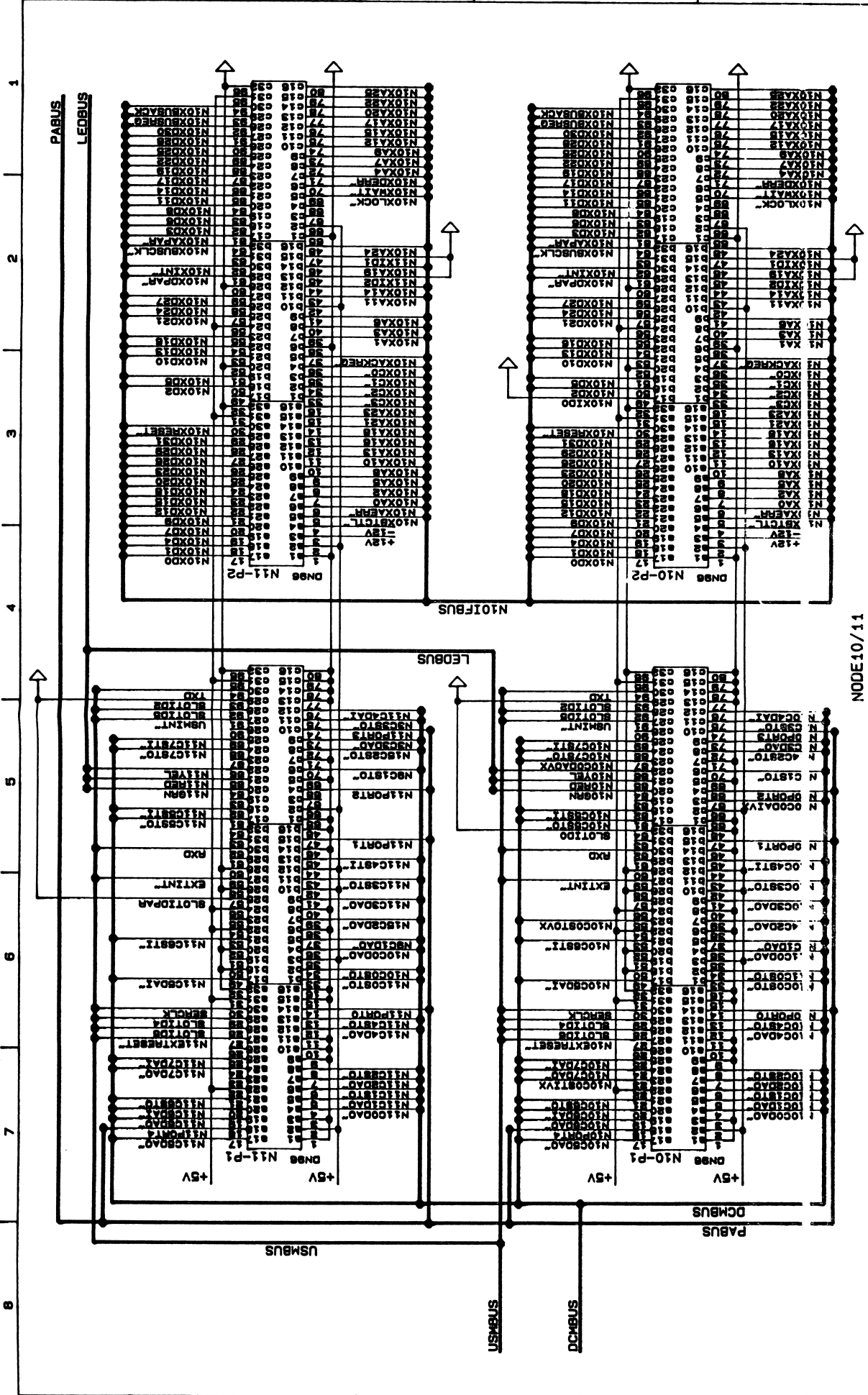


NODE4/5

Intel Scientific Computers
 15201 Greenbrier Pkwy.
 Beaverton, Oregon, 97006

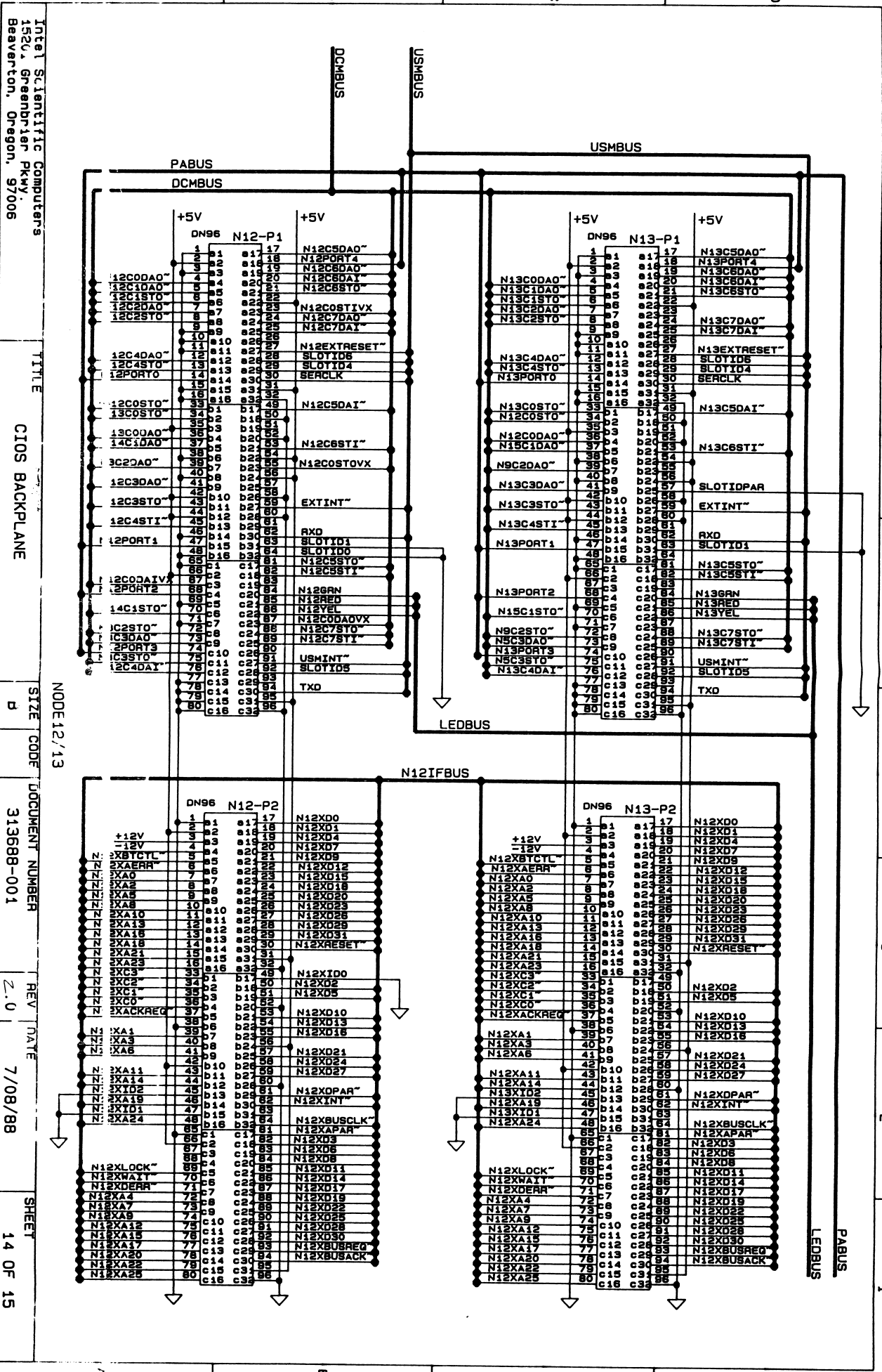
TITLE
 CIOS BACKPLANE

SIZE	CODE	DOCUMENT NUMBER	REV	DATE	SHEET
B		313688-001	2.0	7/08/88	10 OF 15



Intel Scientific Corp., Dept. 15201 Greenway Dr. Pk. 7, Beaverton, Oregon, 97006	TITLE	SIZE	CODE	DOCUMENT NUMBER	REV	DATE	SHEET
	C10S BACKPLANE	B		313668-001	2.0	7/08/88	13 OF 15

NODE10/11



Intel Scientific Computers
 1520, Greenbrier Pkwy.
 Beaverton, Oregon, 97006

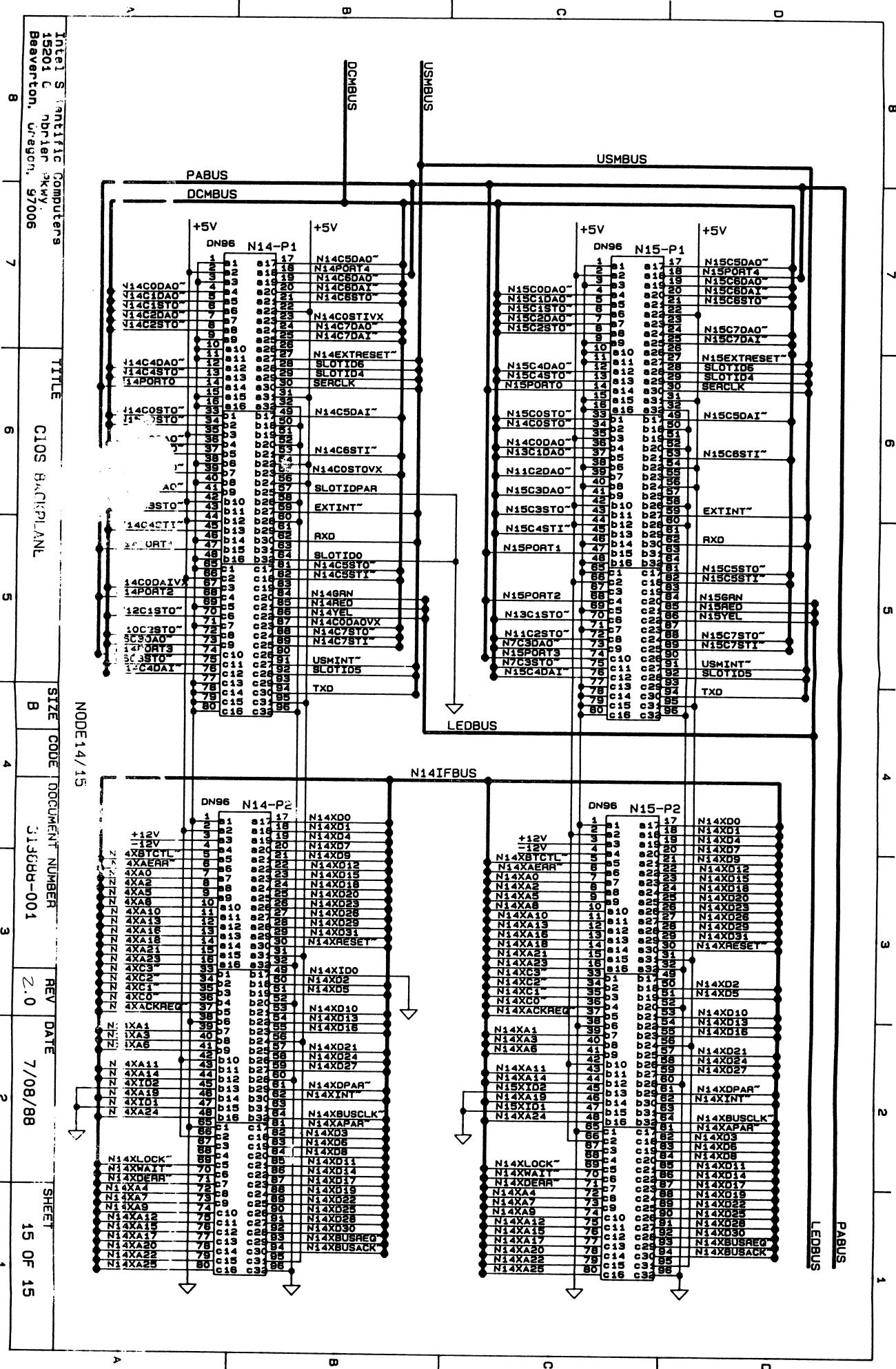
TITLE
 CIOS BACKPLANE

SIZE CODE
 B

DOCUMENT NUMBER
 313688-001

REV DATE
 2.0 7/08/88

SHEET
 14 OF 15



Intel Scientific Computers
 15201 C nbr1br 3kwy,
 Beaverton, Oregon, 97006

TITLE
 C10S BACKPLANE

SIZE CODE
 B

DOCUMENT NUMBER
 31368A-001

REV DATE
 2.0 7/08/88

SHEET
 15 OF 15

DAY TIME DATE \SH15.DWG

NODE14/15

1 2 3 4 5 6 7 8 9

A B C D