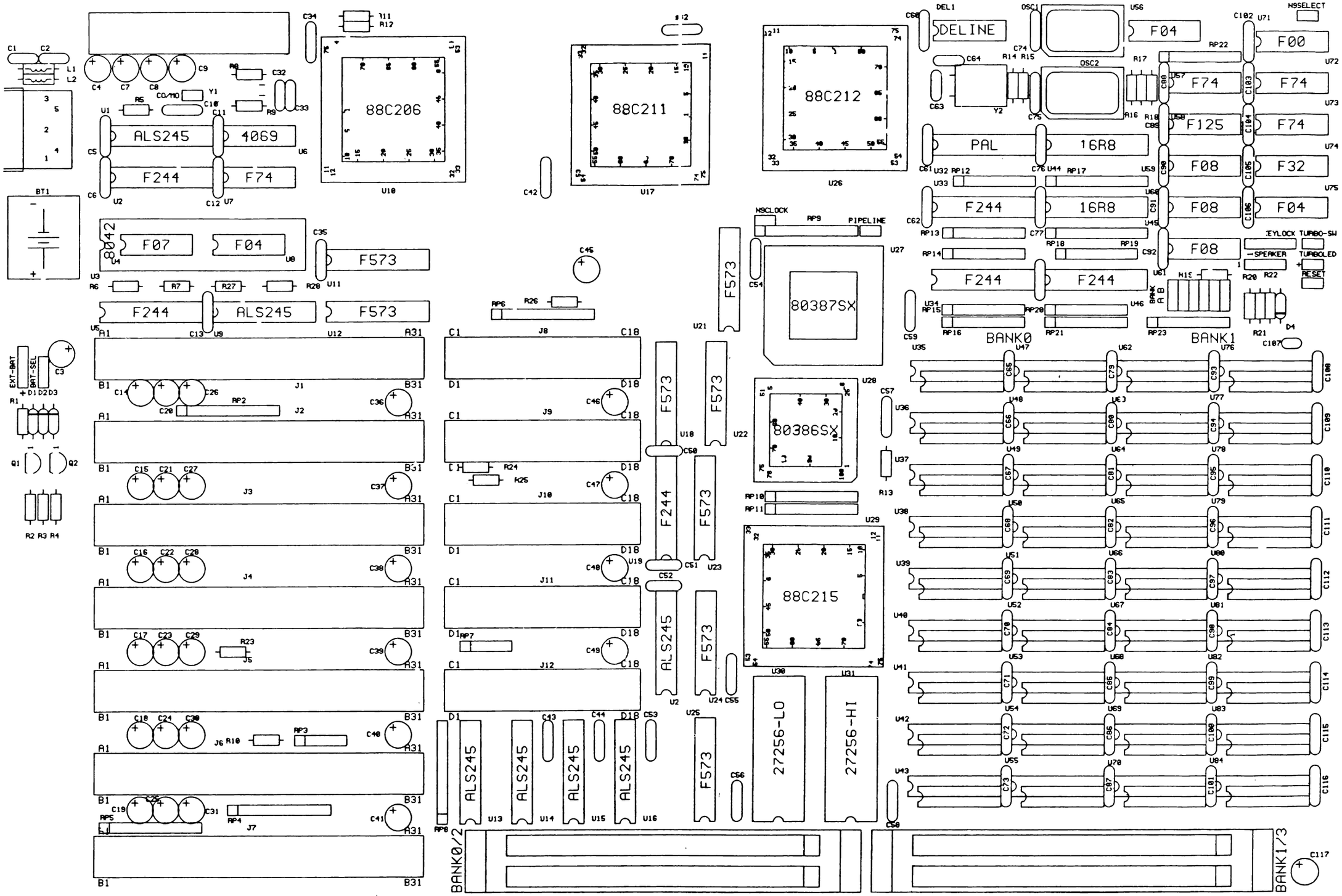
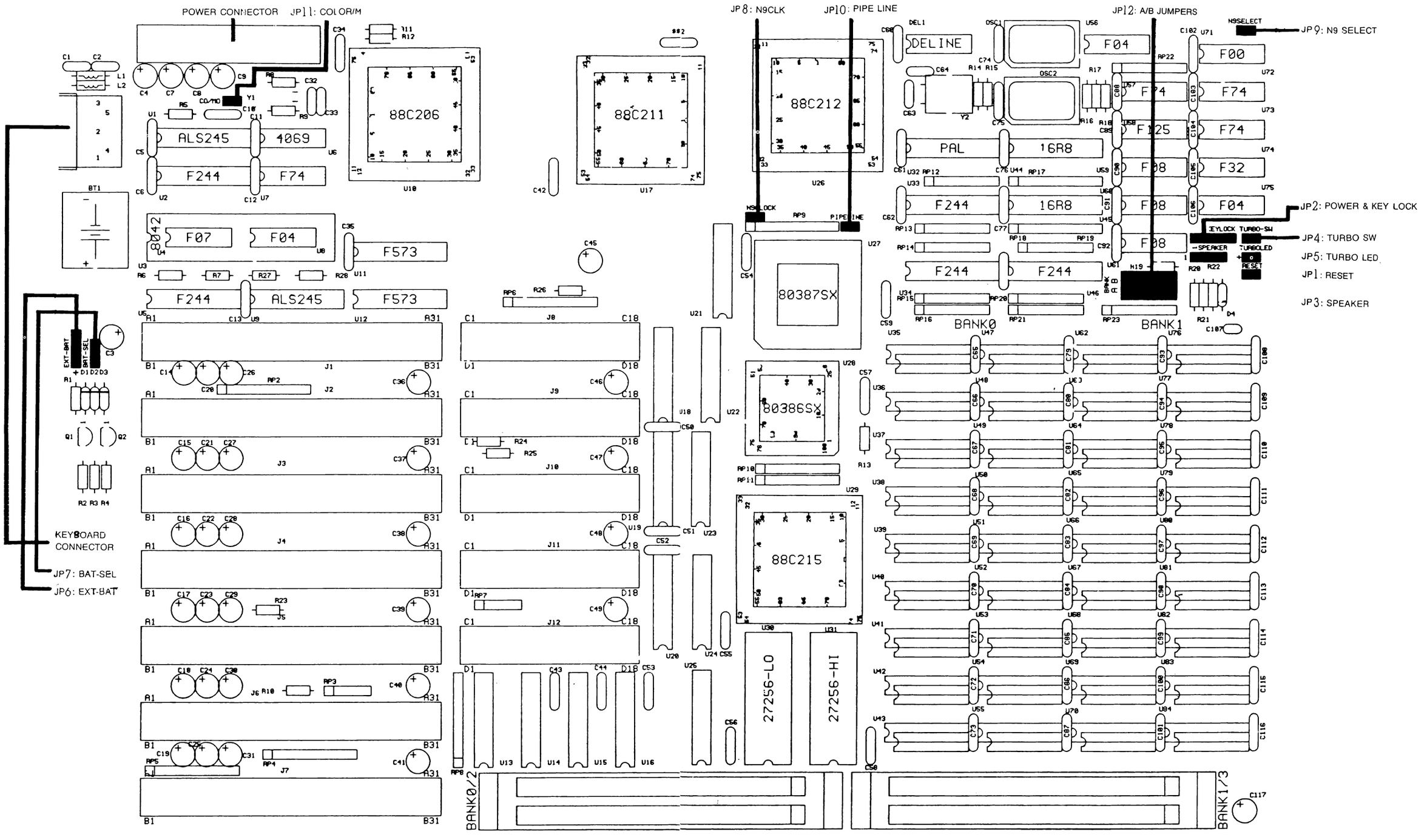
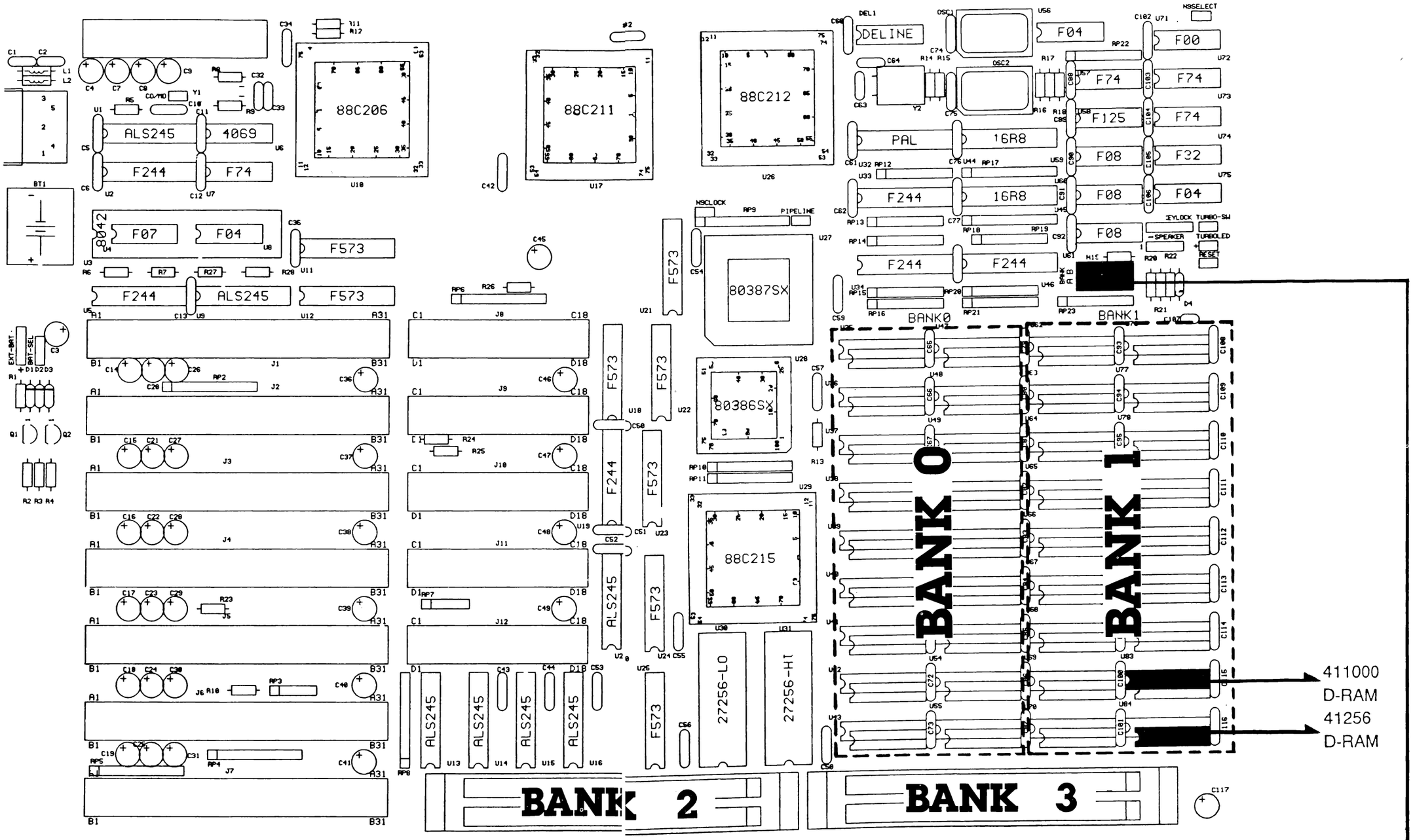
COMPONENTS LOCATIONS



JUMPERS AND CONNECTORS SETTING



BANK LOCATION



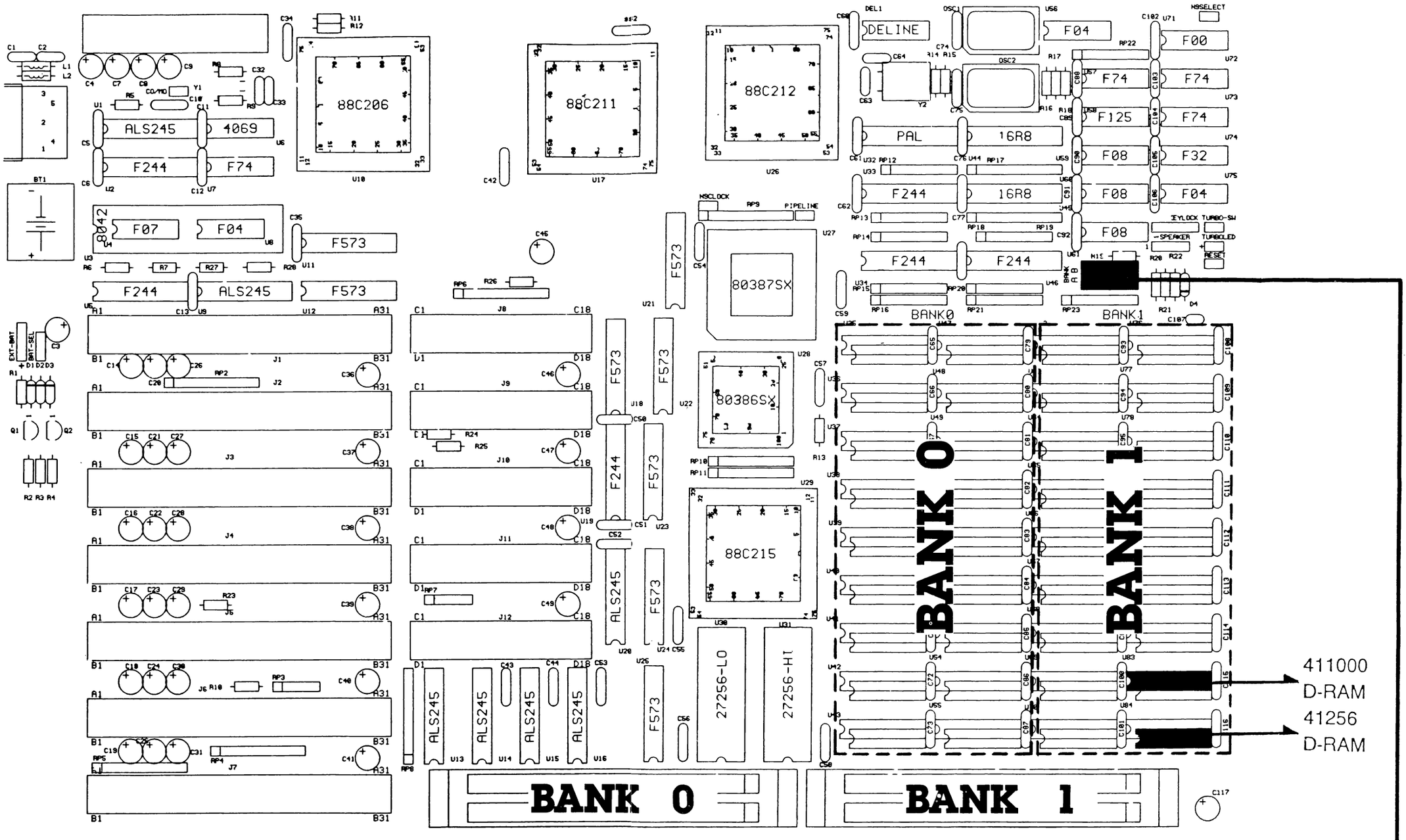
A/B JUMPERS (SELECT A/B JUMPERS FOR RAM INSTALLATION)

A		B
1	2	3
*	*	*
*	*	*
*	*	*
*	*	*
*	*	*
*	*	*

SELECT A JUMPERS

USE DIP RAM ON BANK 0/1, AS LO-BANK.
AND RAM MODULE ON BANK 2/3, AS HI-BANK.

BANK LOCATIONS

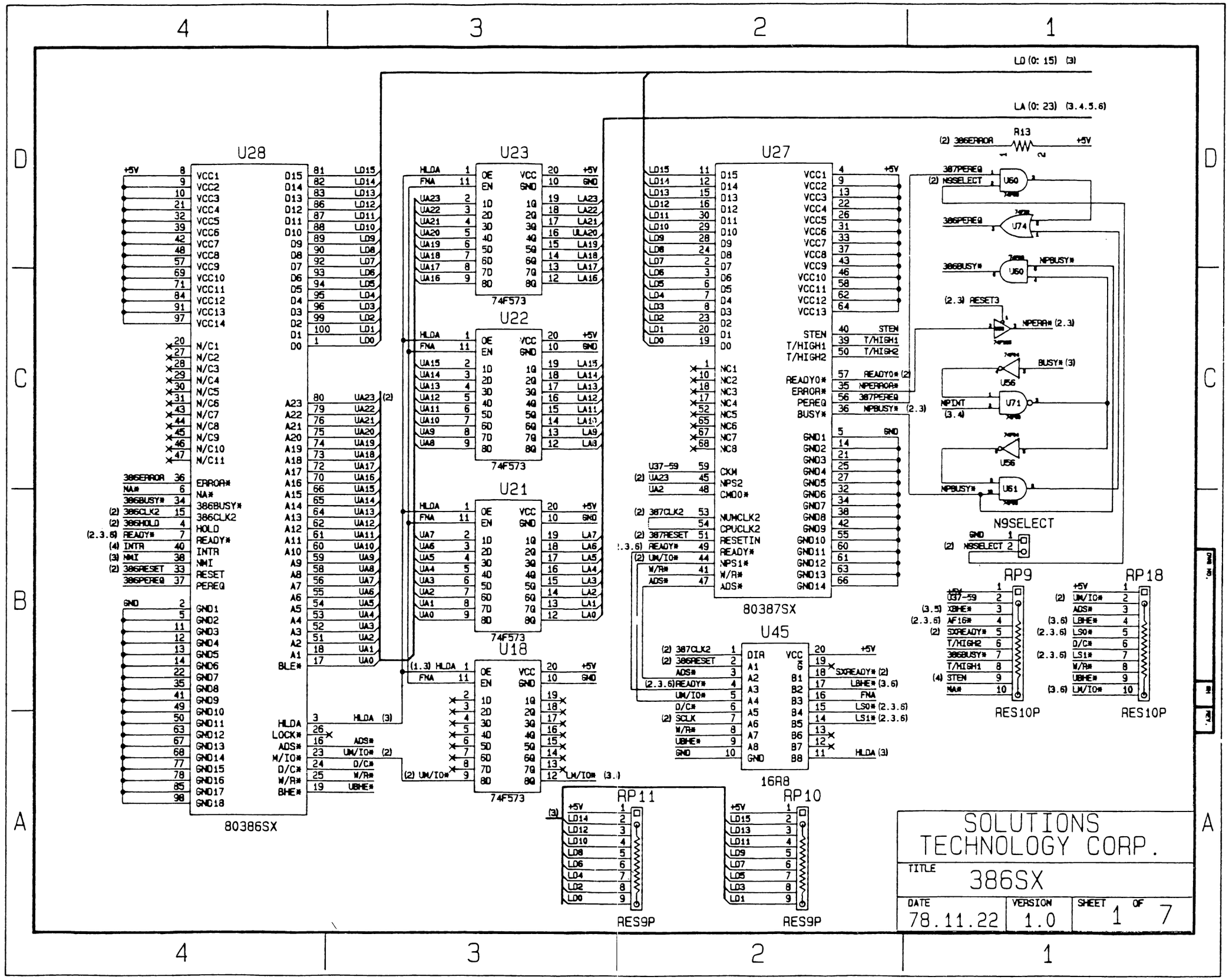


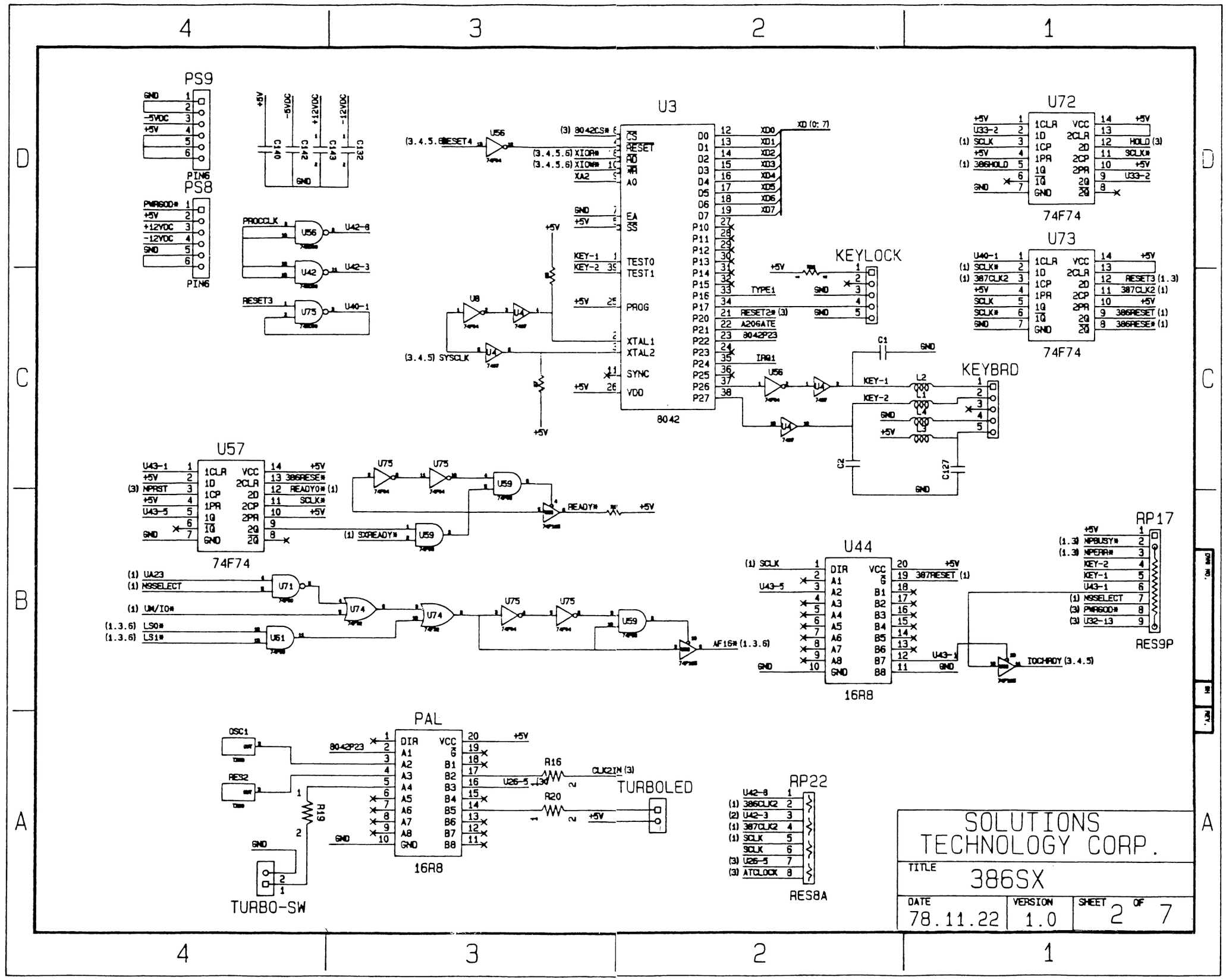
A/B JUMPERS (SELECT A/B JUMPERS FOR RAM INSTALLATION)

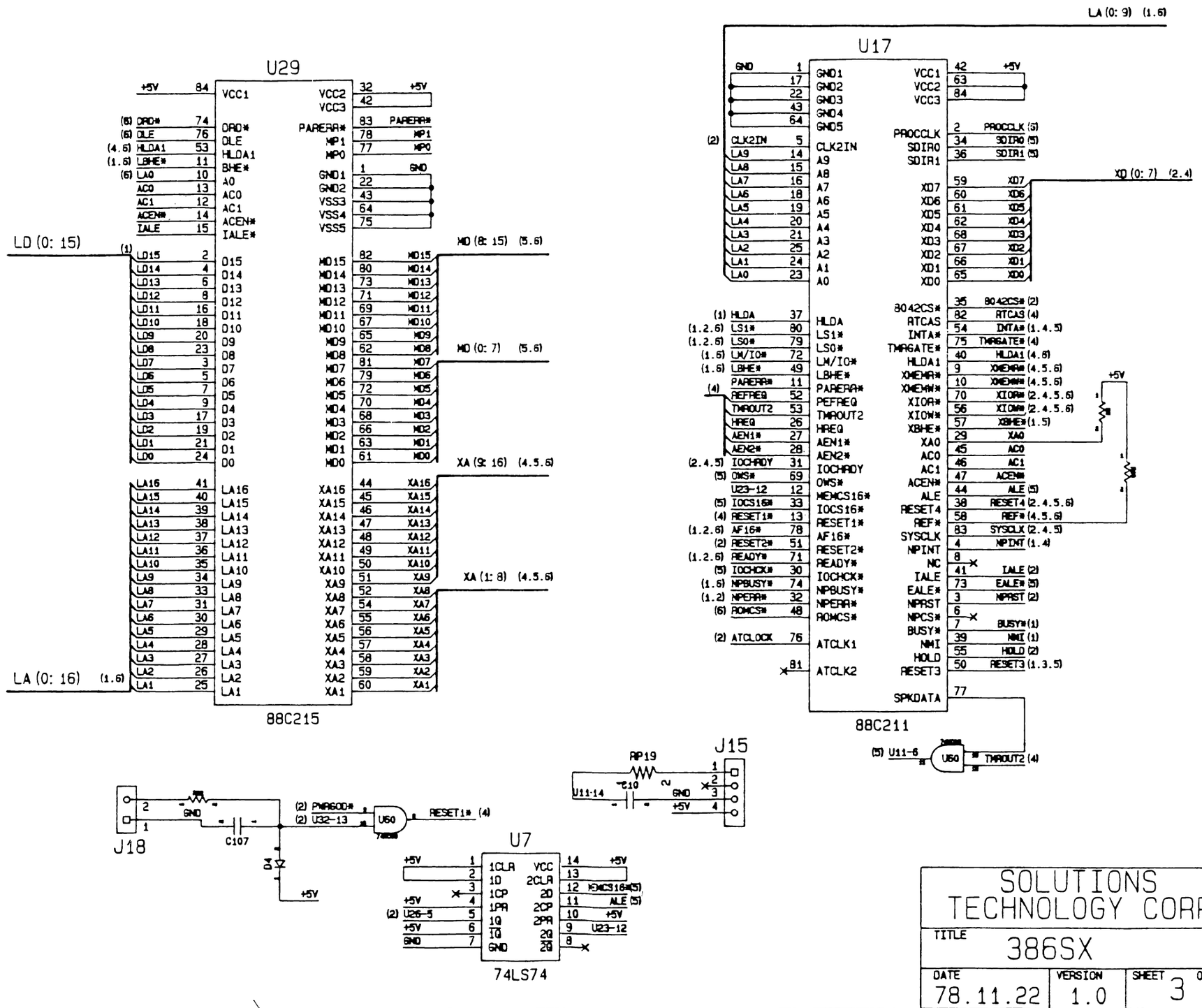
A	B
1	2 3
*	* *
*	* *
*	* *
*	* *
*	* *
*	* *

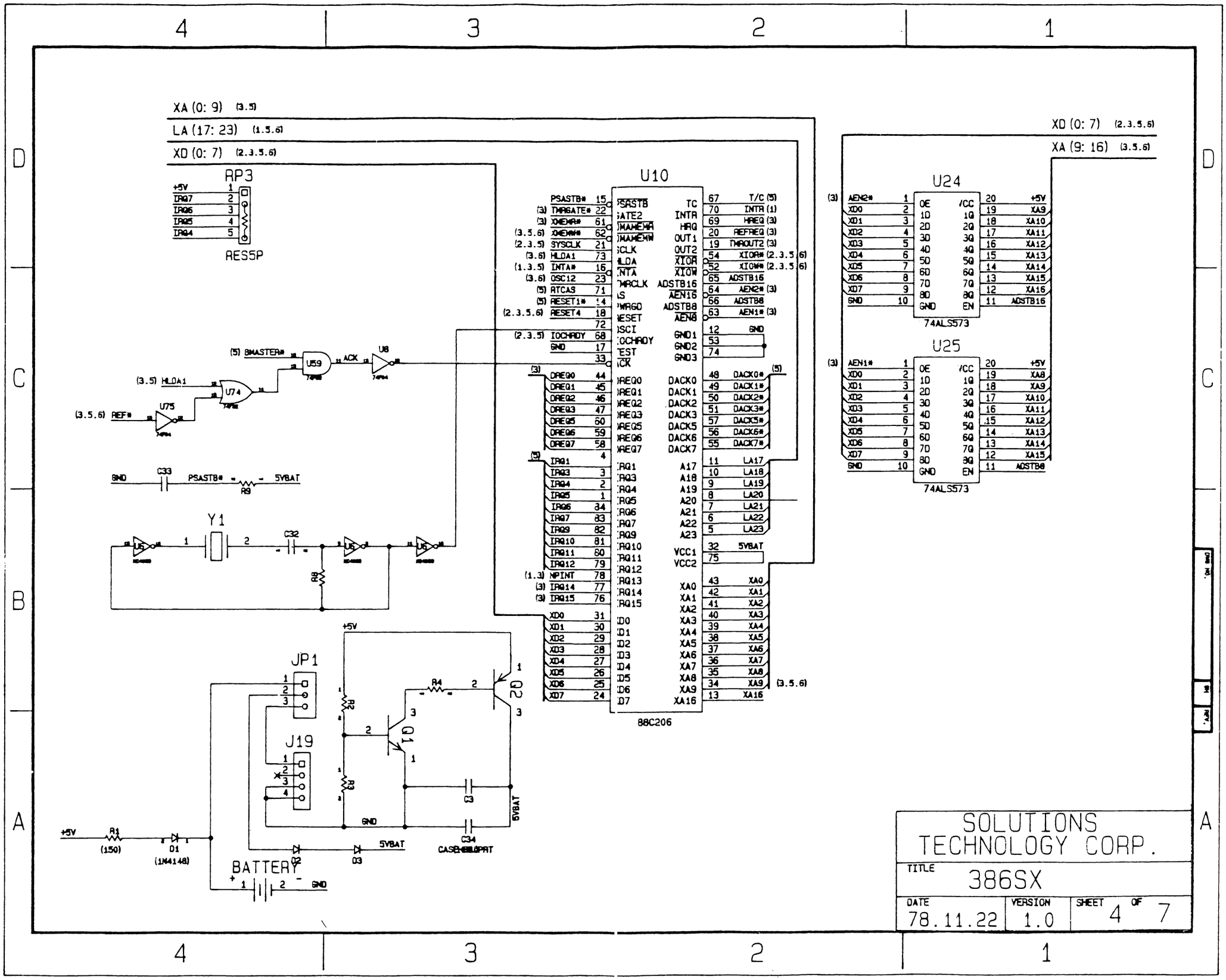
SELECT B JUMPERS

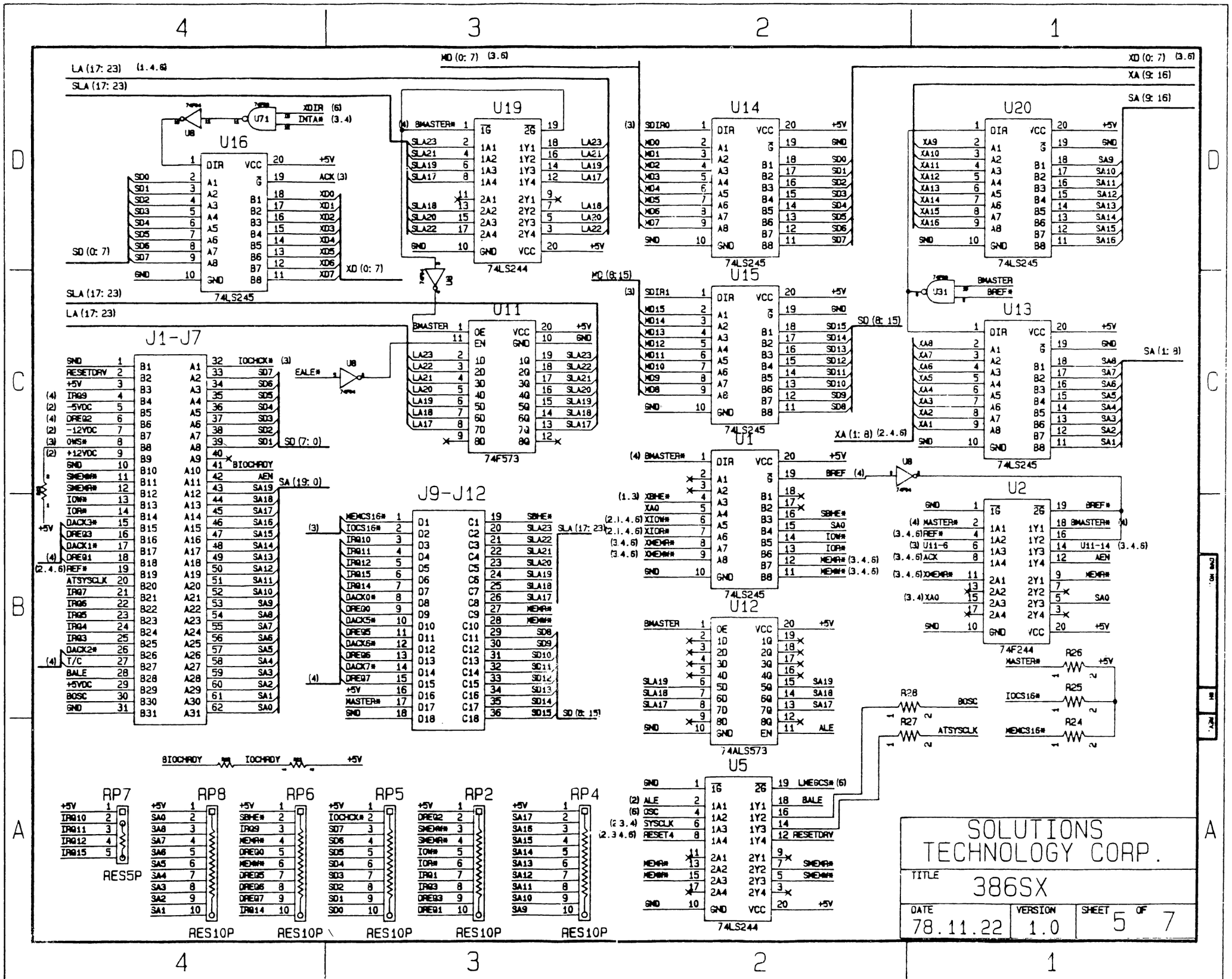
USE DIP RAM ON BANK 0/1, AS LO-BANK.
OR RAMMODULE ON BANK 0/1, AS LO-BANK. only

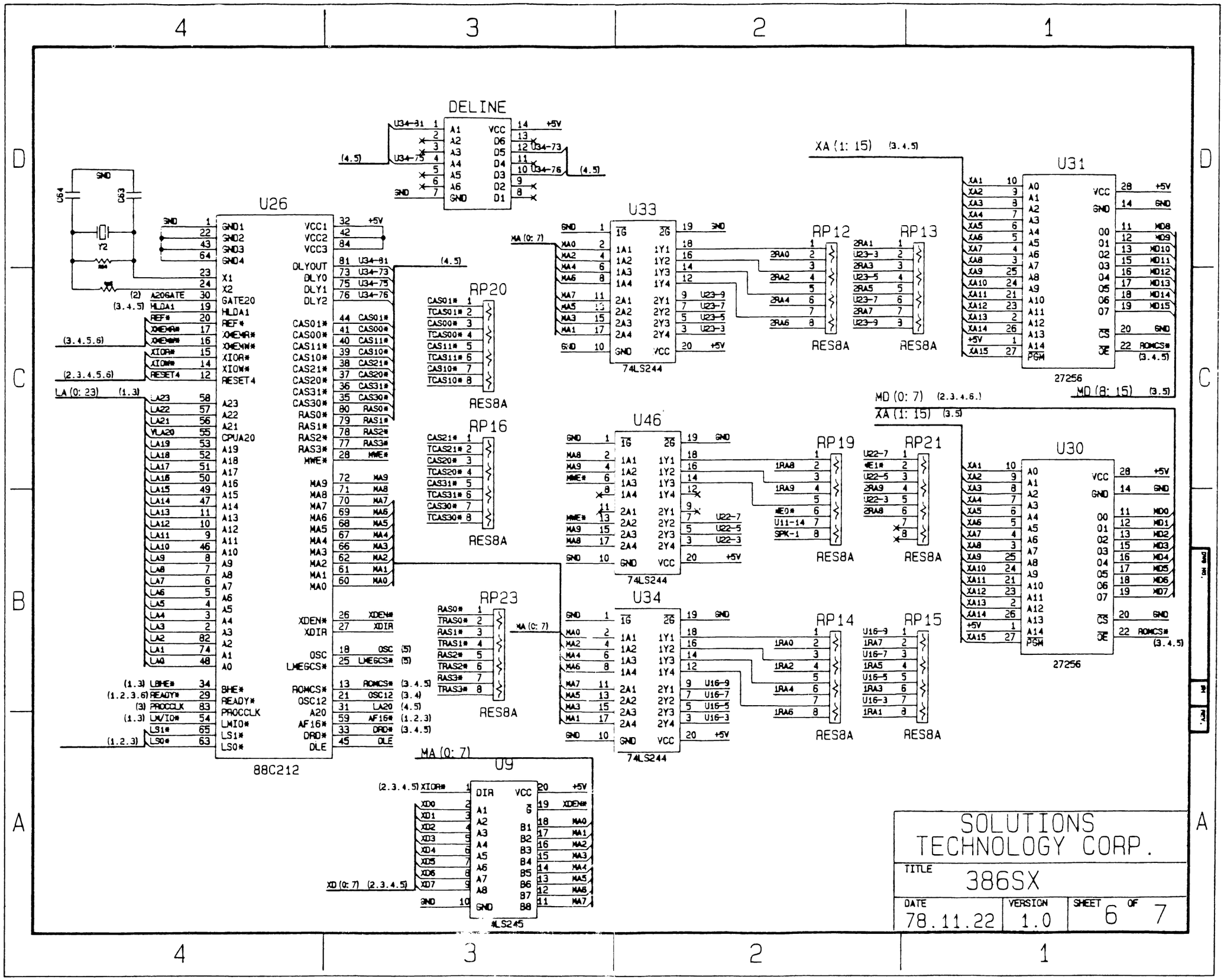

LD (0: 15) (3)
LA (0: 23) (3.4.5.6)
U28
80386SX
U23
U22
U21
U18
74F573
U27
80387SX
U45
16R8
R13
(2) 386ERROR
+5V
387PEREQ
(2) N9SELECT
U60
U74
386PEREQ
386BUSY#
NPBUSY#
(2.3) RESET3
NPERR# (2.3)
BUSY# (3)
U56
U71
NPINT
(3.4)
U51
N9SELECT
(2) N9SELECT
RP9
RP18
RES10P
RP11
RP10
RES9P
SOLUTIONS
TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET
1 OF 7

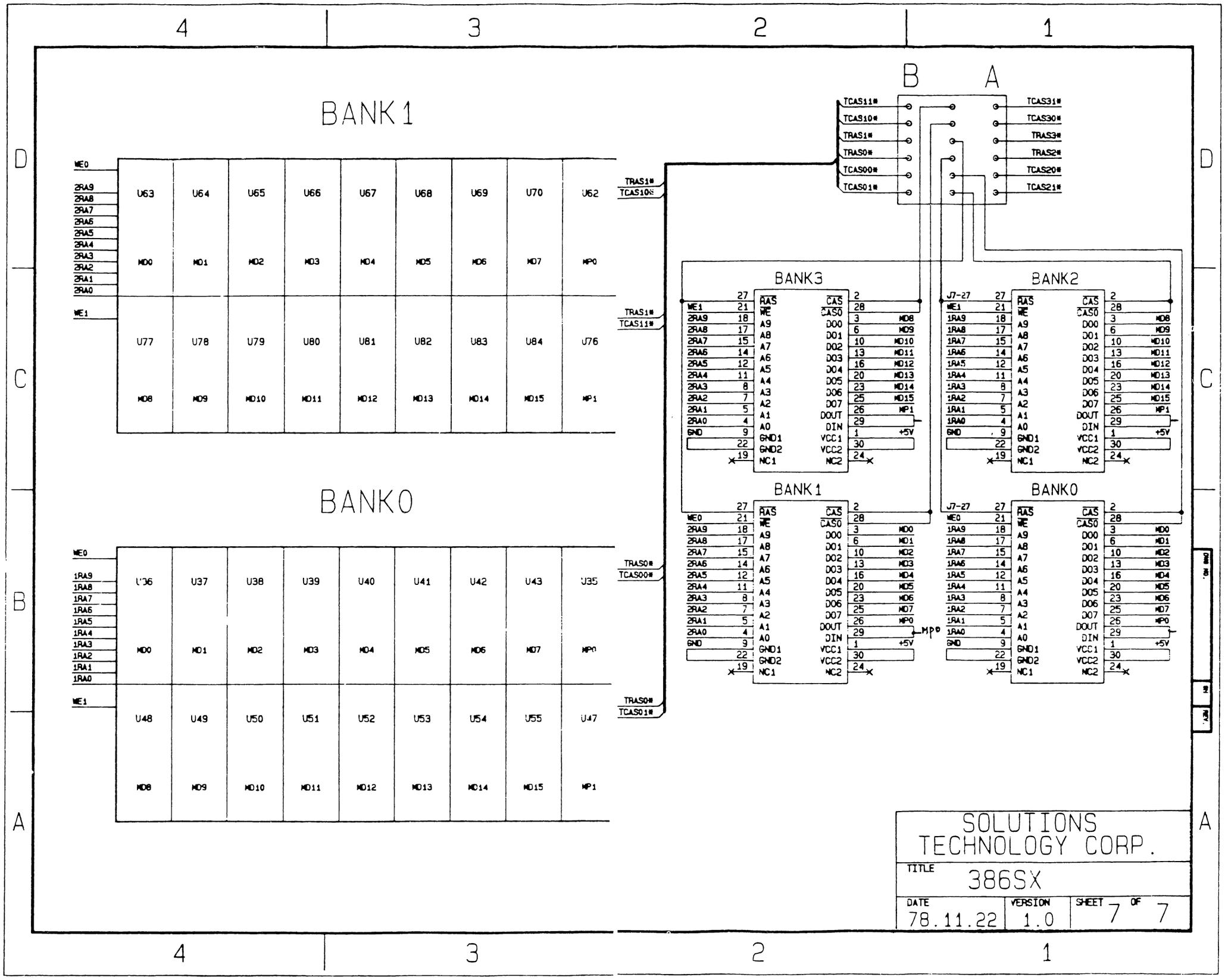

PS9
PS8
PIN6
U3
8042
U72
74F74
U73
74F74
KEYLOCK
KEYBRD
U57
74F74
U44
16R8
RP17
RES9P
PAL
16R8
TURBO-SW
RP22
RES8A
SOLUTIONS TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET
2
OF
7


U29
88C215
LD (0: 15)
MD (8: 15) (5.6)
MD (0: 7) (5.6)
XA (9: 16) (4.5.6)
XA (1: 8) (4.5.6)
LA (0: 16) (1.6)
U17
88C211
LA (0: 9) (1.6)
XD (0: 7) (2.4)
J18
C107
J15
RP19
C10
U7
74LS74
SOLUTIONS TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET 3 OF 7


XA (0: 9) (3.5)
LA (17: 23) (1.5.6)
XD (0: 7) (2.3.5.6)
RP3
RES5P
U10
88C206
U24
74ALS573
U25
74ALS573
XD (0: 7) (2.3.5.6)
XA (9: 16) (3.5.6)
U59
U74
U75
U8
Y1
C33
C32
R9
R8
JP1
J19
Q1
Q2
R1
R2
R3
R4
D1
(1N4148)
D2
D3
C3
C34
BATTERY
5VBAT
GND
SOLUTIONS
TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET
4
OF
7


LA (17: 23) (1.4.6)
SLA (17: 23)
MD (0: 7) (3.6)
XD (0: 7) (3.6)
XA (9: 16)
SA (9: 16)
U16
74LS245
U19
74LS244
U14
74LS245
U20
74LS245
U15
74LS245
U31
BMASTER
BREF#
U13
74LS245
U11
74F573
J1-J7
J9-J12
U1
74LS245
U2
74F244
U12
74ALS573
U5
74LS244
XA (1: 8) (2.4.6)
SA (1: 8)
SD (8: 15)
SD (0: 7)
SA (19: 0)
SLA (17: 23)
BIOCHRDY
IOCHRDY
+5V
RP7
RP8
RP6
RP5
RP2
RP4
RES5P
RES10P
SOLUTIONS TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET
5
OF
7


DELINE
U26
88C212
U33
74LS244
U31
27256
U46
74LS244
U34
74LS244
U30
27256
U9
74LS245
RP20
RES8A
RP16
RES8A
RP23
RES8A
RP12
RES8A
RP13
RES8A
RP19
RES8A
RP21
RES8A
RP14
RES8A
RP15
RES8A
XA (1: 15) (3.4.5)
MD (0: 7) (2.3.4.6.)
MD (8: 15) (3.5)
XA (1: 15) (3.5)
MA (0: 7)
LA (0: 23) (1.3)
XD (0: 7) (2.3.4.5)
SOLUTIONS
TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET
6 OF 7


BANK1
WE0
2RA9
2RA8
2RA7
2RA6
2RA5
2RA4
2RA3
2RA2
2RA1
2RA0
U63 U64 U65 U66 U67 U68 U69 U70 U62
MD0 MD1 MD2 MD3 MD4 MD5 MD6 MD7 MP0
WE1
U77 U78 U79 U80 U81 U82 U83 U84 U76
MD8 MD9 MD10 MD11 MD12 MD13 MD14 MD15 MP1
TRAS1#
TCAS10#
TRAS1#
TCAS11#
BANK0
WE0
1RA9
1RA8
1RA7
1RA6
1RA5
1RA4
1RA3
1RA2
1RA1
1RA0
U36 U37 U38 U39 U40 U41 U42 U43 U35
MD0 MD1 MD2 MD3 MD4 MD5 MD6 MD7 MP0
WE1
U48 U49 U50 U51 U52 U53 U54 U55 U47
MD8 MD9 MD10 MD11 MD12 MD13 MD14 MD15 MP1
TRAS0#
TCAS00#
TRAS0#
TCAS01#
B A
TCAS11#
TCAS10#
TRAS1#
TRAS0#
TCAS00#
TCAS01#
TCAS31#
TCAS30#
TRAS3#
TRAS2#
TCAS20#
TCAS21#
BANK3
BANK2
BANK1
BANK0
RAS
CAS
WE
A9
A8
A7
A6
A5
A4
A3
A2
A1
A0
GND1
GND2
NC1
VCC1
VCC2
NC2
DOUT
DIN
+5V
MP0
SOLUTIONS
TECHNOLOGY CORP.
TITLE
386SX
DATE
78.11.22
VERSION
1.0
SHEET 7 OF 7