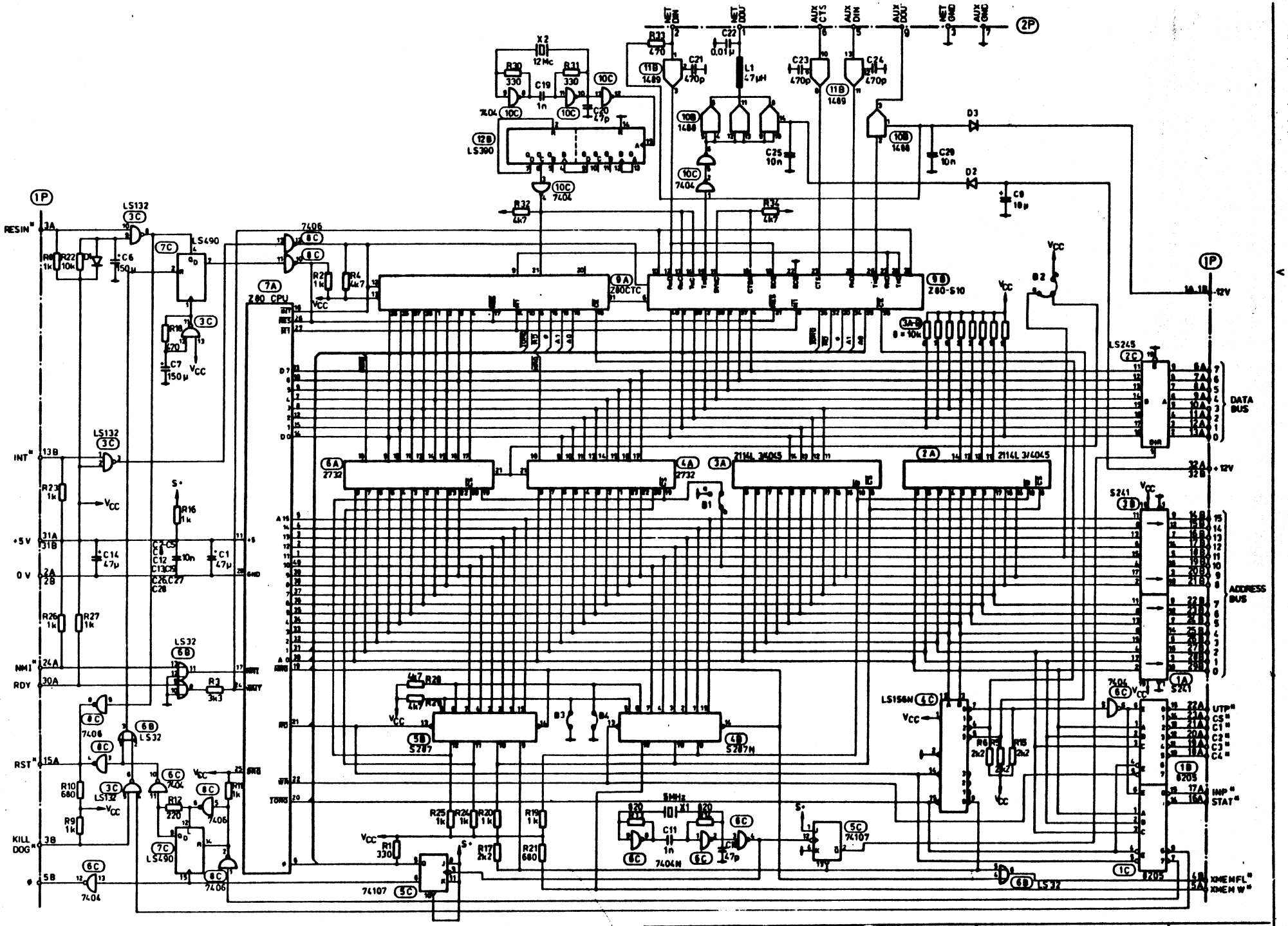
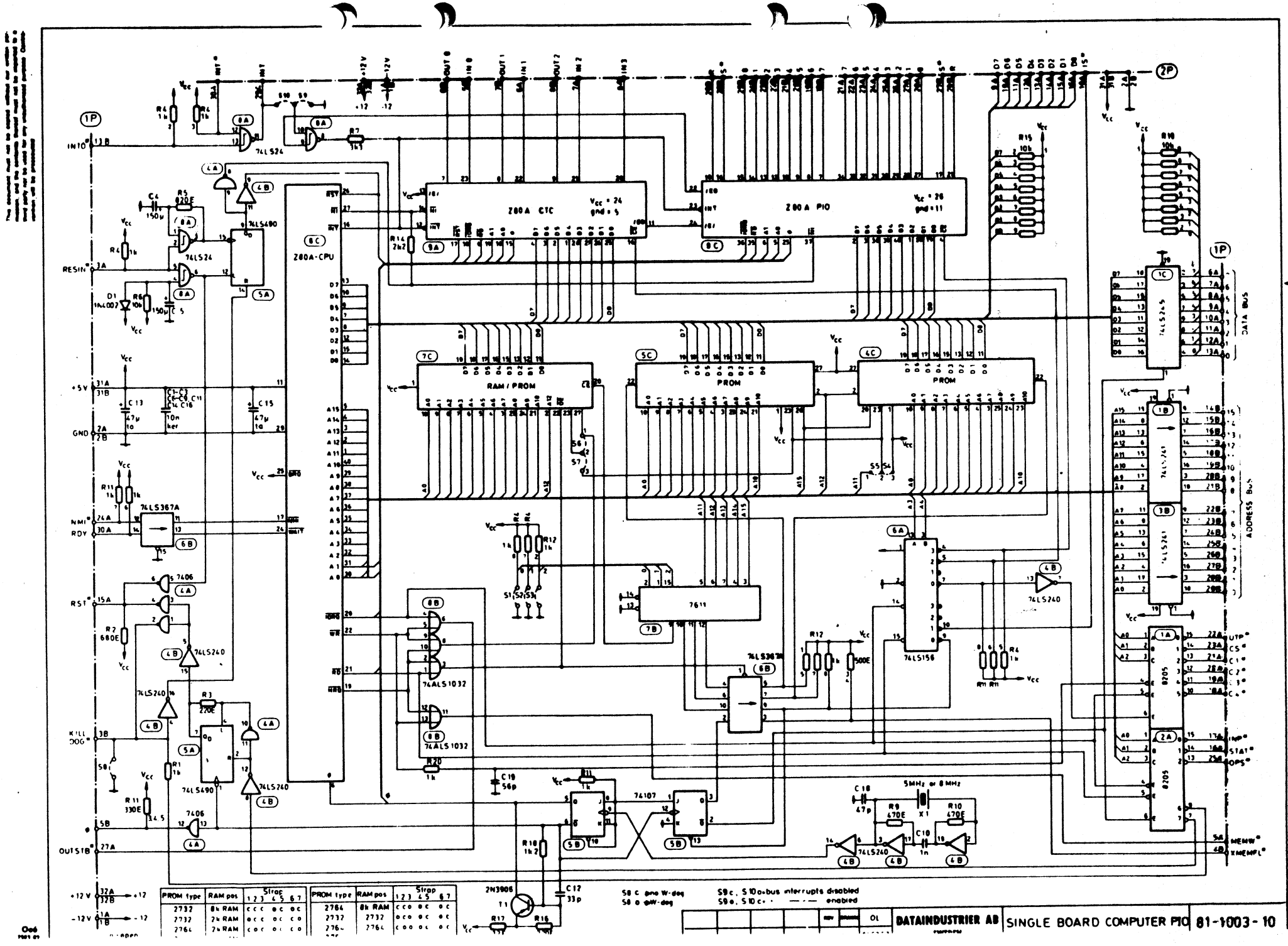
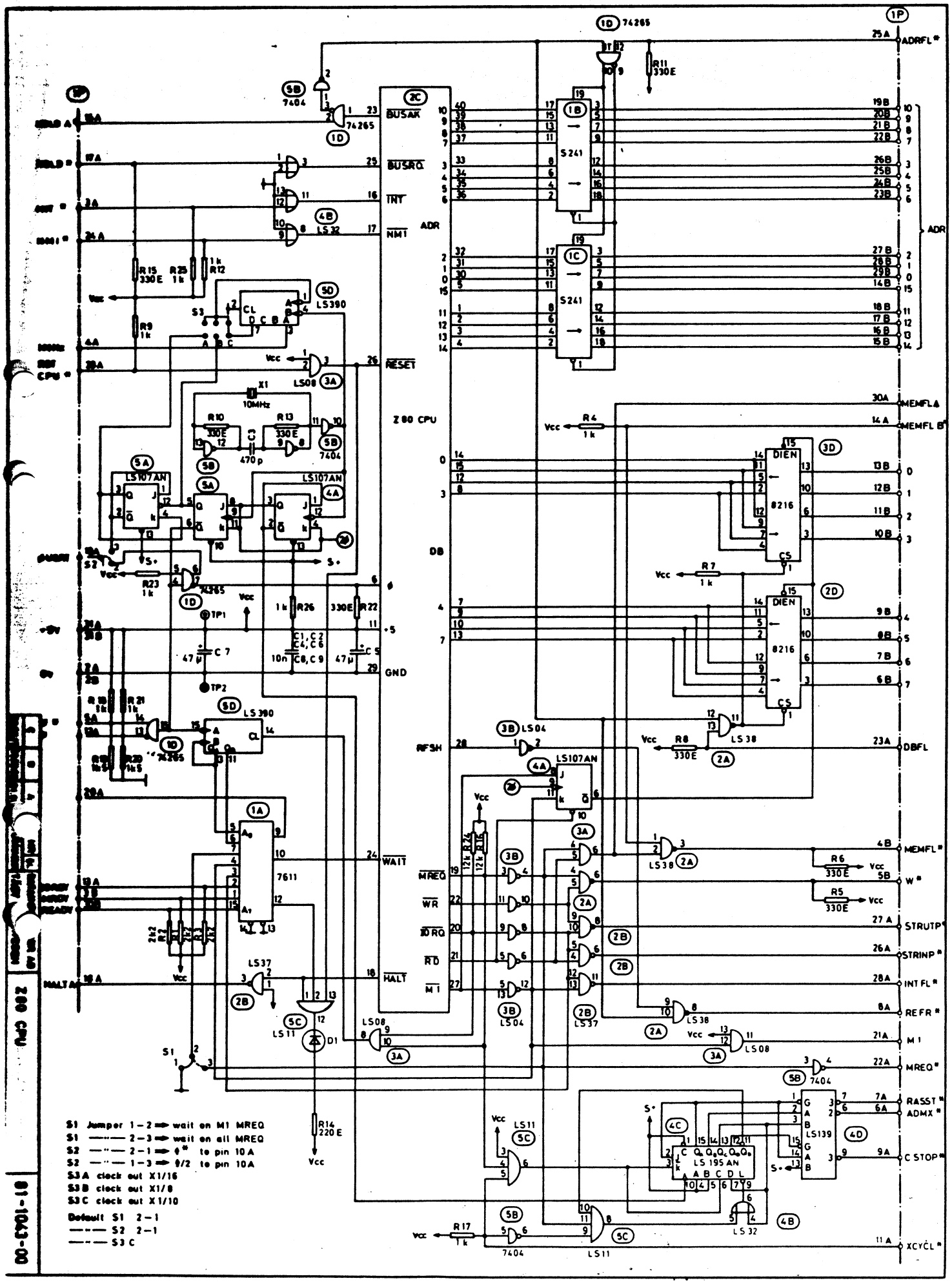
Z80A-CPU
Z80A CTC
RAM/PROM
PROM
TMS 9914A
7516
75160
74LS240
74LS241
74LS245
74LS244
74LS138
74LS139
74LS156
74LS74
74LS24
74LS00
74LS08
74LS32
74LS04
74LS90
74LS273
74LS373
74LS107
74LS123
8205
ADDRESS BUS
DATA BUS
OUT 0
IN 0
OUT 1
IN 1
OUT 2
IN 2
IN 3
TRIG
REN
IFC
NDAC
NRFD
DAV
EOI
ATN
SRQ
DIO8
DIO7
DIO6
DIO5
DIO4
DIO3
DIO2
DIO1
INT
D7
D6
D5
D4
D3
D2
D1
D0
IS *

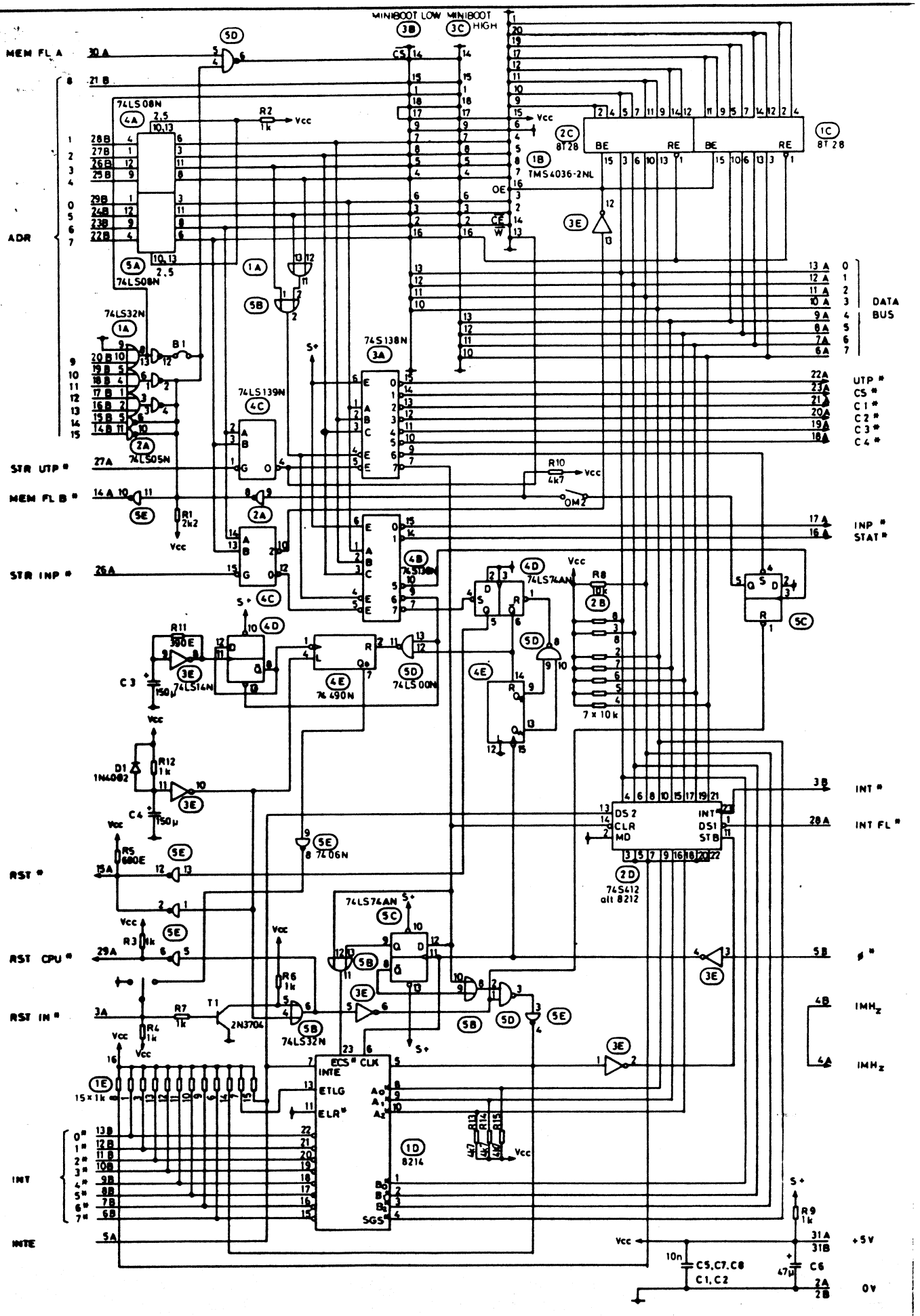

Z80 CPU
Z80CTC
Z80-S10
2732
2114L 3/4045
S287
S287M
LS245
LS156N
LS32
LS132
LS490
7406
7404
74107
LS390
74LS04
DATA BUS
ADDRESS BUS
RESIN"
INT"
+5V
0 V
NMI"
RDY
RST"
KILL DOG"
Φ
UTP"
CS"
C1"
C2"
C3"
C4"
INP"
STAT"
XMEMFL"
XMEMW"
+12V
-12V
VCC
12 Mc
8MHz
TAINDUSTRIER AB
SWEDEN
ABC NETWORK CPU
81-1002-00
81 10 12
MK
81 02 12


Z80A CTC
Z80A PIO
Z80A-CPU
RAM / PROM
PROM
PROM
74LS367A
74LS240
74LS156
74LS1032
74LS1032
74LS490
74LS490
74LS524
74LS524
74LS240
74LS240
74LS240
74LS240
74LS240
74LS245
74LS245
74LS245
8205
8205
74107
7611
7406
7406
2N3906
5MHz or 8MHz
DATA BUS
ADDRESS Bus
DATAINDUSTRIER AB
SINGLE BOARD COMPUTER PIO
81-1003-10

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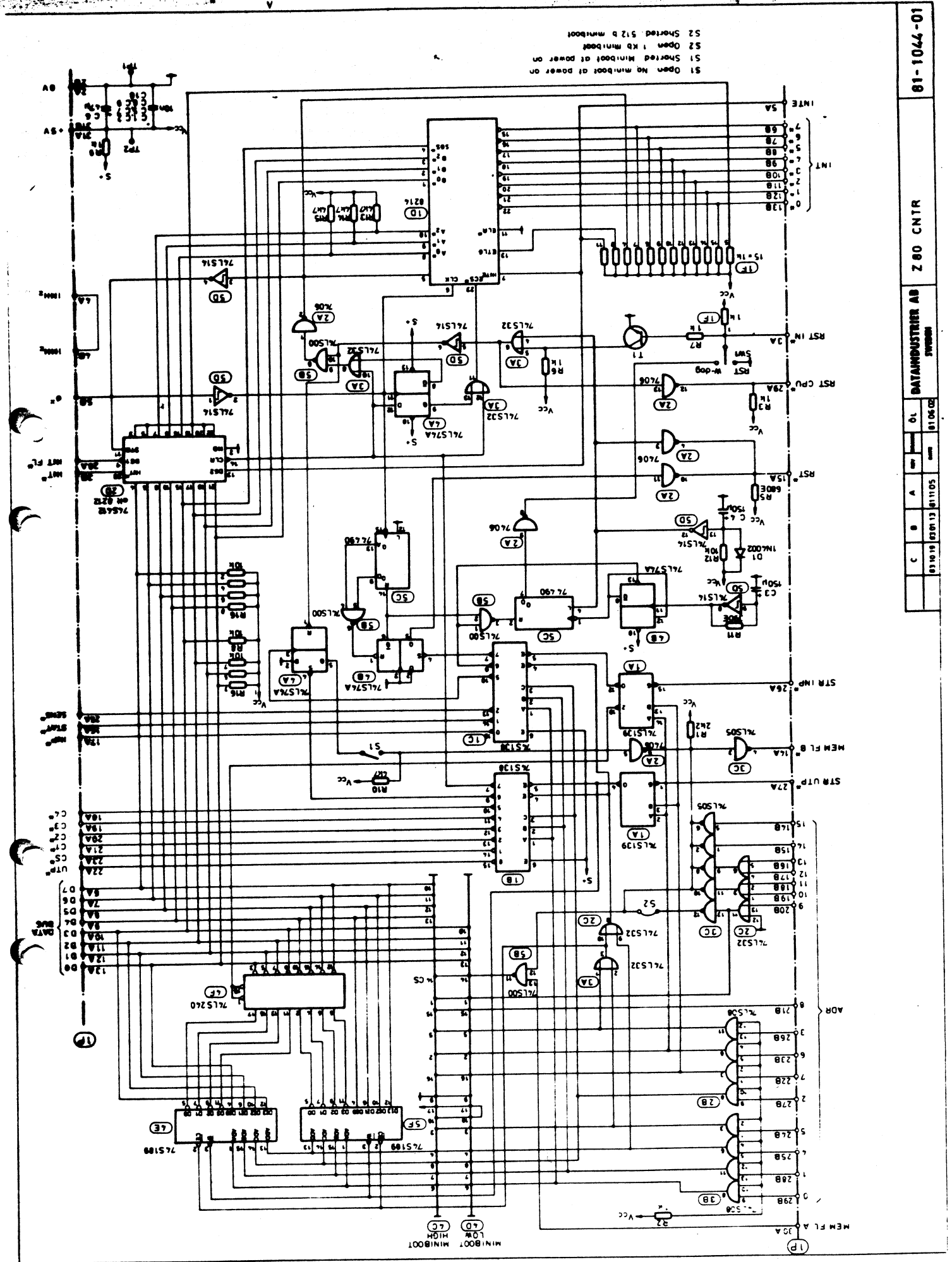

Z80 CPU
S1 Jumper 1-2 ⇒ wait on M1 MREQ
S1 ——— 2-3 ⇒ wait on all MREQ
S2 —·—· 2-1 ⇒ φ* to pin 10A
S2 —·—· 1-3 ⇒ φ/2 to pin 10A
S3A clock out X1/16
S3B clock out X1/8
S3C clock out X1/10
Default S1 2-1
——— S2 2-1
——— S3 C
Z80 CPU
81-1043-00

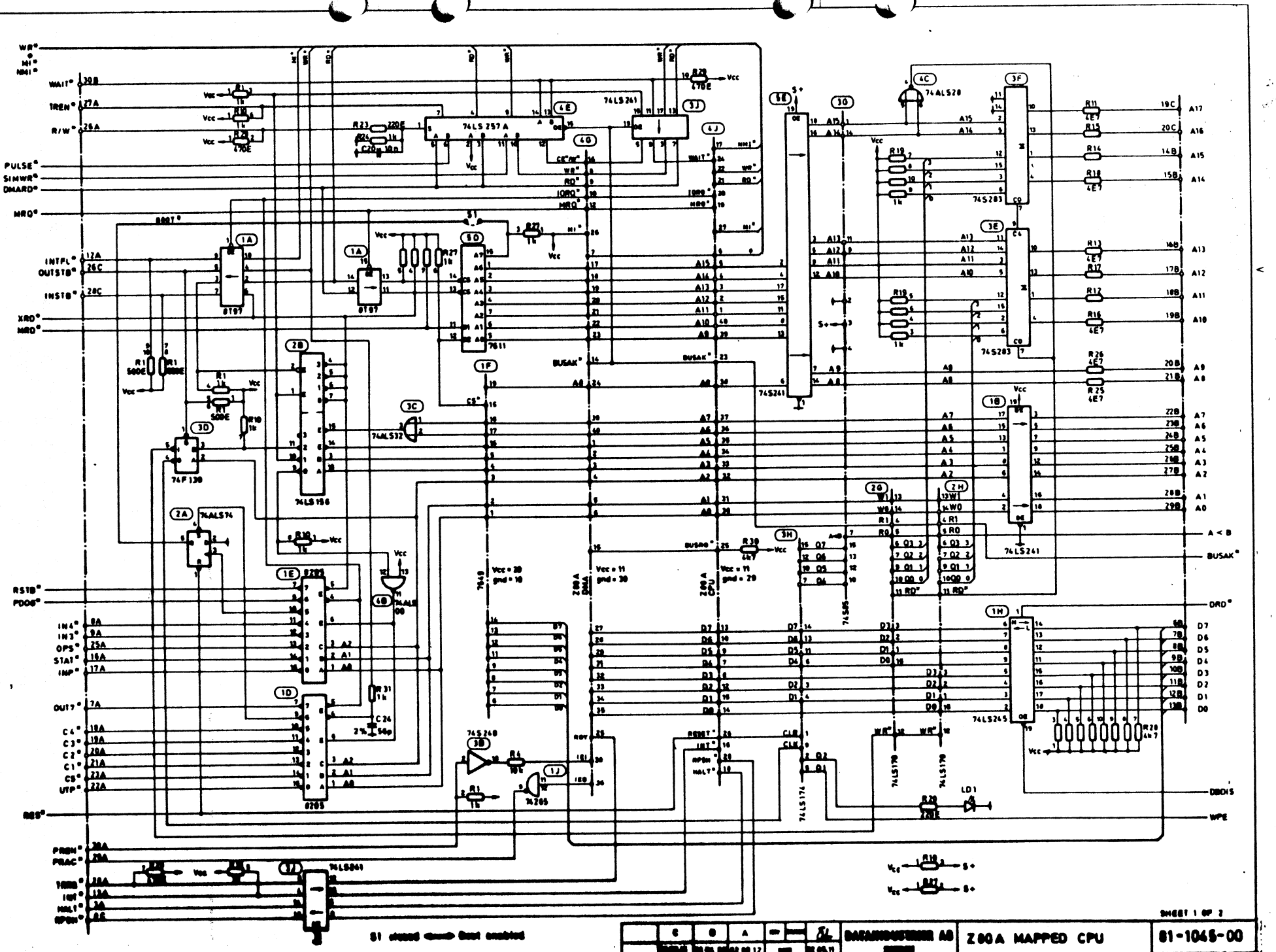
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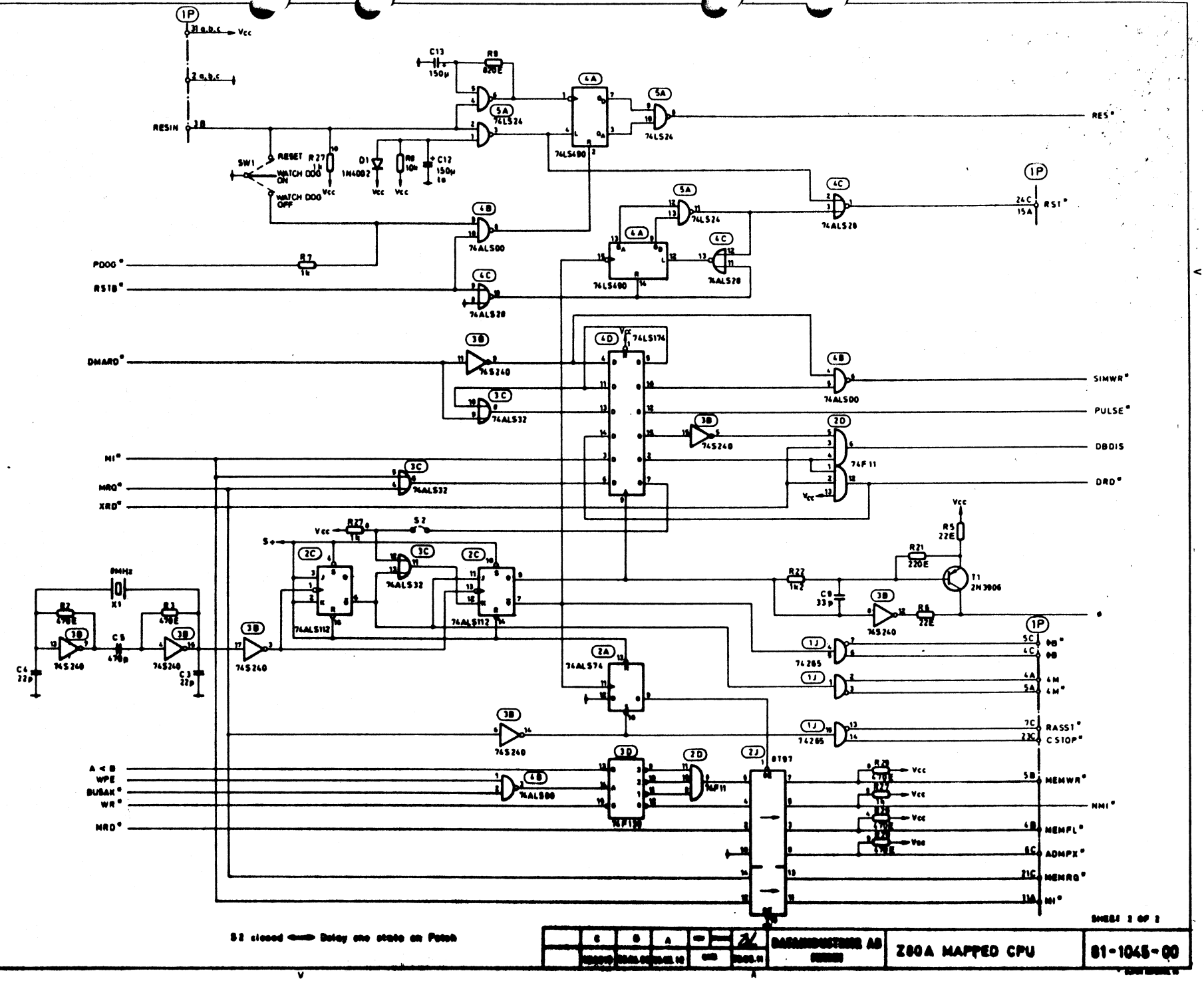


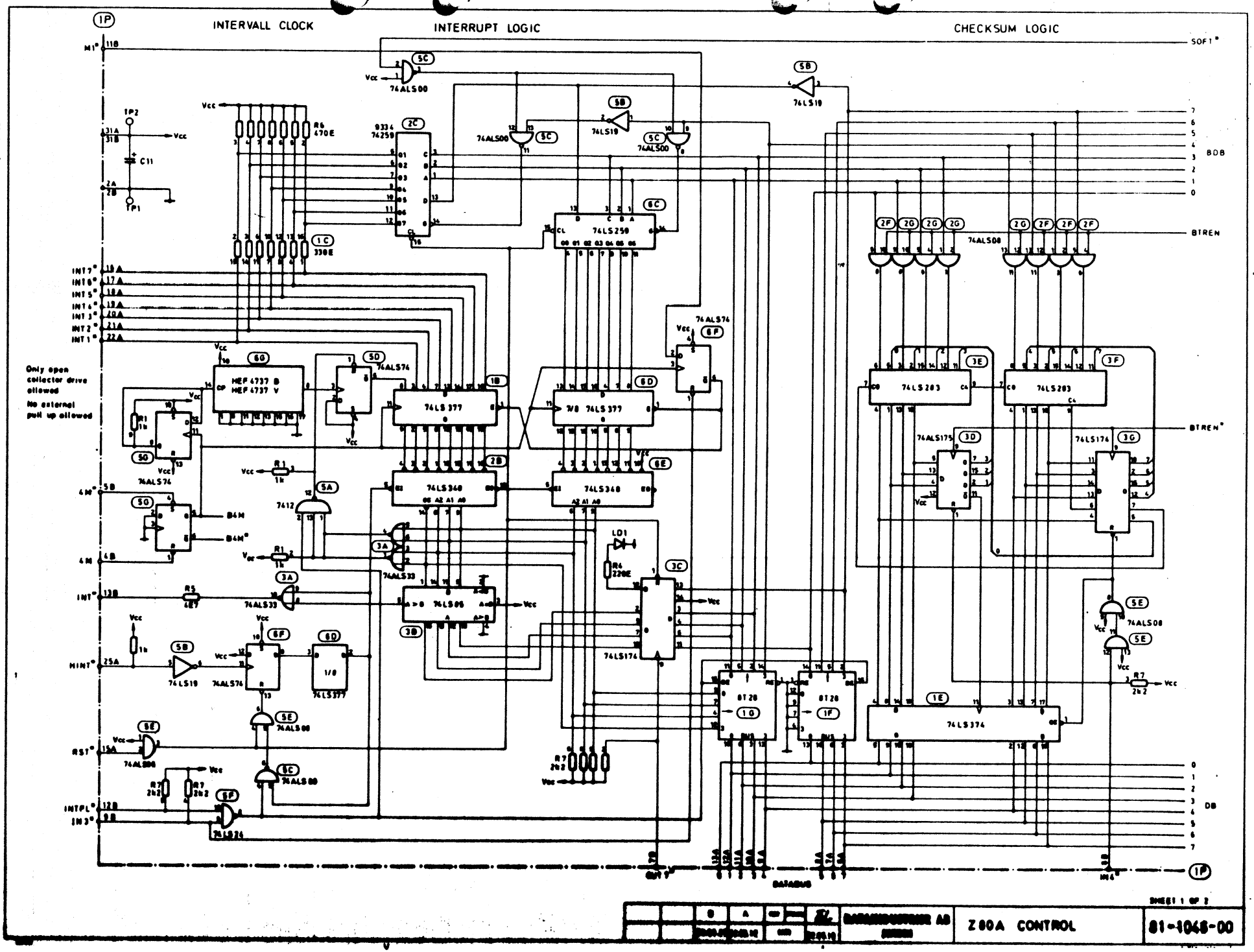
Z80 CNTR

81-1044-00

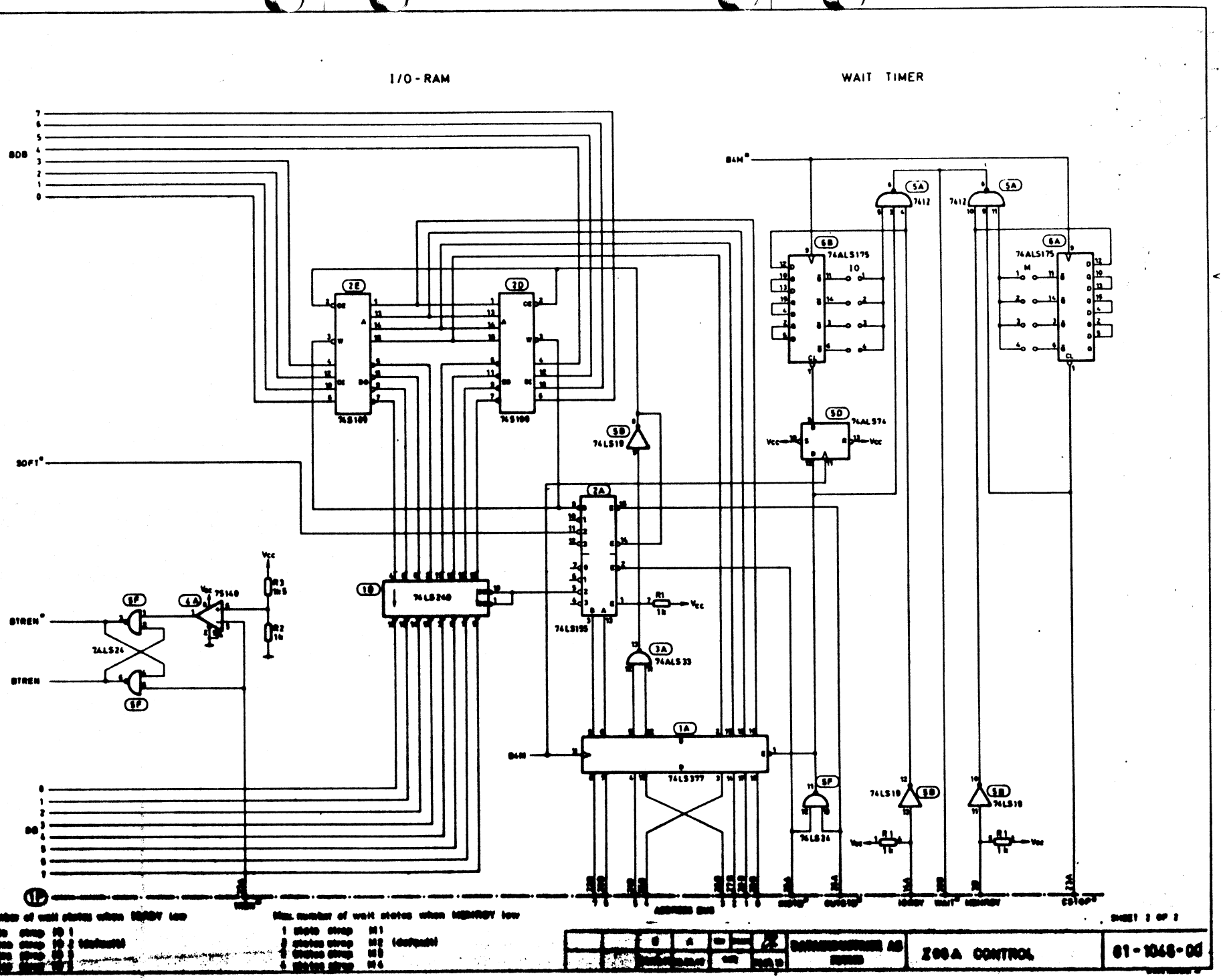

S1 Open No miniboot at power on
S1 Shorted Miniboot at power on
S2 Open 1 KB miniboot
S2 Shorted 512 b miniboot
81-1044-01
Z80 CNTR
BATAINDUSTRIER AB
SWEDEN
INTE
INT
RST IN
RST CPU
RST
STR INP
MEM FL B
STR UTP
MEM FL A
ADR
DATA BUS
MINIBOOT LOW
MINIBOOT HIGH
74LS14
74LS32
74LS74A
74LS00
74LS138
74LS139
74LS240
74LS189
74LS08
74LS05
74LS90
74LS42
74LS04
74LS06
74LS21
74LS10
74LS20
74LS30
74LS51
74LS86
74LS93
74LS107
74LS109
74LS112
74LS123
74LS125
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WR*
MI*
MRQ*
WAIT*
IREN*
R/W*
PULSE*
SIMWR*
DMARD*
MRQ*
INTPL*
OUTSTB*
INSTB*
XRD*
MRD*
RSTB*
PDOS*
IN4*
IN3*
OPS*
STAT*
INP*
OUT*
C4*
C3*
C2*
C1*
CS*
UTP*
RES*
PRSN*
PRAC*
IORQ*
IOT*
HALT*
RPSH*
74LS 257 A
74LS 261
74LS 241
74LS 283
74ALS 20
74LS 32
74F 139
74LS 156
74ALS 74
74ALS 00
74LS 245
74LS 174
74LS 175
74LS 170
74LS 241
74LS 240
74LS 265
74LS 641
8T97
7611
8265
7649
Z80A DMA
Z80A CPU
74S 85
A < B
BUSAK*
DRD*
DBDIS
WPE
LD1
SHEET 1 OF 2
Z80A MAPPED CPU
81-1046-00

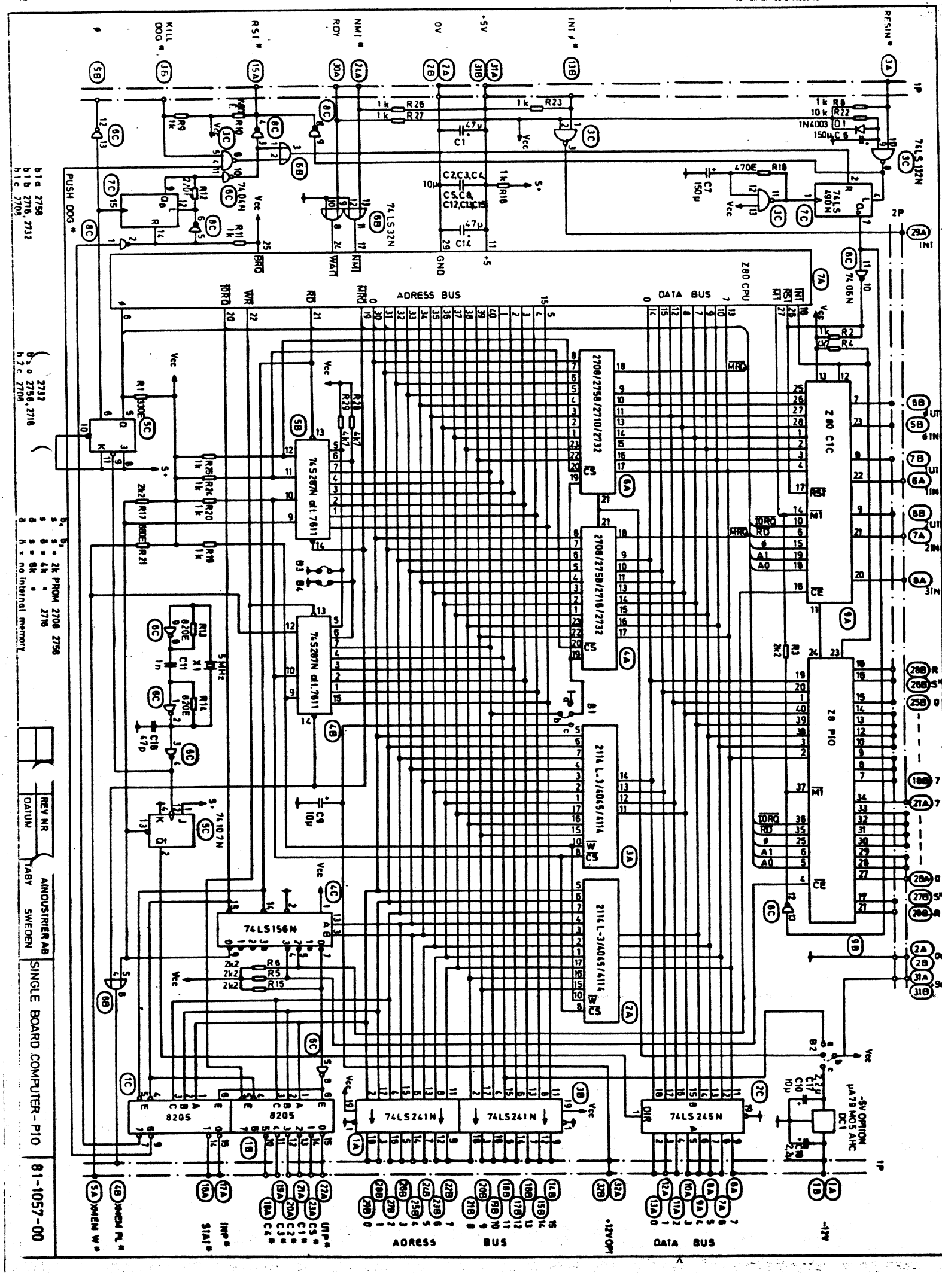

RESIN
SW1
RESET
WATCH DOG ON
WATCH DOG OFF
D1
1N4002
C13
150µ
R9
820E
C12
150µ
R8
10k
R27
1k
R7
1k
RES*
RST*
PDOG*
RS1B*
DMARD*
SIMWR*
PULSE*
DBDIS
DRD*
MI*
MRQ*
XRD*
S2
8MHz
X1
R2
470E
R3
470E
C5
470p
C4
22p
C3
22p
R5
22E
R21
220E
T1
2N3906
R22
1k2
C9
33p
R6
22E
A < B
WPE
BUSAK*
WR*
MRD*
MB*
4M*
RASS1*
CSIOP*
MEMWR*
NMI*
MEMFL*
ADMPX*
MEMRQ*
MI*
74LS174
74ALS00
74ALS32
74ALS20
74LS490
74LS24
74S240
74F11
74ALS112
74ALS74
74265
8T97
S2 closed ⟷ Delay one state on Fetch
SHEET 1 OF 2
Z80A MAPPED CPU
81-1045-00

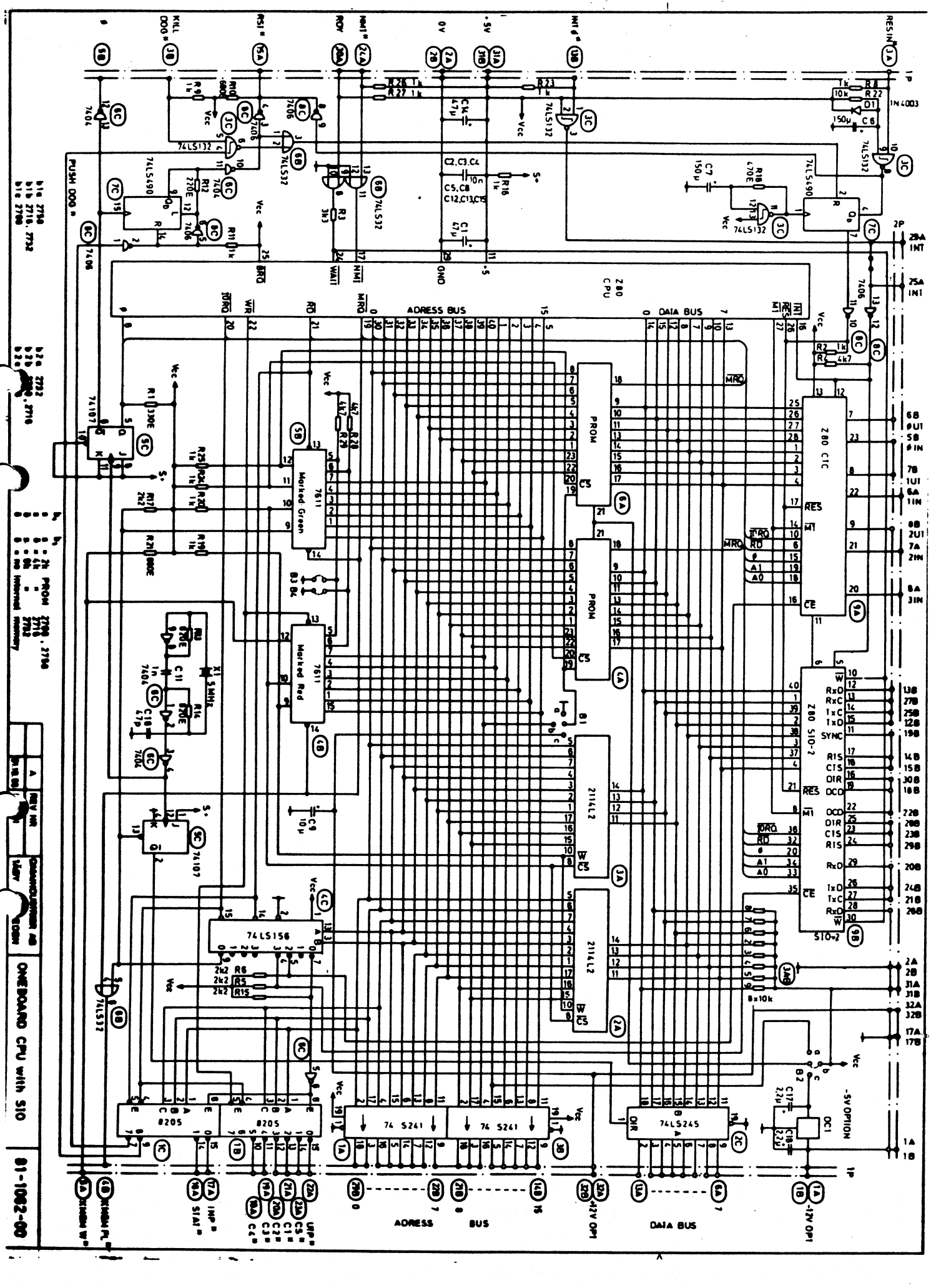

INTERVALL CLOCK
INTERRUPT LOGIC
CHECKSUM LOGIC
Only open collector drive allowed
No external pull up allowed
74ALS00
74LS19
74LS259
74ALS74
74LS377
74LS348
74LS283
74ALS175
74LS174
74ALS08
74LS374
74ALS33
74LS05
74LS24
74LS377
8T26
BDB
BTREN
BTREN*
DB
Z80A CONTROL
81-1046-00

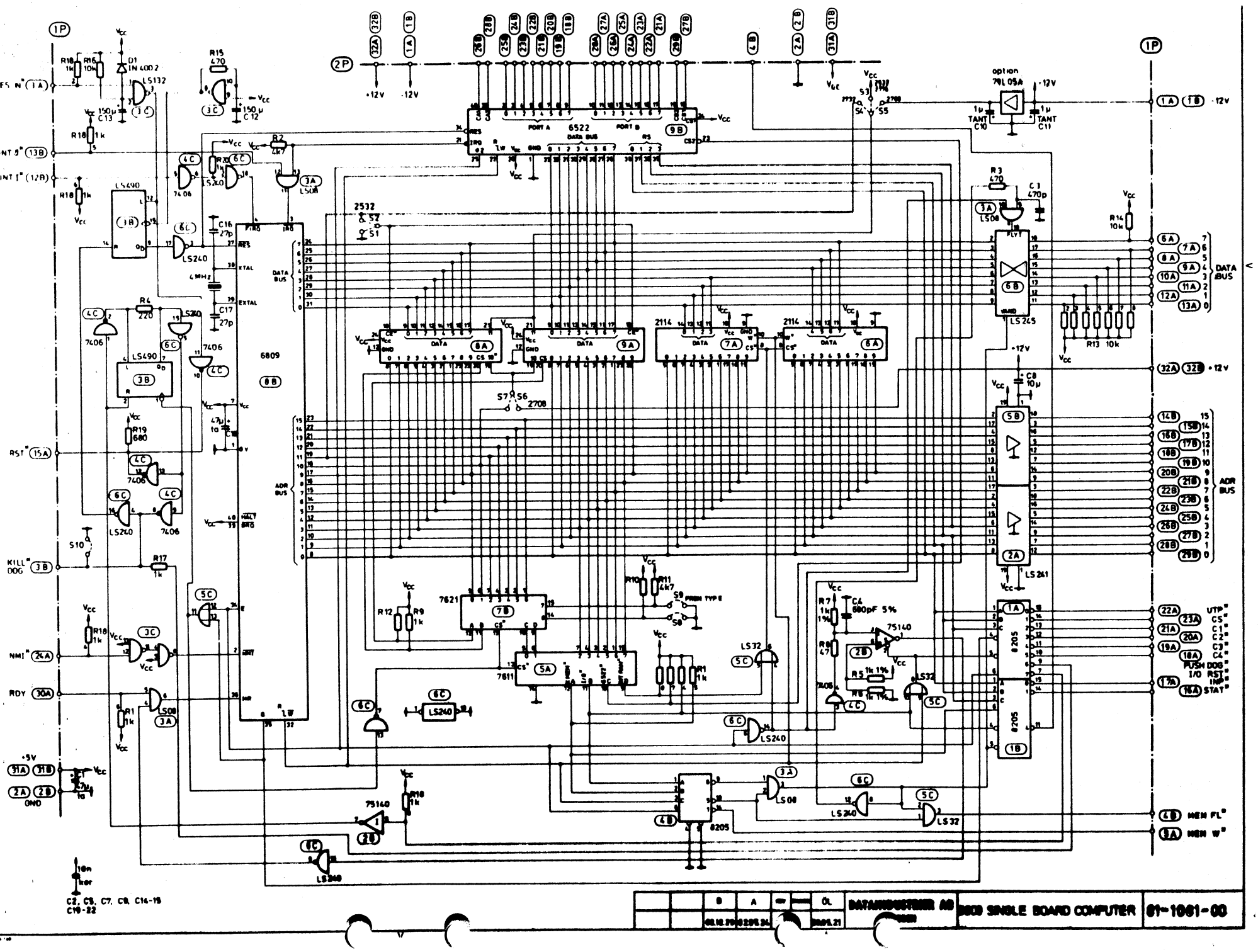
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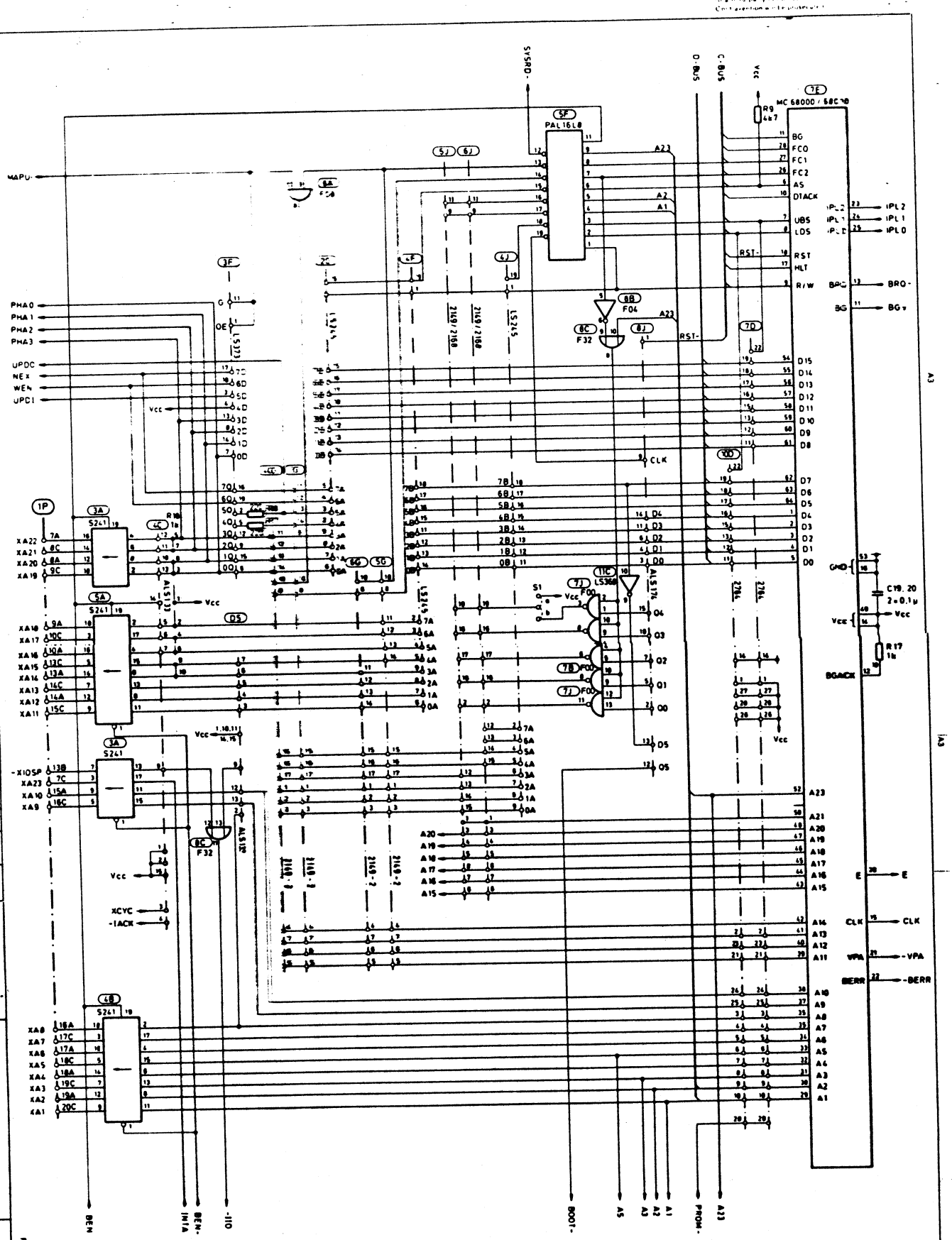


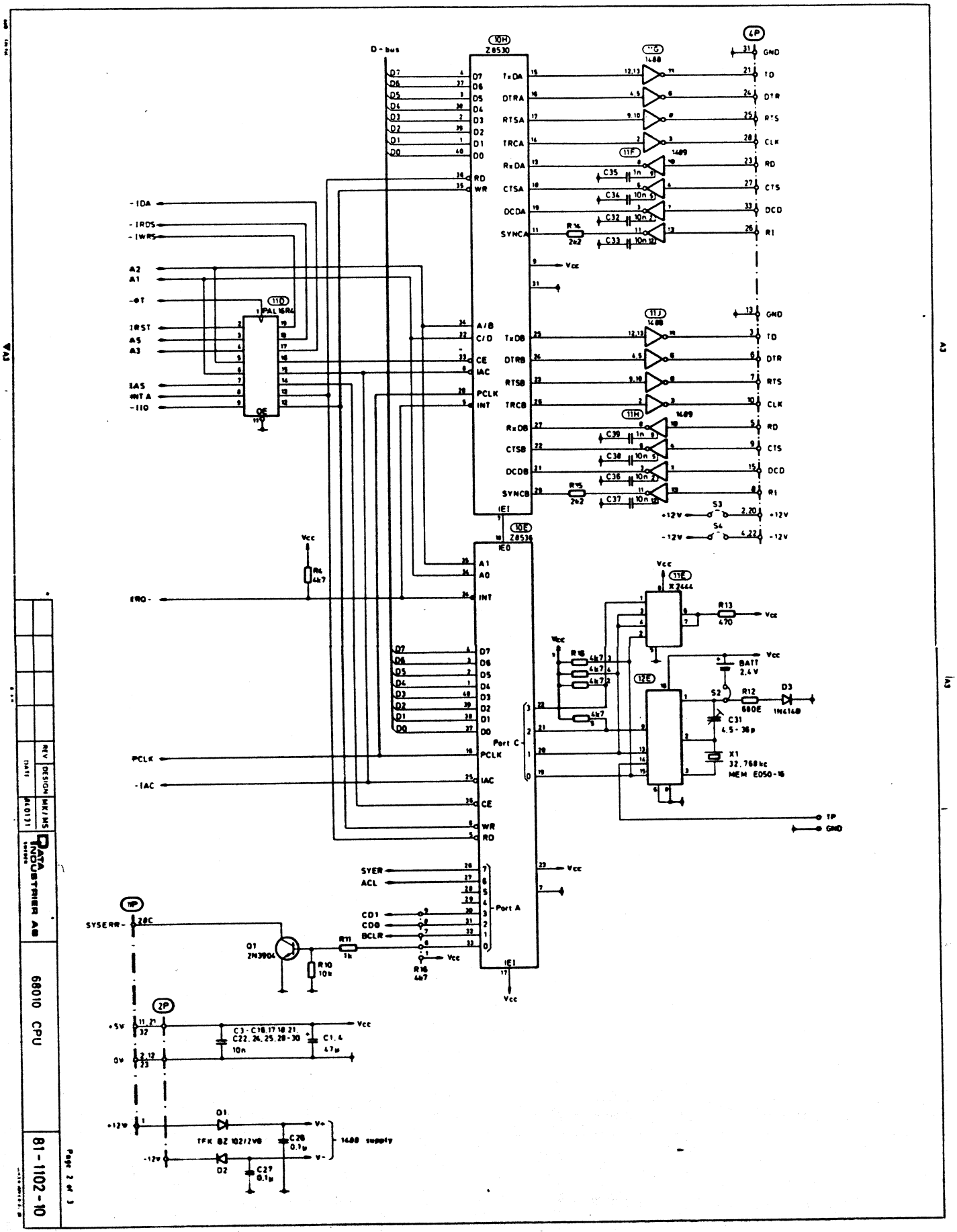
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ONEBOARD CPU with SIO
81-1062-00
ADRESS BUS
DATA BUS
Z80 CPU
Z80 CTC
Z80 SIO-2
PROM
74LS156
8205
74 S241
74LS245
2114L2
Marked Green
Marked Red
8x10k
-5V OPTION
+12V OPT
-12V OPT

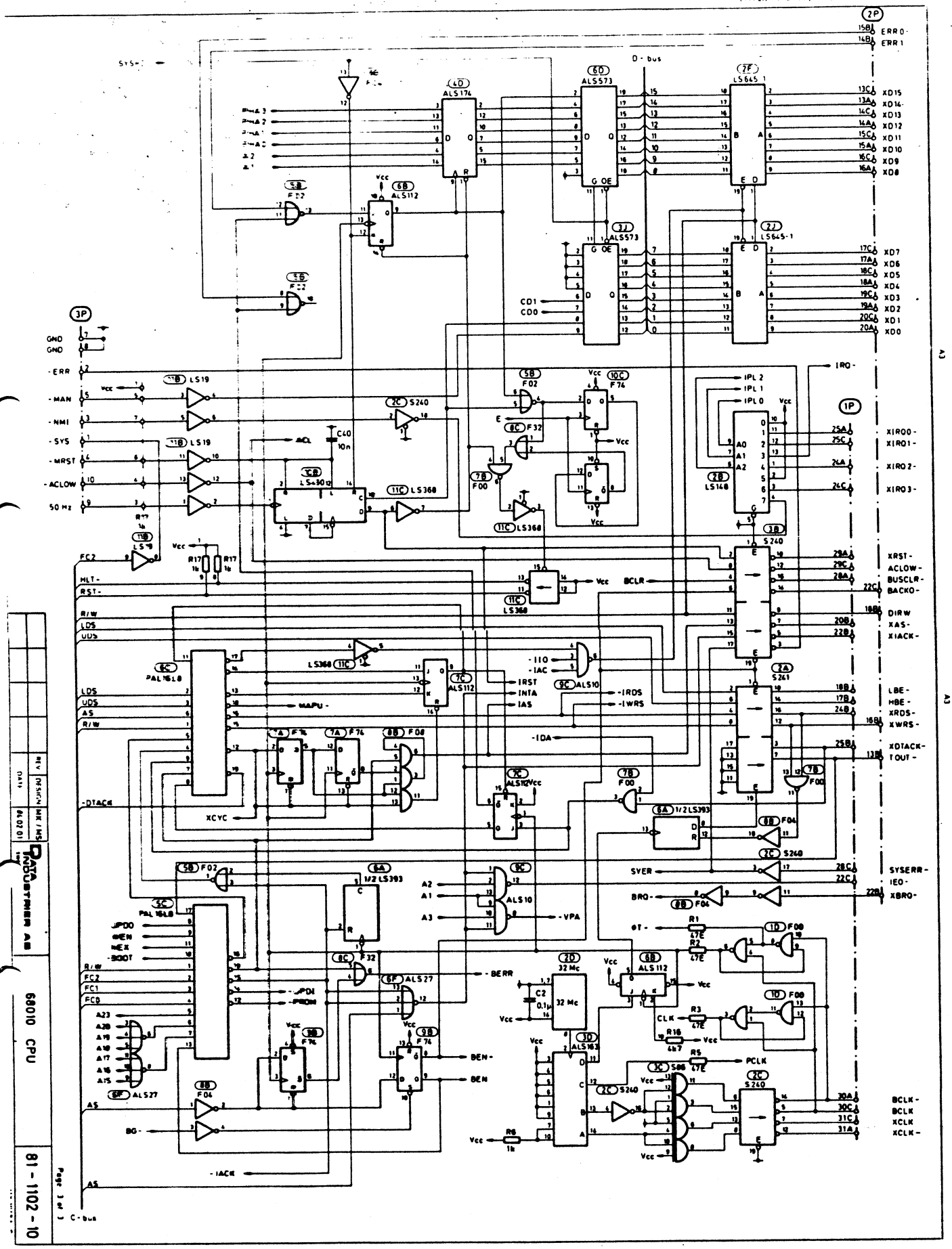

6809
6522
2532
2114
7621
7611
8205
75140
LS245
LS261
LS490
LS240
LS08
LS32
7406
4 MHz
DATA BUS
ADR BUS
RES IN"
INT 0"
INT 1"
RST"
KILL" DOG
NMI"
RDY
+5V
GND
option 79L05A
1µ TANT C10
1µ TANT C11
C16 27p
C17 27p
C8 10µ
C4 680pF 5%
R1 1k
R2 4k7
R3 470
R4 220
R5 1k 1%
R6 1k 1%
R7 1k 1%
R8 47
R9 1k
R10 4k7
R11 4k7
R12 1k
R13 10k
R14 10k
R15 470
R16 10k
R17 1k
R18 1k
R19 680
C2, C3, C7, C8, C14-15 C19-22
MEM FL"
MEM W"
UTP"
CS"
C1"
C2"
C3"
C4"
PUSH DOG"
I/O RST"
INP"
STAT"
DATABUSSYSTEM AB
8809 SINGLE BOARD COMPUTER
61-1061-00

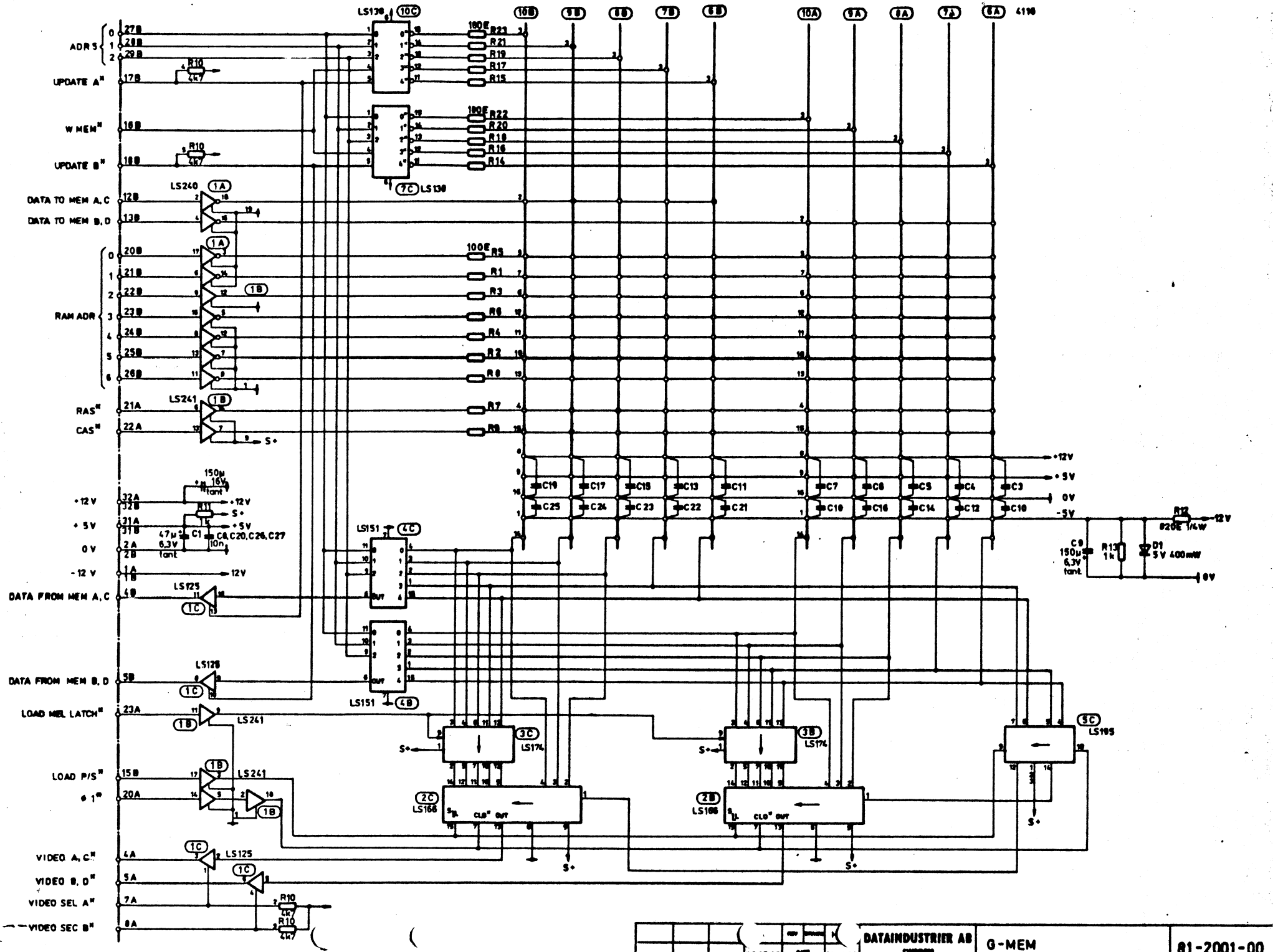

MC 68000 / 68C00
PAL16L8
MAPU-
PHA0
PHA1
PHA2
PHA3
UPDC
NEX
WEN
UPDI
XA22
XA21
XA20
XA19
XA18
XA17
XA16
XA15
XA14
XA13
XA12
XA11
XA10
XA9
XA8
XA7
XA6
XA5
XA4
XA3
XA2
XA1
-XIOSP
XA23
Vcc
XCYC
-IACK
-SYSRD
D-BUS
C-BUS
RST-
BR-
BG-
BGACK
GND
CLK
VPA
BERR
E
BEN
BEN-
INTA
-IIO
BOOT-
AS
PROM-
A23
A3
A2
A1
D15
D14
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
IPL2
IPL1
IPL0
BRQ-
BG-
-VPA
-BERR
C19, 20
2 x 0.1µ
R17
1k
R9
4k7
S241
S240
S244
S245
S373
S374
S368
ALS139
ALS32
F04
F32
F00
2169/2168
2149-2
2149-1
2764
68010 CPU
81 - 1102 - 10
DATA INDUSTRIER AB
Page 1 of 3

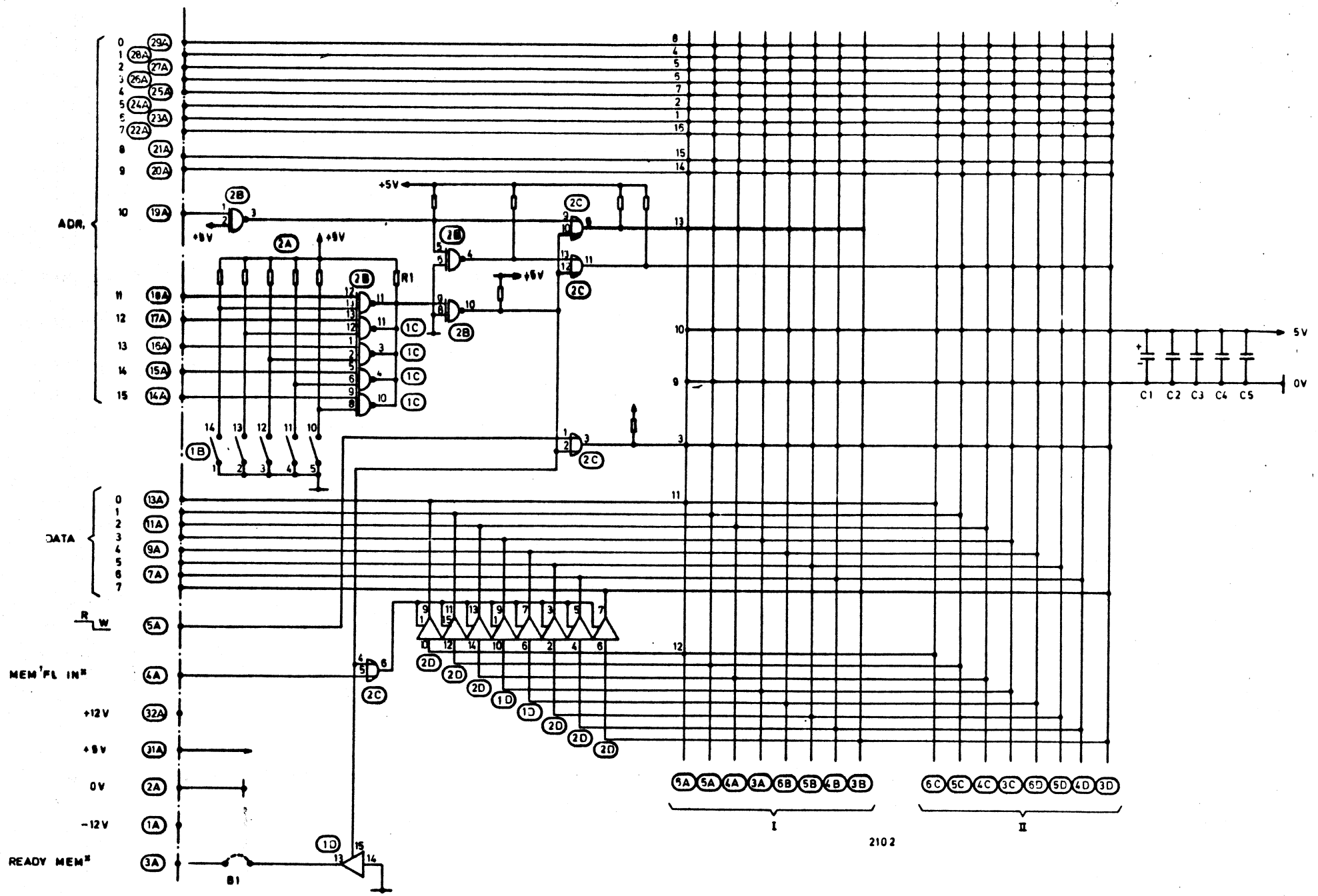


		REV	
11411		DESIGN	
80 01 31		MK / MS	
DATA INDUSTRIER AB			
68010 CPU			
81-1102-10			

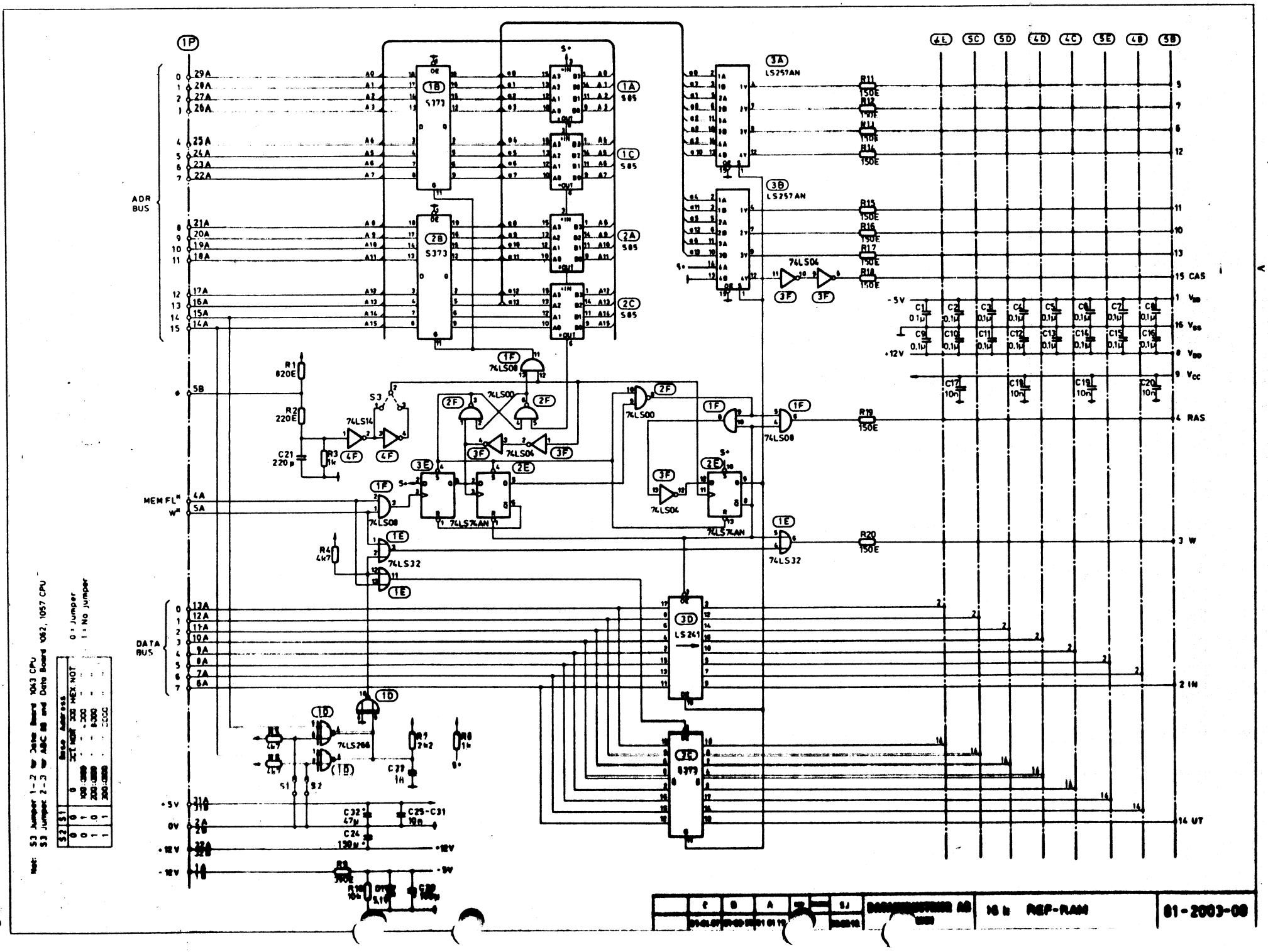
Page 2 of 3


D - bus
ERR 0
ERR 1
XD15
XD14
XD13
XD12
XD11
XD10
XD9
XD8
XD7
XD6
XD5
XD4
XD3
XD2
XD1
XD0
IRQ-
XIRQ0-
XIRQ1-
XIRQ2-
XIRQ3-
XRST-
ACLOW-
BUSCLR-
BACKO-
DIRW
XAS-
XIACK-
LBE-
HBE-
XRDS-
XWRS-
XDTACK-
TOUT-
SYSERR-
IEO-
XBRQ-
BCLK-
BCLK
XCLK
XCLK-
GND
GND
-ERR
-MAN
-NMI
-SYS
-MRST
-ACLOW
50 Hz
FC2
MLT-
RST-
R/W
LDS
UDS
AS
-DTACK
BG-
-IACK
-BERR
-VPA
-BEN
BEN
-IRDS
-IWRS
-IDA
-IIO
-IAC
IRST
INTA
IAS
SYER
BRQ-
ØT-
PCLK
CLK
CD1
CD0
IPL 2
IPL 1
IPL 0
32 Mc
C-bus

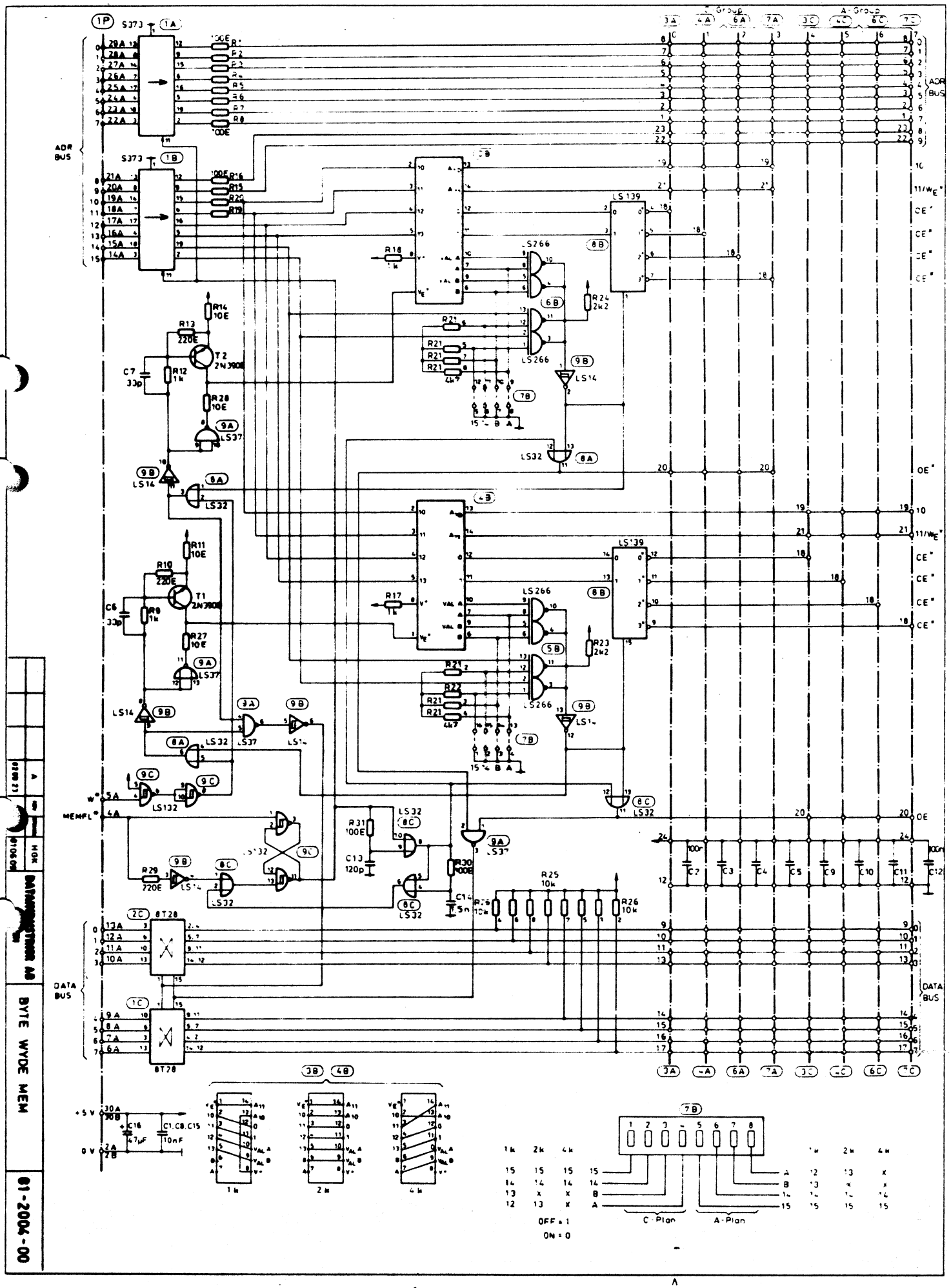

ADR 5
UPDATE A"
W MEM"
UPDATE B"
DATA TO MEM A, C
DATA TO MEM B, D
RAM ADR
RAS"
CAS"
+12 V
+ 5 V
0 V
- 12 V
DATA FROM MEM A, C
DATA FROM MEM B, D
LOAD MEL LATCH"
LOAD P/S"
Φ 1"
VIDEO A, C"
VIDEO B, D"
VIDEO SEL A"
VIDEO SEC B"
LS138
LS240
LS241
LS125
LS126
LS151
LS174
LS166
LS195
180E
100E
150µ 16V tant
47µ 6,3V tant
10n
+12V
+ 5V
0V
-5V
D1 5V 400mW
DATAINDUSTRIER AB
SWEDEN
G-MEM
81-2001-00
82.05.20
80.08.08


ADR.
DATA
R
W
MEM FL IN
+12V
+5V
0V
-12V
READY MEM
+5V
+5V
+5V
R1
B1
2102
I
II
5V
0V
C1 C2 C3 C4 C5

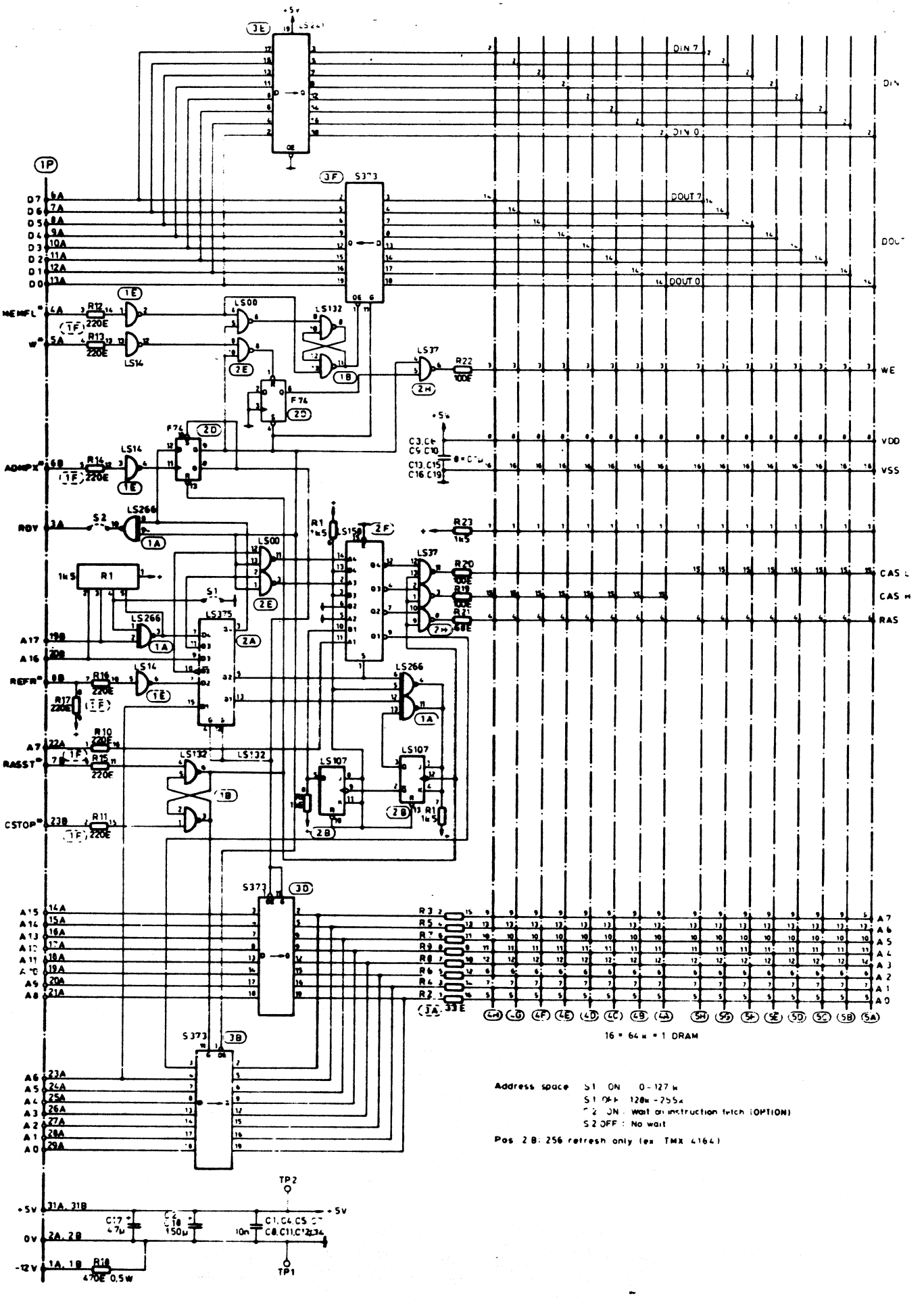
| | | |

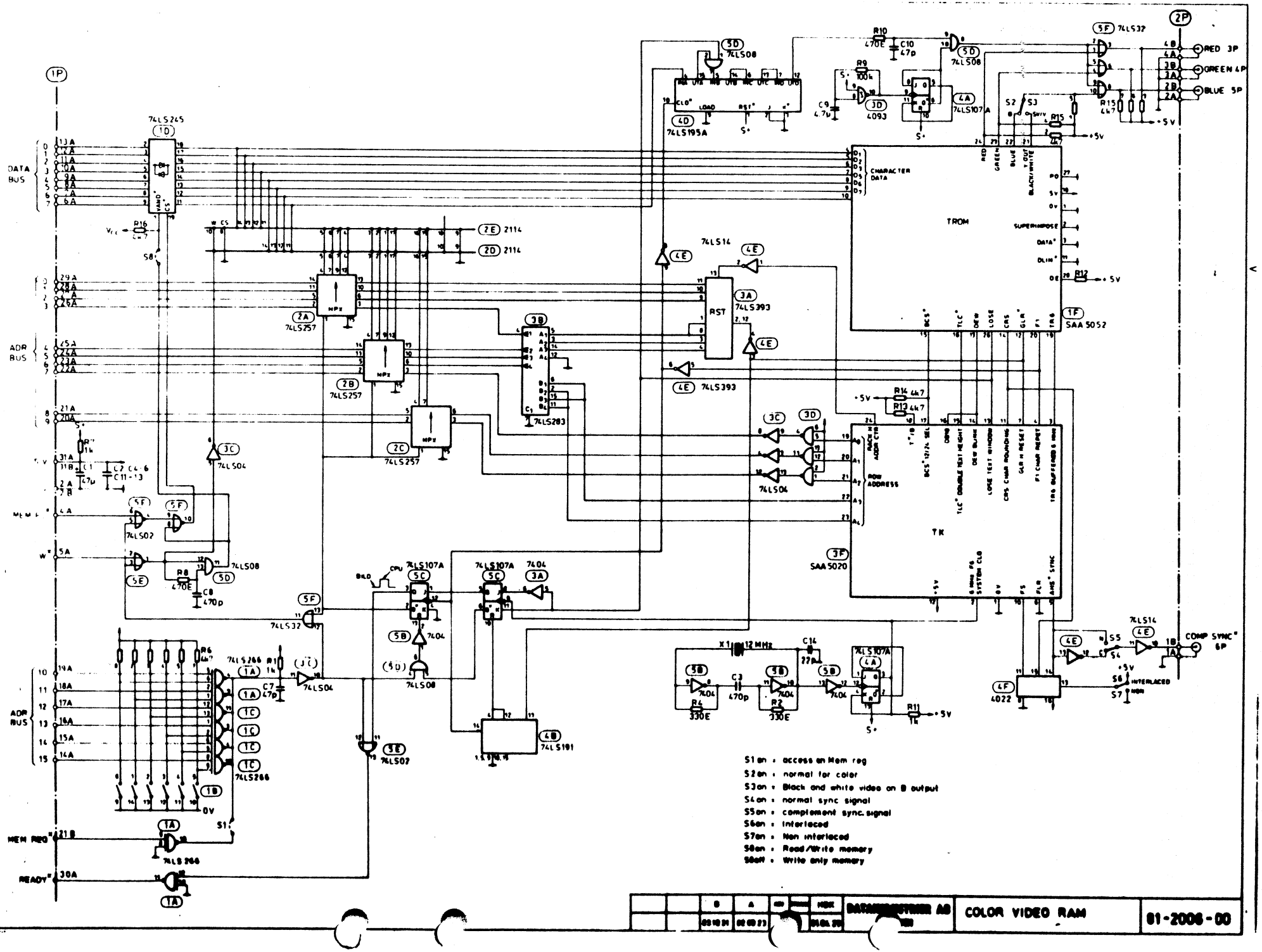

ADR BUS
DATA BUS
MEM FL
W
S3
S1
S2
74LS14
74LS08
74LS00
74LS04
74LS74AN
74LS32
74LS266
LS257AN
LS241
S373
S85
CAS
RAS
W
IN
UT
-5V
+12V
0V
Base Address
S3 Jumper 1-2 for Zeta Board 1043 CPU
S3 Jumper 2-3 for ABC 80 and Data Board 1062, 1057 CPU
0 = Jumper
1 = No jumper
16 k REF-RAM
81-2003-08

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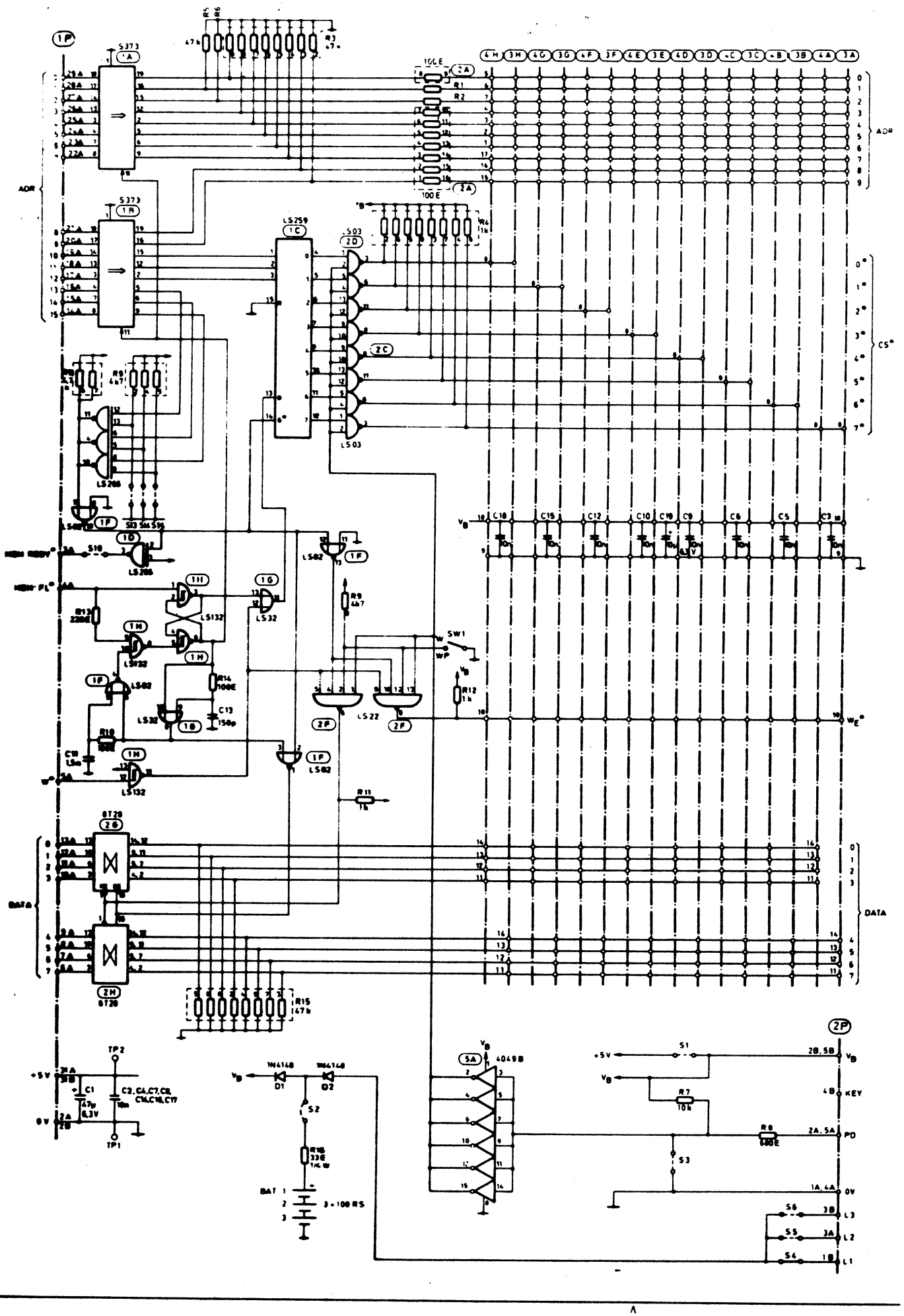


| | | |

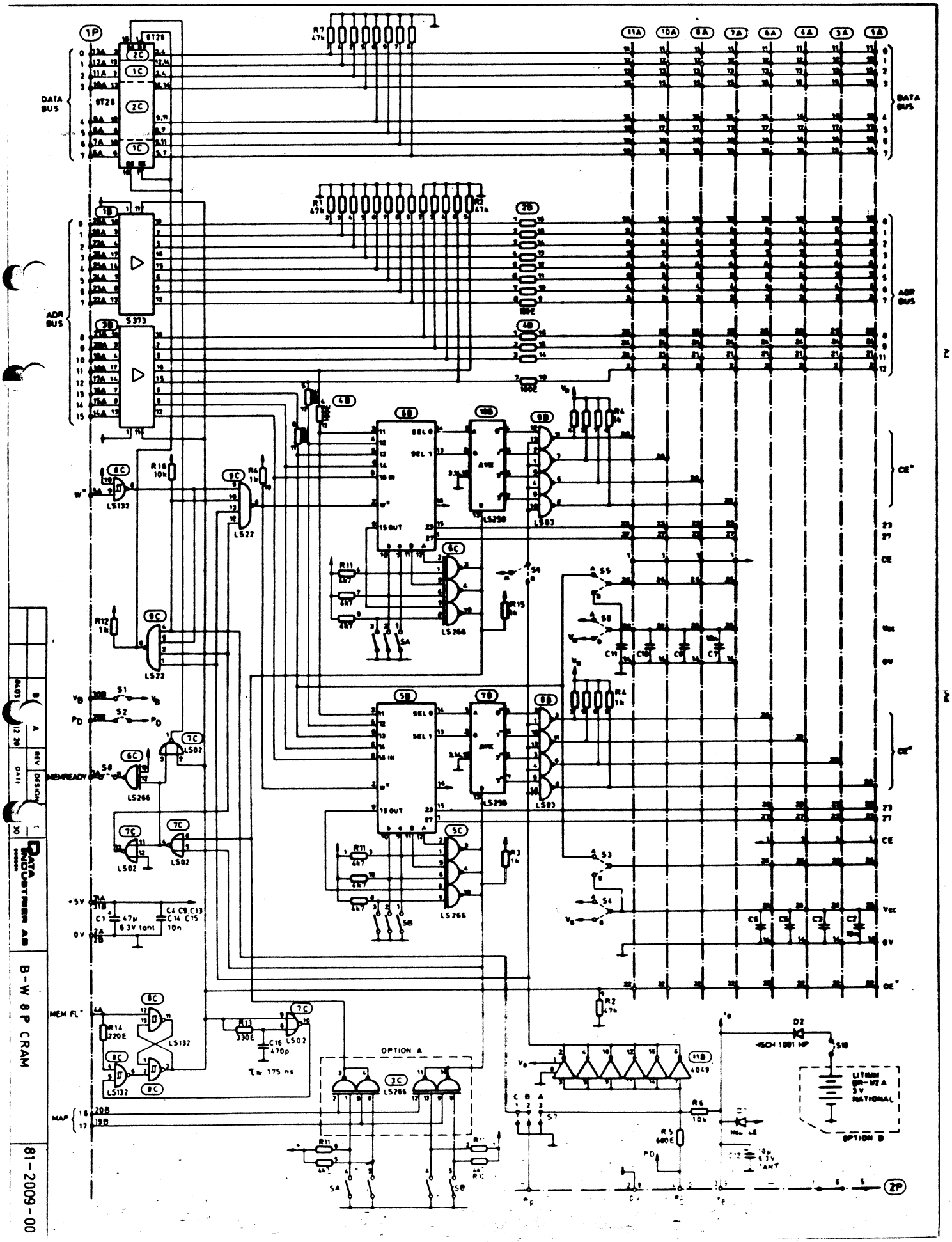

DATAINDUSTRIER AB
128 k D-RAM BOARD
2,5/5 MHz version
01-2005-10
DIN 7
DIN 0
DOUT 7
DOUT 0
DIN
DOUT
WE
VDD
VSS
CAS L
CAS H
RAS
16 = 64 k = 1 DRAM
Address space S1 ON 0 - 127 k
S1 OFF 128k - 255k
S2 ON : Wait on instruction fetch (OPTION)
S2 OFF : No wait
Pos 2 B: 256 refresh only (ex TMX 4164)
470E 0.5W

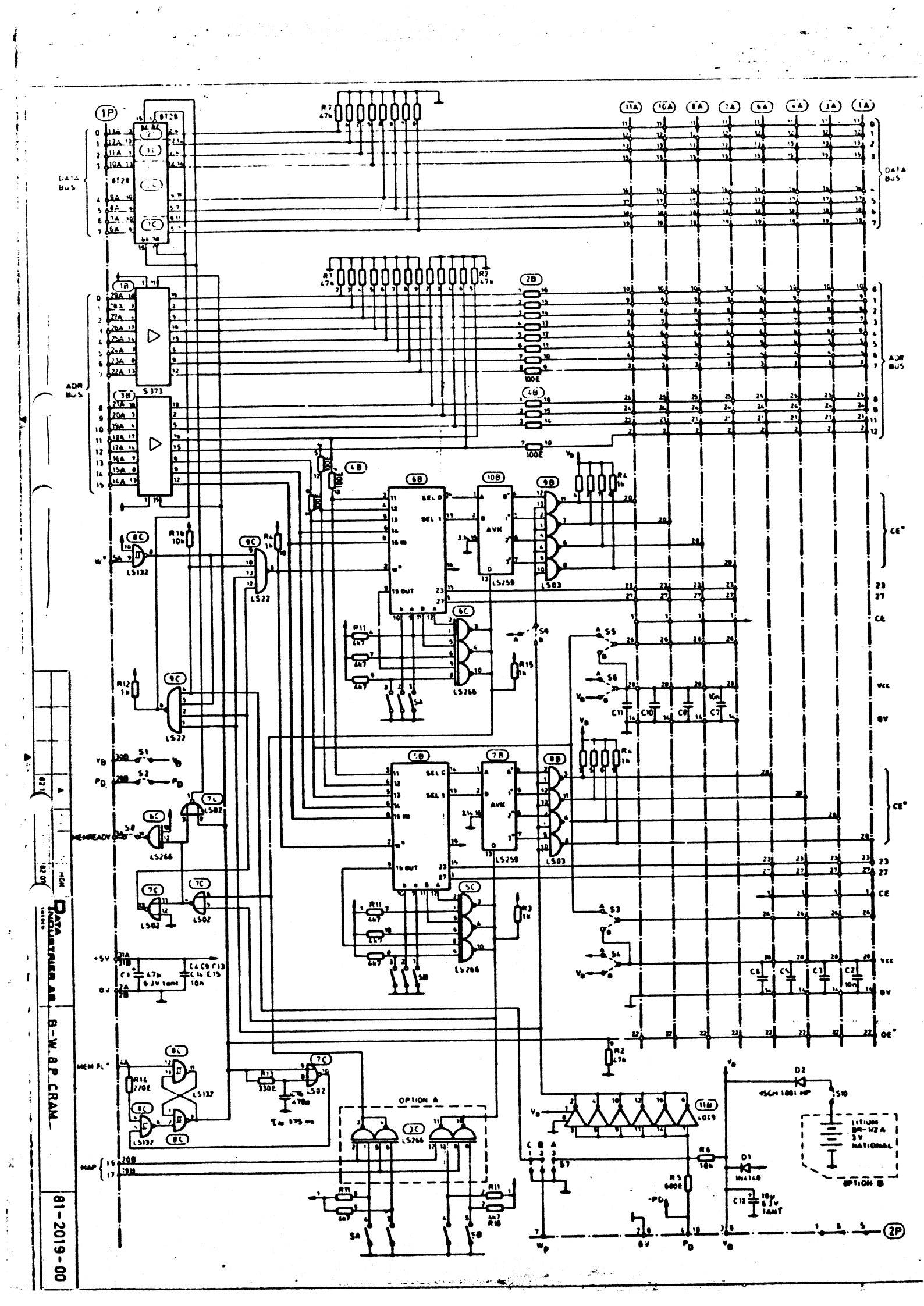

DATA BUS
ADR BUS
ADR BUS
MEM REQ*
READY*
74LS245
74LS257
74LS257
74LS257
74LS283
74LS14
74LS393
74LS393
74LS04
74LS02
74LS08
74LS08
74LS107A
74LS107A
74LS107A
74LS37
74LS286
74LS266
74LS191
74LS02
74LS195A
4093
74LS08
74LS32
74LS107A
74LS14
4022
CHARACTER DATA
TROM
SAA 5052
ROW ADDRESS
TK
SAA 5020
X1 12 MHz
C14 22p
C3 470p
R4 330E
R2 330E
R11 1k
R10 470E
C10 47p
R9 100k
C9 4.7µ
R15 447
R14 447
R13 447
R16 1k
R8 470E
C8 470p
C1 47µ
C7 47p
R6 447
R1 1k
S1
S2
S3
S4
S5
S6
S7
S8
RED 3P
GREEN 4P
BLUE 5P
COMP SYNC* 6P
INTERLACED
NON
+5V
0V
S1 on : access on Mem reg
S2 on : normal for color
S3 on : Black and white video on B output
S4 on : normal sync signal
S5 on : complement sync. signal
S6 on : Interlaced
S7 on : Non interlaced
S8 on : Read/Write memory
S8 off : Write only memory
B
A
COLOR VIDEO RAM
01-2006-00

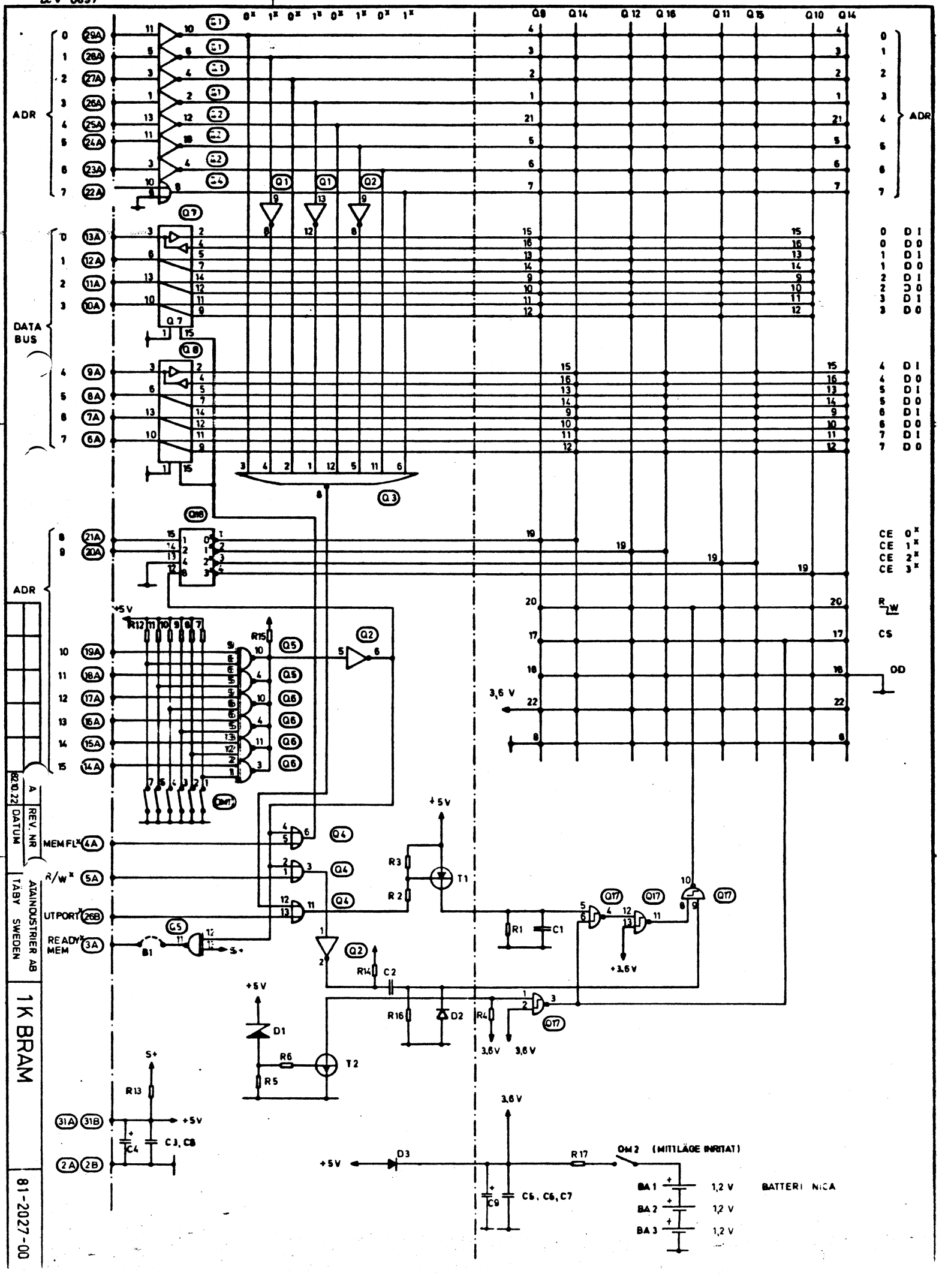
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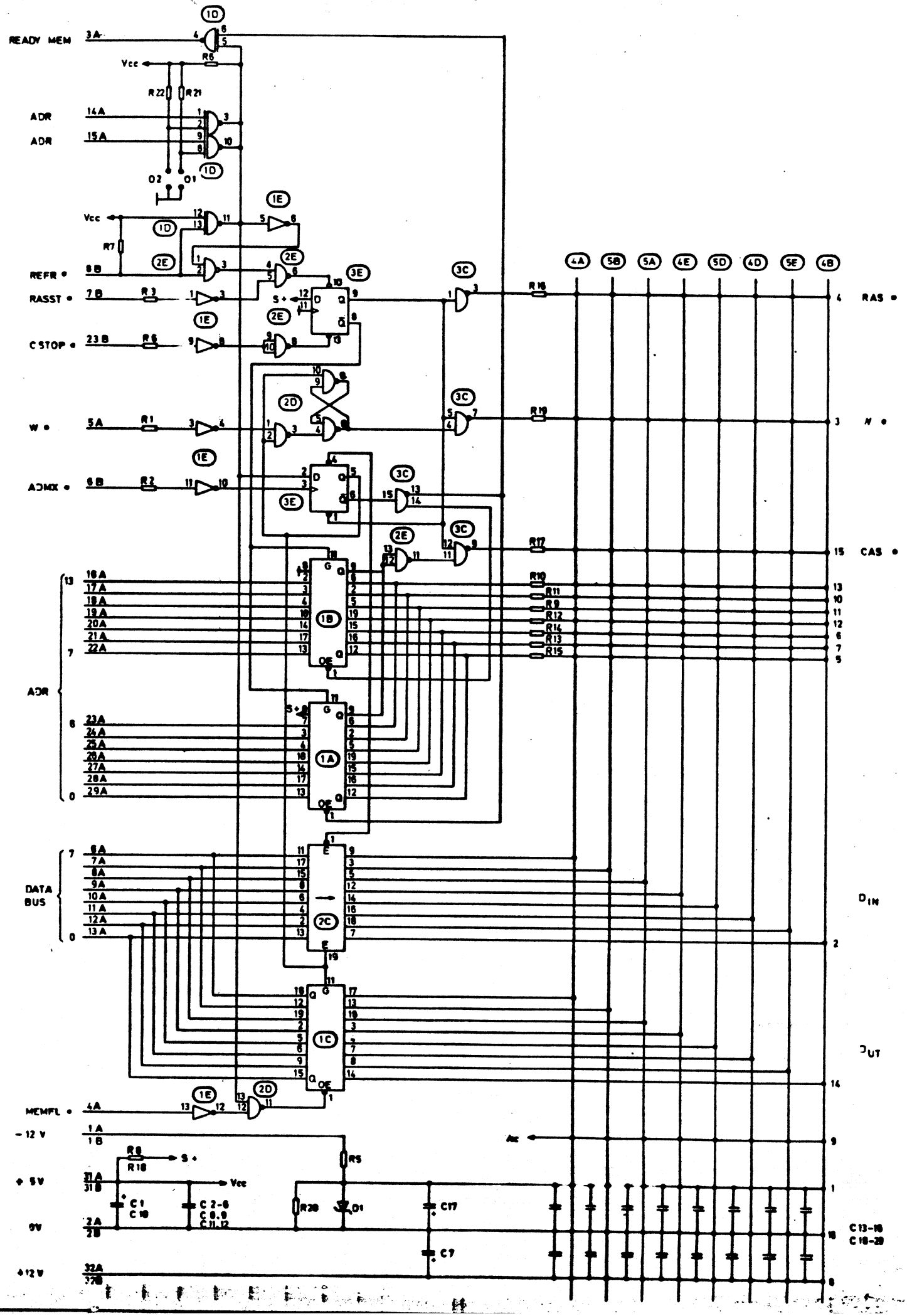


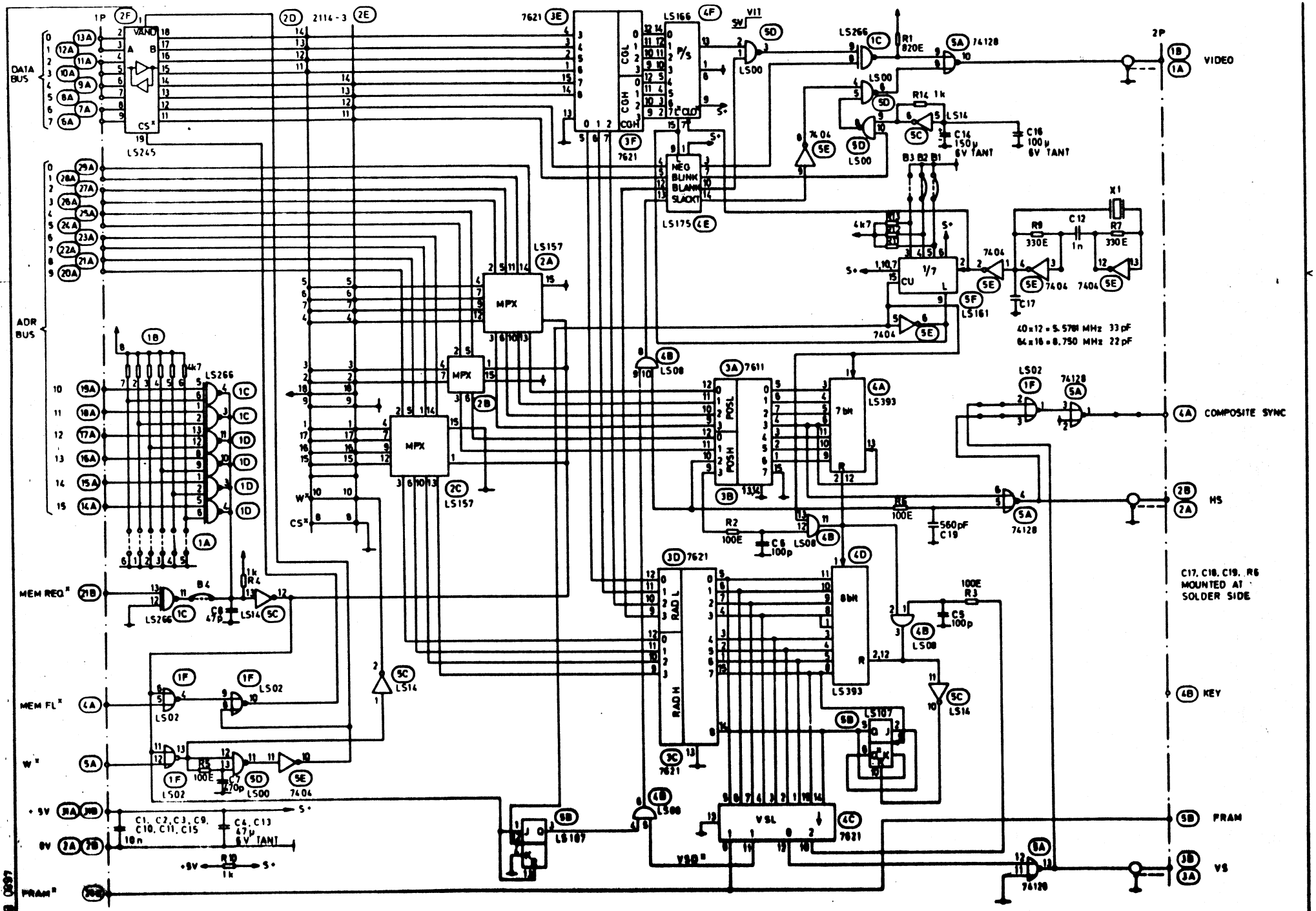
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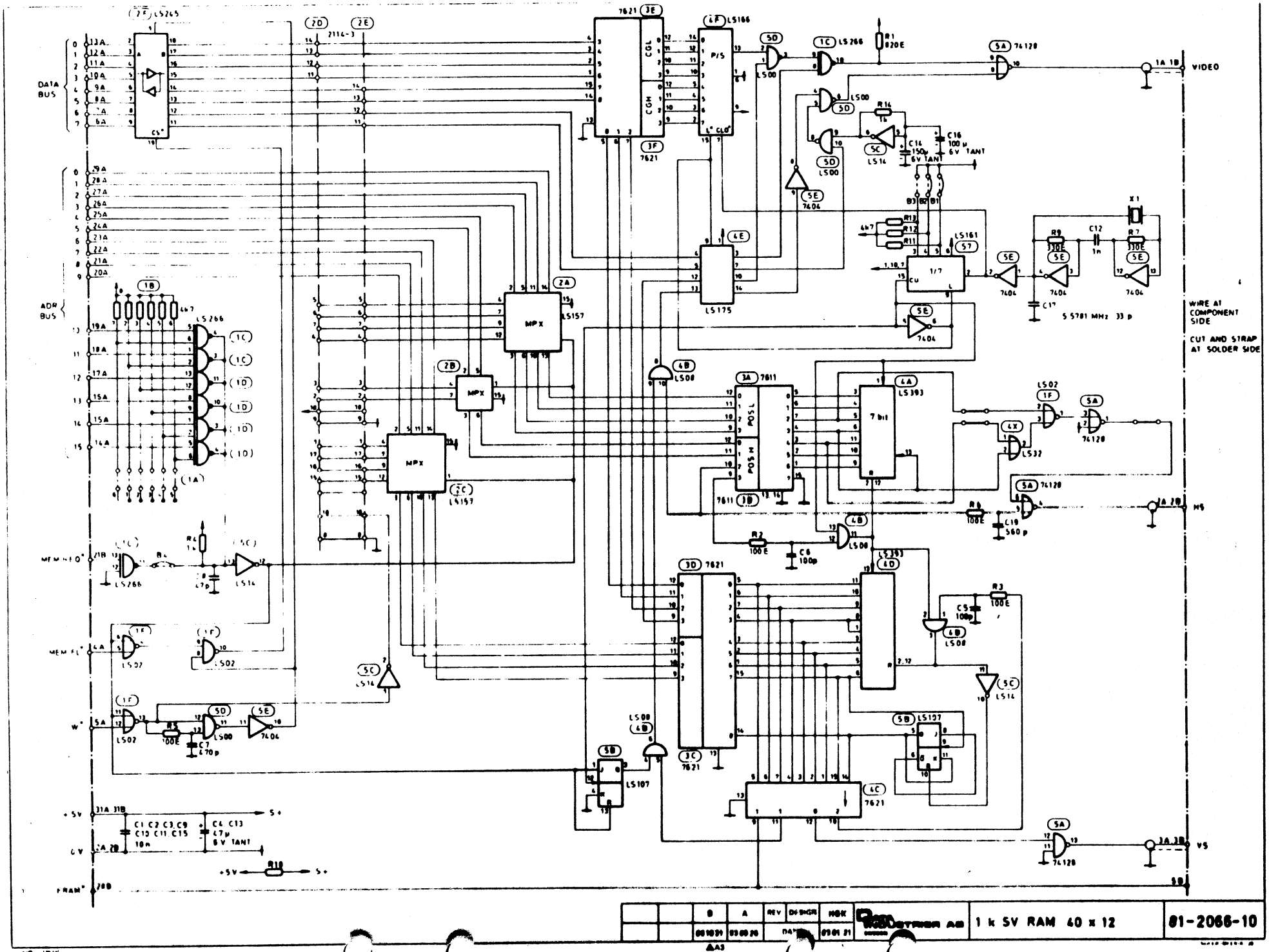


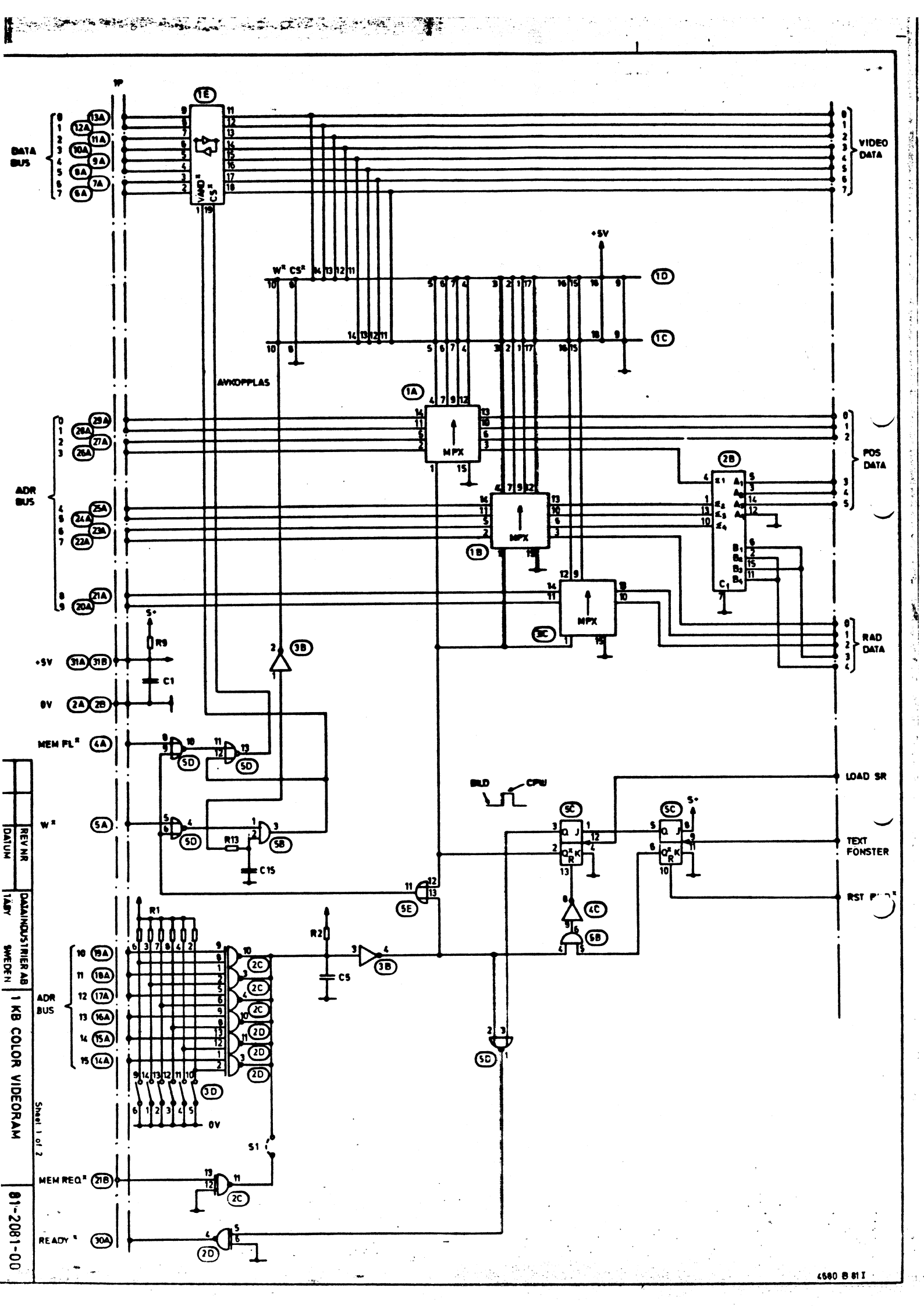

DATA BUS
ADR BUS
S373
LS132
LS22
LS266
LS259
LS08
LS02
LS86
LS283
AVK
4049
OPTION A
OPTION B
LITHIUM BR-M2A 3V NATIONAL
IN4148
D1
D2
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
MEMREADY
MEM PL*
MAP
+5V
0V
Vcc
CE*
OE*
B-W.R.P. CRAM
81-2019-00

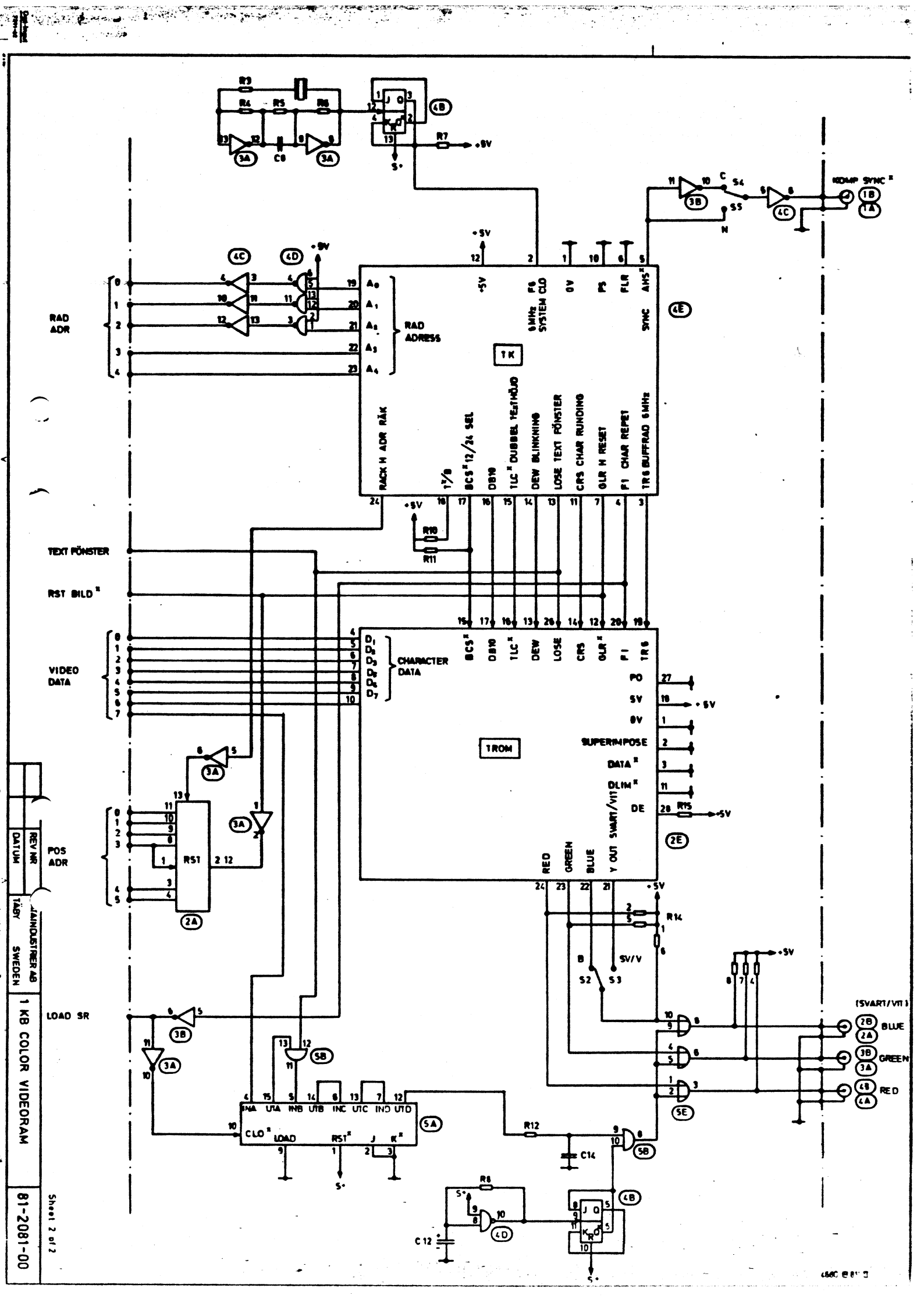

ADR
DATA BUS
ADR
ADR
MEMFL*
R/W*
UTPORT*
READY* MEM
+5V
3,6 V
CE 0*
CE 1*
CE 2*
CE 3*
R/W
CS
OD
T1
T2
D1
D2
D3
R1
R2
R3
R4
R5
R6
R13
R14
R15
R16
R17
C1
C2
C3, C8
C4
C5, C6, C7
C9
B1
OM 2 (MITTLÄGE INSTAT)
BA 1
BA 2
BA 3
1,2 V
BATTERI NICA
A
82.10.22
DATUM
REV. NR
TÄBY SWEDEN
ATAINDUSTRIER AB
1K BRAM
81-2027-00


READY MEM
3A
Vcc
R6
R22
R21
ADR
14A
ADR
15A
O2
O1
1D
1E
2E
3E
3C
2D
REFR •
8B
RASST •
7B
R3
S •
C STOP •
23B
R5
W •
5A
R1
ADMX •
6B
R2
R16
R18
R17
R19
RAS •
N •
CAS •
4A
5B
5A
4E
5D
4D
5E
4B
ADR
18A
17A
16A
19A
20A
21A
22A
23A
24A
25A
26A
27A
28A
29A
1B
1A
R10
R11
R9
R12
R14
R13
R15
DATA BUS
8A
7A
6A
9A
10A
11A
12A
13A
2C
1C
DIN
DUT
MEMFL •
4A
2D
- 12 V
1A
1B
R8
R18
S •
R5
+ 5V
31A
31B
Vcc
C1
C10
C 2-6
C 8,9
C11,12
R20
D1
C17
C7
9V
2A
2B
+12 V
32A
32B
Acc
C13-16
C18-20
REV. NR
DATUM
DATAINDUSTRIER AB
SWEDEN
16 K RAM DYNAMIC
81-2066-00

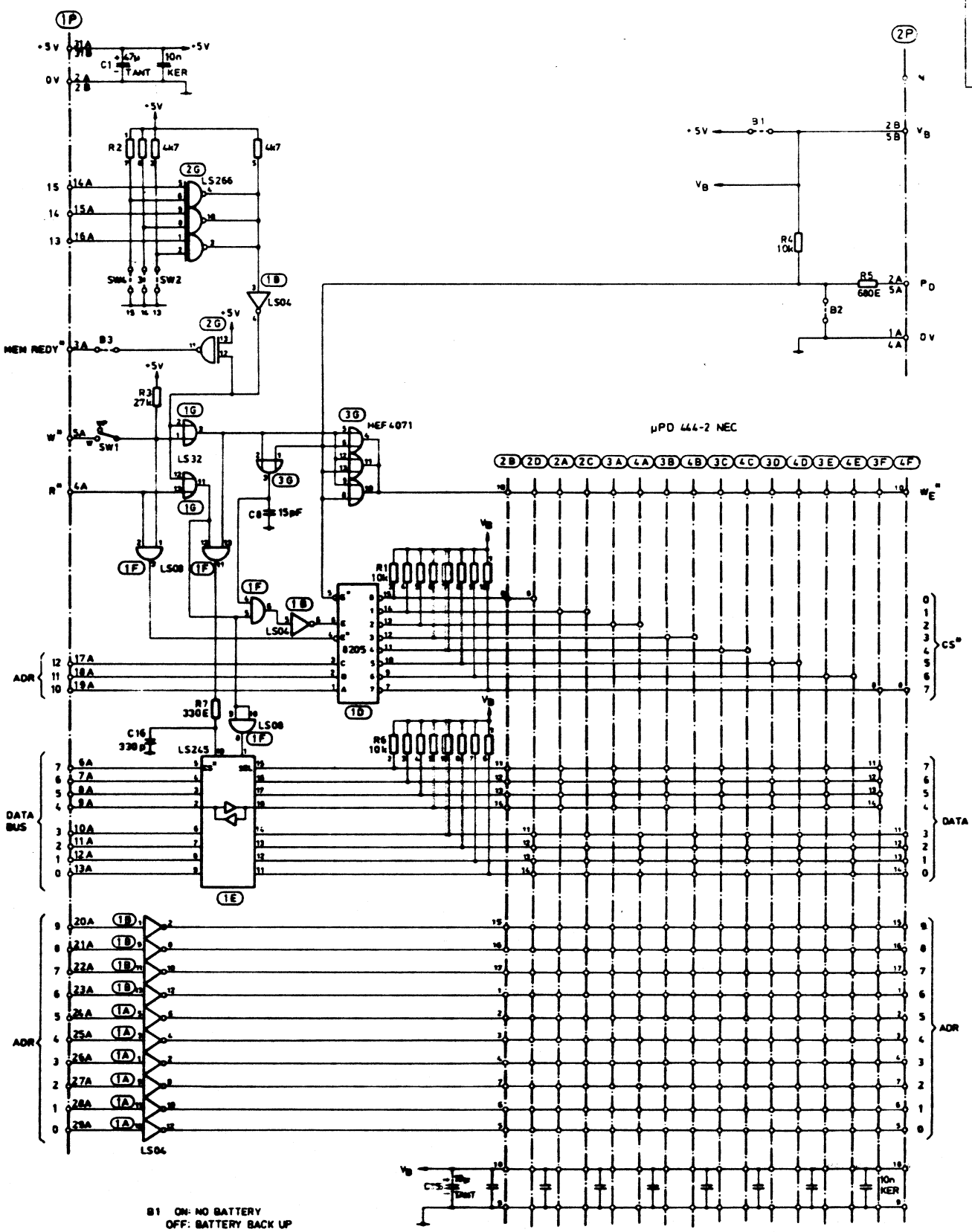

DATA BUS
ADR BUS
LS245
LS157
MPX
LS266
LS14
LS02
LS00
LS08
LS107
LS166
P/S
LS175
LS161
LS393
7611
7621
7404
74128
VSL
MEM REQ*
MEM FL*
W*
+5V
0V
PRAM*
VIDEO
COMPOSITE SYNC
HS
KEY
PRAM
VS
40 x 12 = 5.5781 MHz 33 pF
64 x 16 = 8.750 MHz 22 pF
C17, C18, C19, R6 MOUNTED AT SOLDER SIDE
1 k 5V RAM 64 x 16
81-2066-00


DATA BUS
ADR BUS
VIDEO
WIRE AT COMPONENT SIDE
CUT AND STRAP AT SOLDER SIDE
MEMWR0*
MEMRD*
W*
FRAM*
+5V
0V
MPX
LS157
LS175
LS166
LS266
LS14
LS00
LS02
LS08
LS32
LS107
LS393
LS161
LS245
74128
7404
7621
7611
1 k 5V RAM 40 x 12
81-2066-10

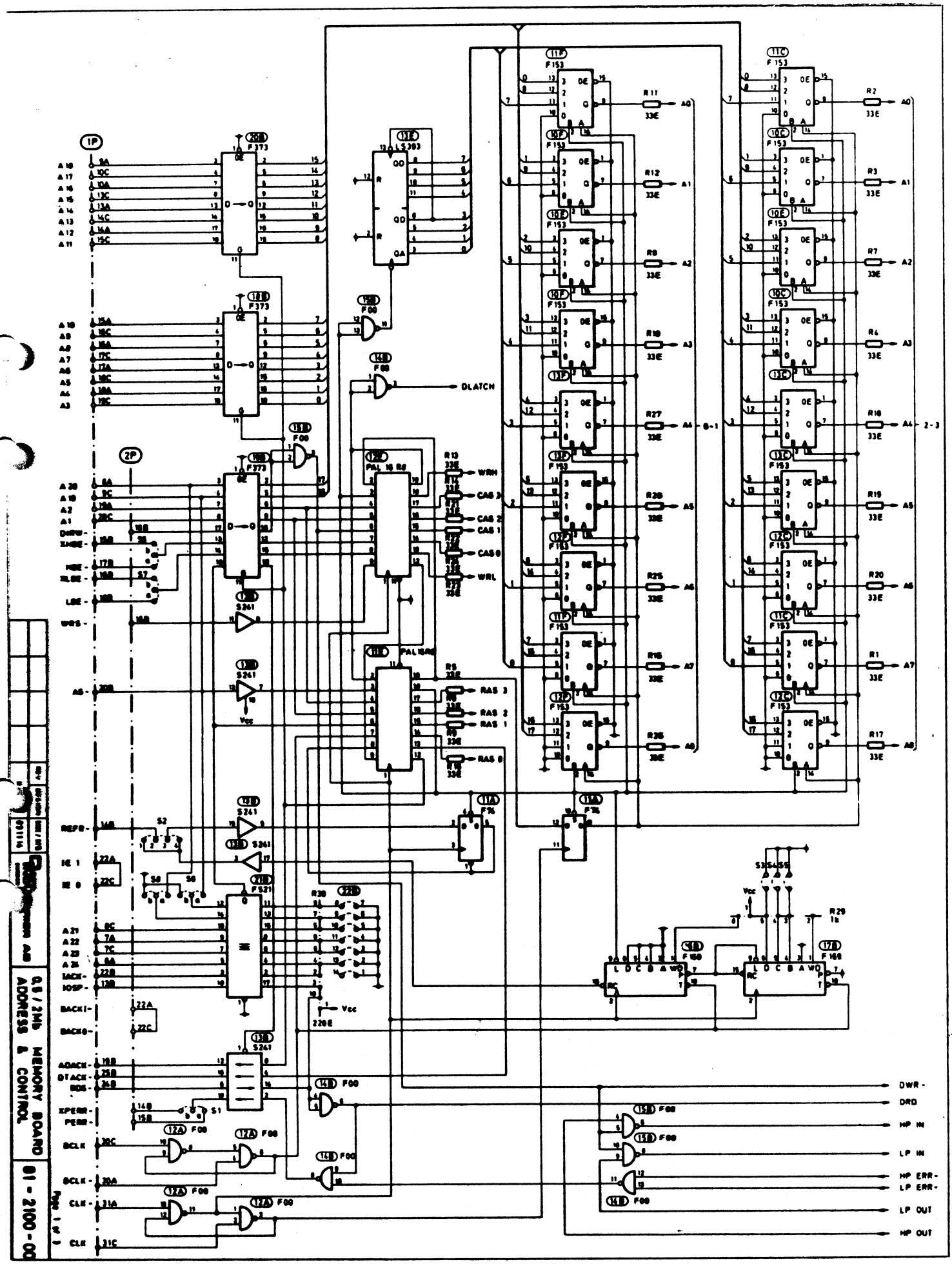

DATA BUS
VIDEO DATA
AVKODPLAS
+5V
ADR BUS
POS DATA
RAD DATA
MPX
MEM FL*
W*
LOAD SR
BILD
CPU
TEXT FONSTER
ADR BUS
R1
R2
C5
R9
C1
R13
C15
S1
MEM REQ*
READY*
0V
1E
1D
1C
1A
1B
2B
2C
2D
3B
3D
4C
5A
5B
5C
5D
5E
REV NR
DATUM
DATAINDUSTRIER AB
TÄBY
SWEDEN
1 KB COLOR VIDEORAM
Sheet 1 of 2
81-2081-00
4680 B 81 I


RAD ADR
RAD ADRESS
1 K
RACK H ADR RÄK
1:2/8
BCS* 12/24 SEL
DB10
1LC* DUBBEL Y-FRIHÖJD
DEW BLINKNING
LOSE TEXT FÖNSTER
CRS CHAR RUNDING
OLR H RESET
F1 CHAR REPET
TR6 BUFFRAD 6 MHz
6 MHz SYSTEM CLO
0V
FS
FLR
SYNC
AHS*
HDMP SYNC*
TEXT FÖNSTER
RST BILD*
VIDEO DATA
CHARACTER DATA
1 ROM
SUPERIMPOSE
DATA*
DLIM*
DE
SVART/VIT
RED
GREEN
BLUE
POS ADR
RS1
LOAD SR
LOAD
RST*
CLO*
(SVART/VIT)
BLUE
GREEN
RED
C14
C12
R14
R15
R12
R8
S2
S3
S4
S5
SV/V
1 KB COLOR VIDEORAM
81-2081-00
Sheet 2 of 2
DATUM
REV NR
TÄBY SWEDEN
JAINDUSTRIER AB

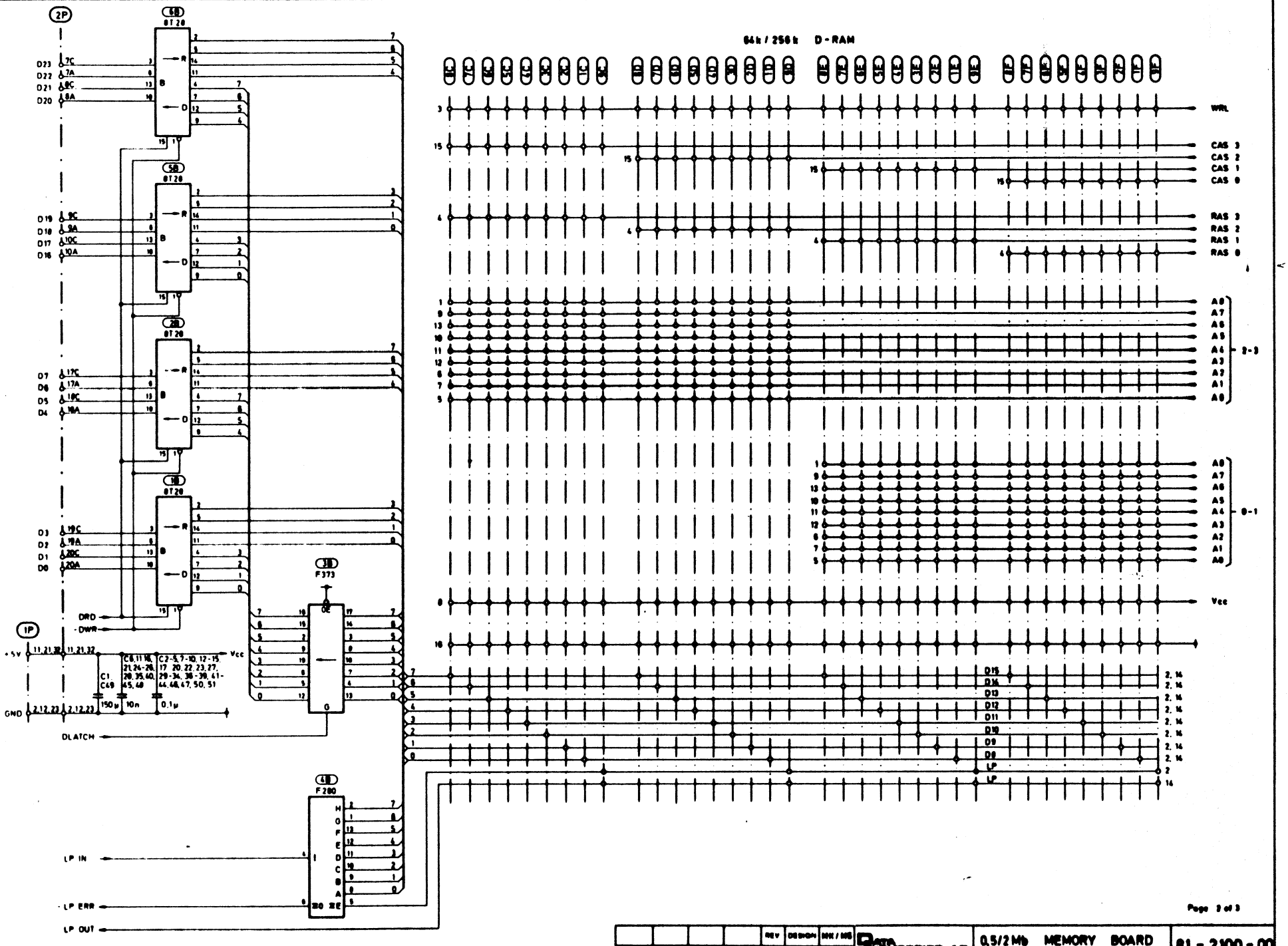
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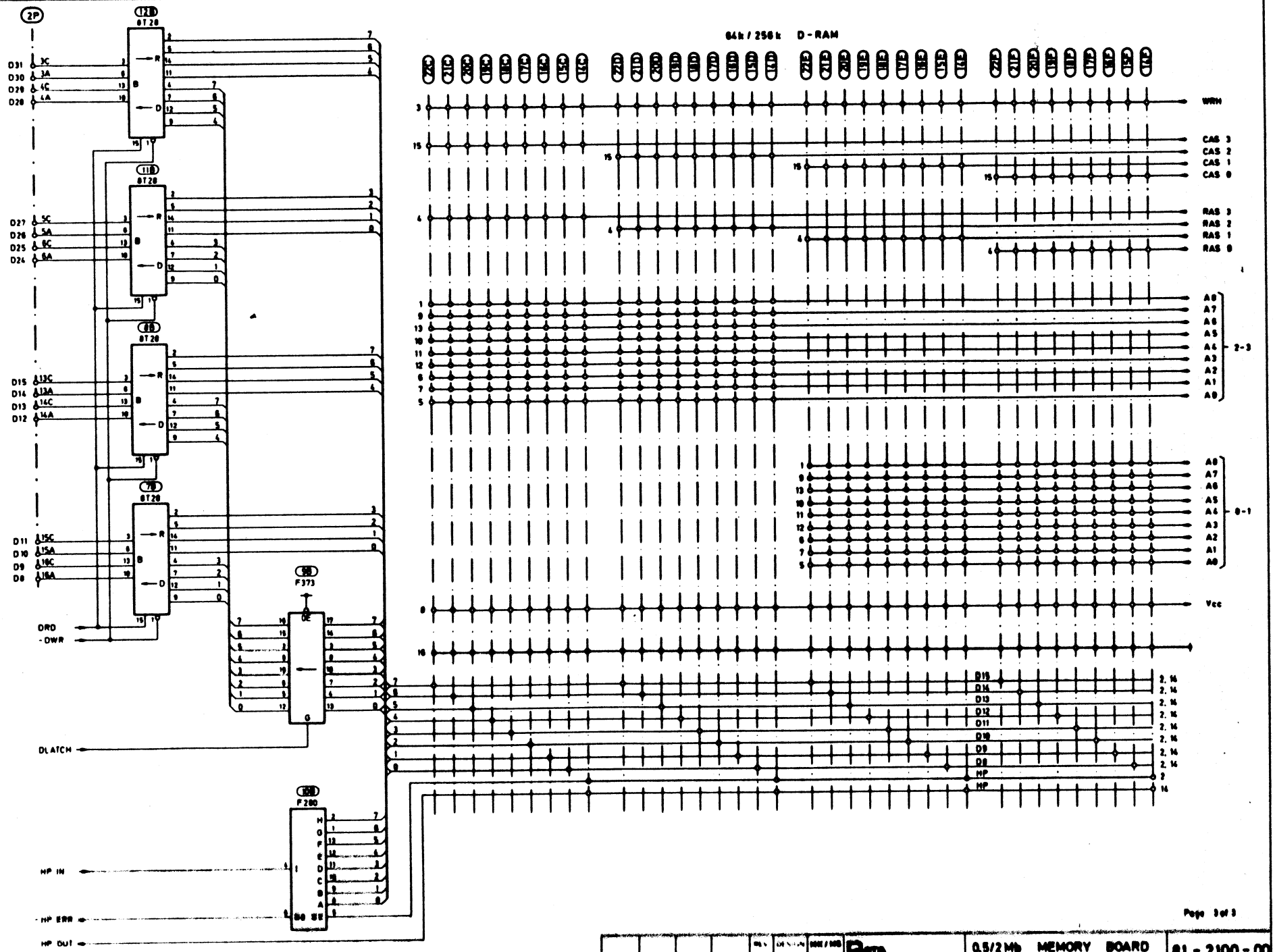


8 KBRAM	
81-2006-00	

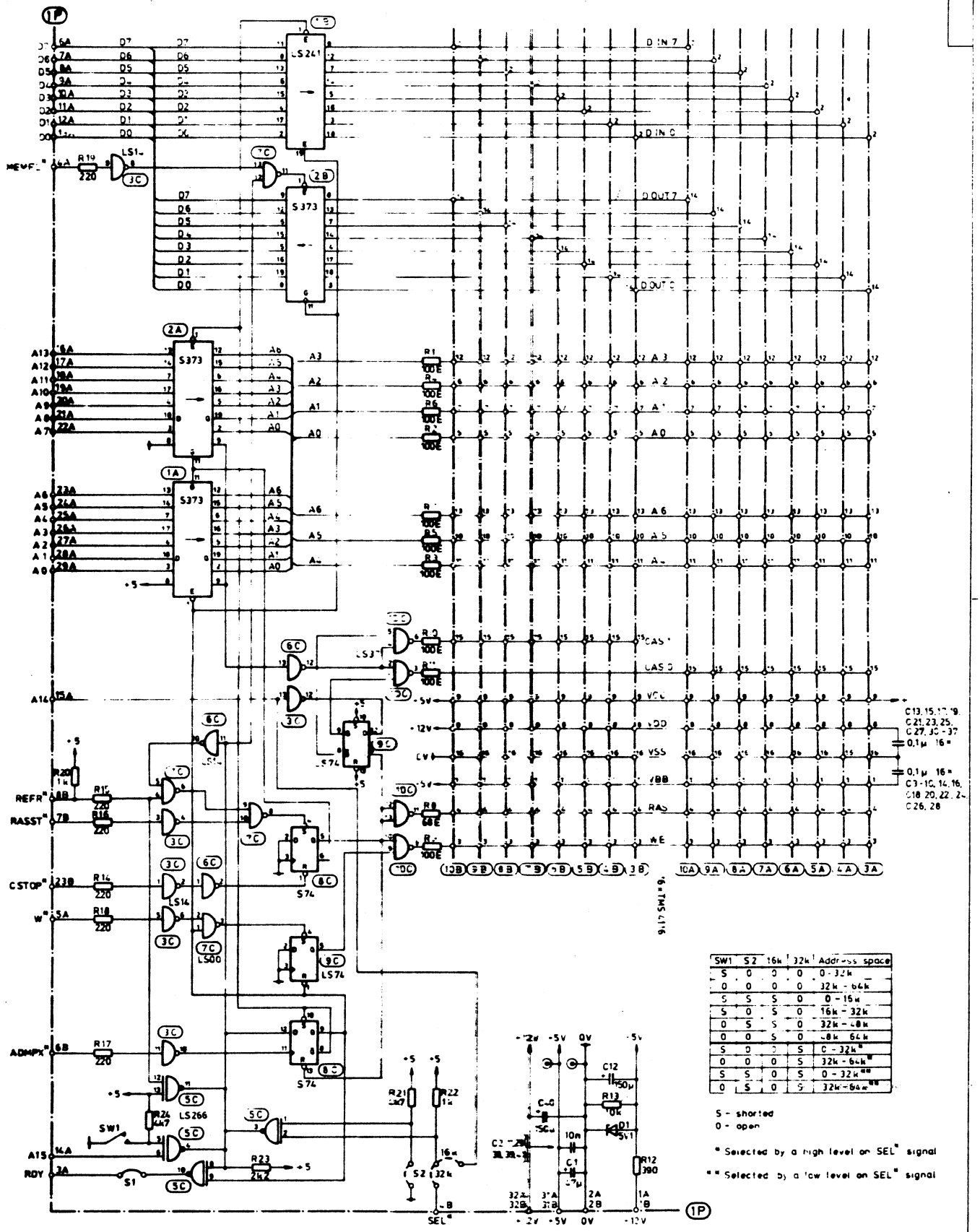

ADDRESS & CONTROL
MEMORY BOARD
01 - 2100 - 00
DLATCH
WRH
CAS 3
CAS 2
CAS 1
CAS 0
WRL
RAS 3
RAS 2
RAS 1
RAS 0
DWR -
DRD
HP IN
LP IN
HP ERR -
LP ERR -
LP OUT
HP OUT

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64k / 256k D-RAM
2P
12B
8T20
11B
8T20
9B
8T20
7B
8T20
9B
F373
20B
F280
D31 3C
D30 3A
D29 4C
D28 4A
D27 5C
D26 5A
D25 6C
D24 6A
D15 13C
D14 13A
D13 14C
D12 14A
D11 15C
D10 15A
D9 16C
D8 16A
DRD
-DWR
DLATCH
HP IN
-HP ERR
HP OUT
WRN
CAS 3
CAS 2
CAS 1
CAS 0
RAS 3
RAS 2
RAS 1
RAS 0
A8
A7
A6
A5
A4
A3
A2
A1
A0
2-3
0-1
Vcc
D15
D14
D13
D12
D11
D10
D9
D8
HP
HP
Page 3 of 3
0,5/2 Mb MEMORY BOARD
MEM. MATRIX & DATA PATH H
81 - 2100 - 00

...ot be ...pied without our written per... ...d the contents thereof must not be imparted to a ... or be used for any unauthorized purpose. Contra... ...will be prosecuted.



SW1	S2	16k	32k	Address space
S	0	0	0	0 - 32k
0	0	0	0	32k - 64k
S	S	S	0	0 - 16k
S	0	S	0	16k - 32k
0	S	S	0	32k - 48k
0	0	S	0	48k 64k
S	0	0	S	0 - 32k**
0	0	0	S	32k - 64k**
S	S	0	S	0 - 32k**
0	S	0	S	32k - 64k**

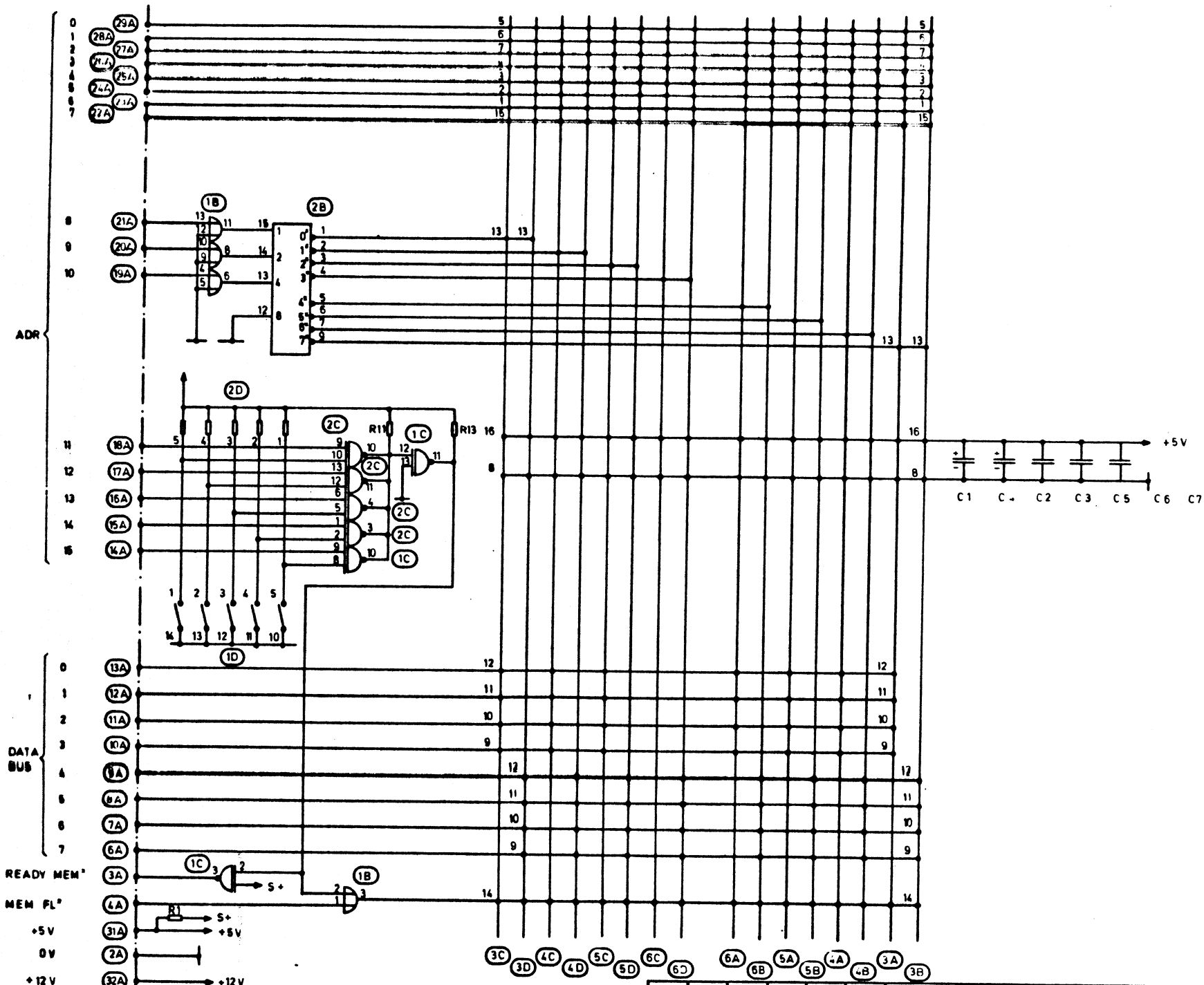
S - shorted
0 - open

* Selected by a high level on SEL* signal

** Selected by a low level on SEL* signal

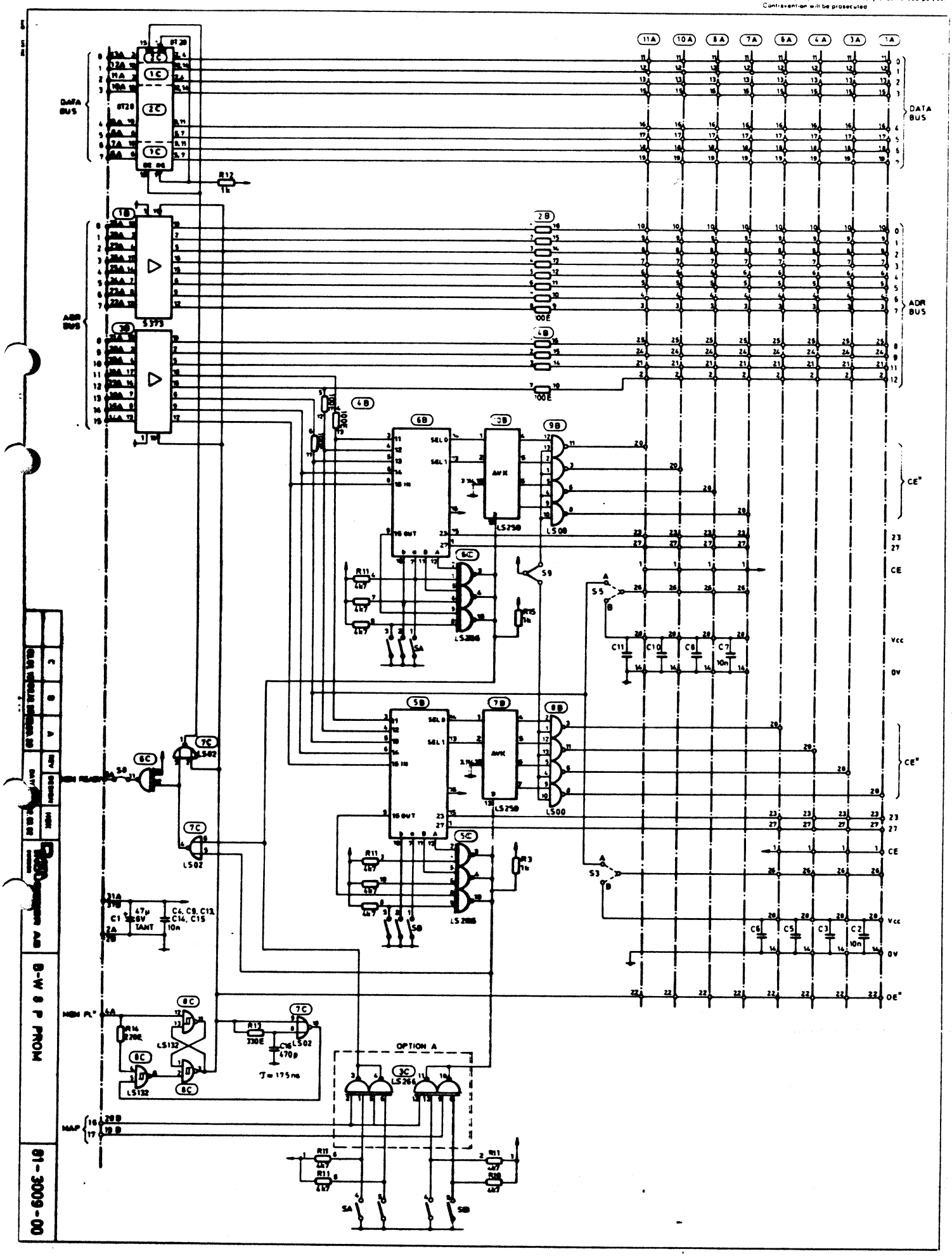
32K D RAM BOARD

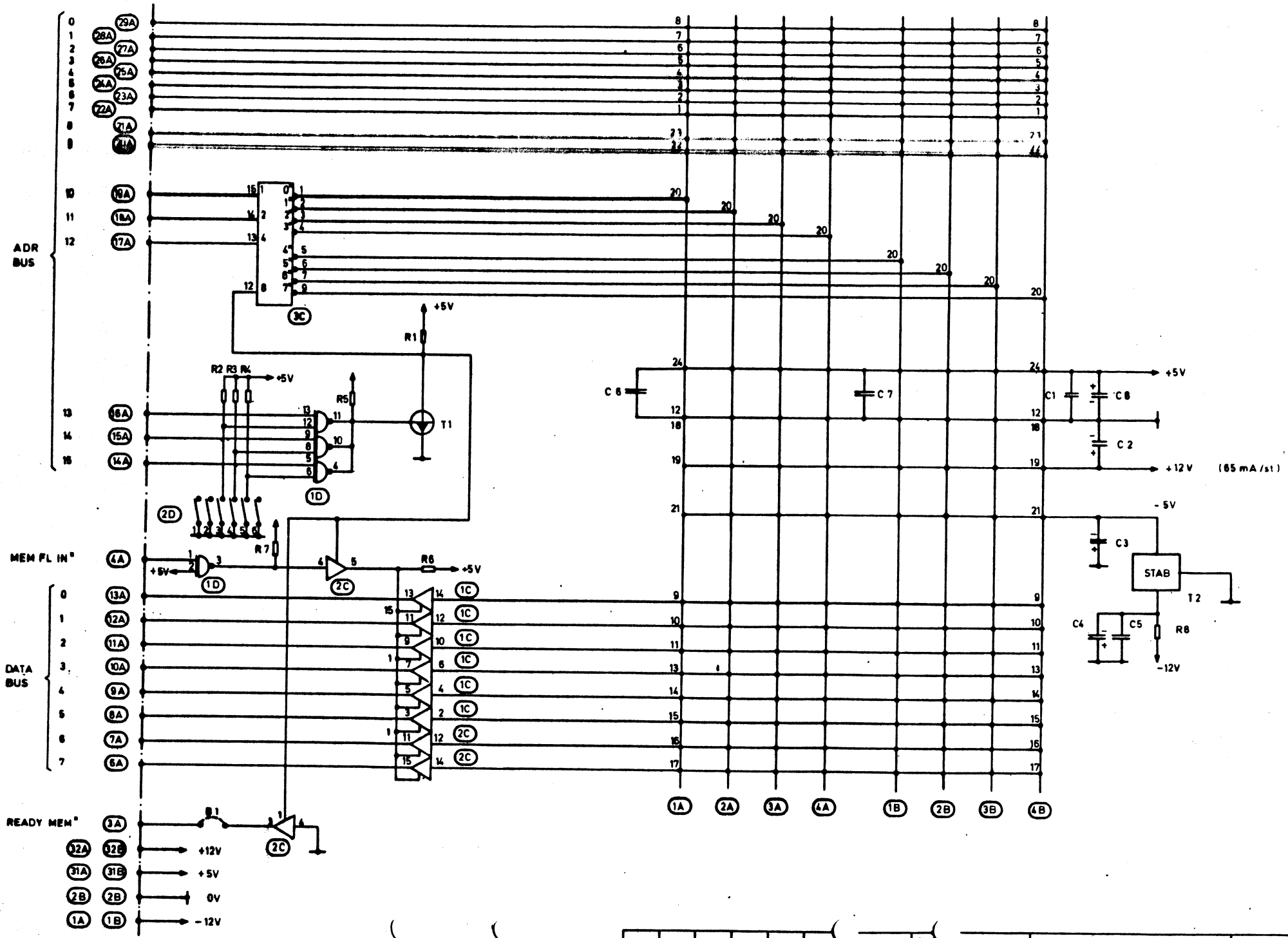
81-2112-00

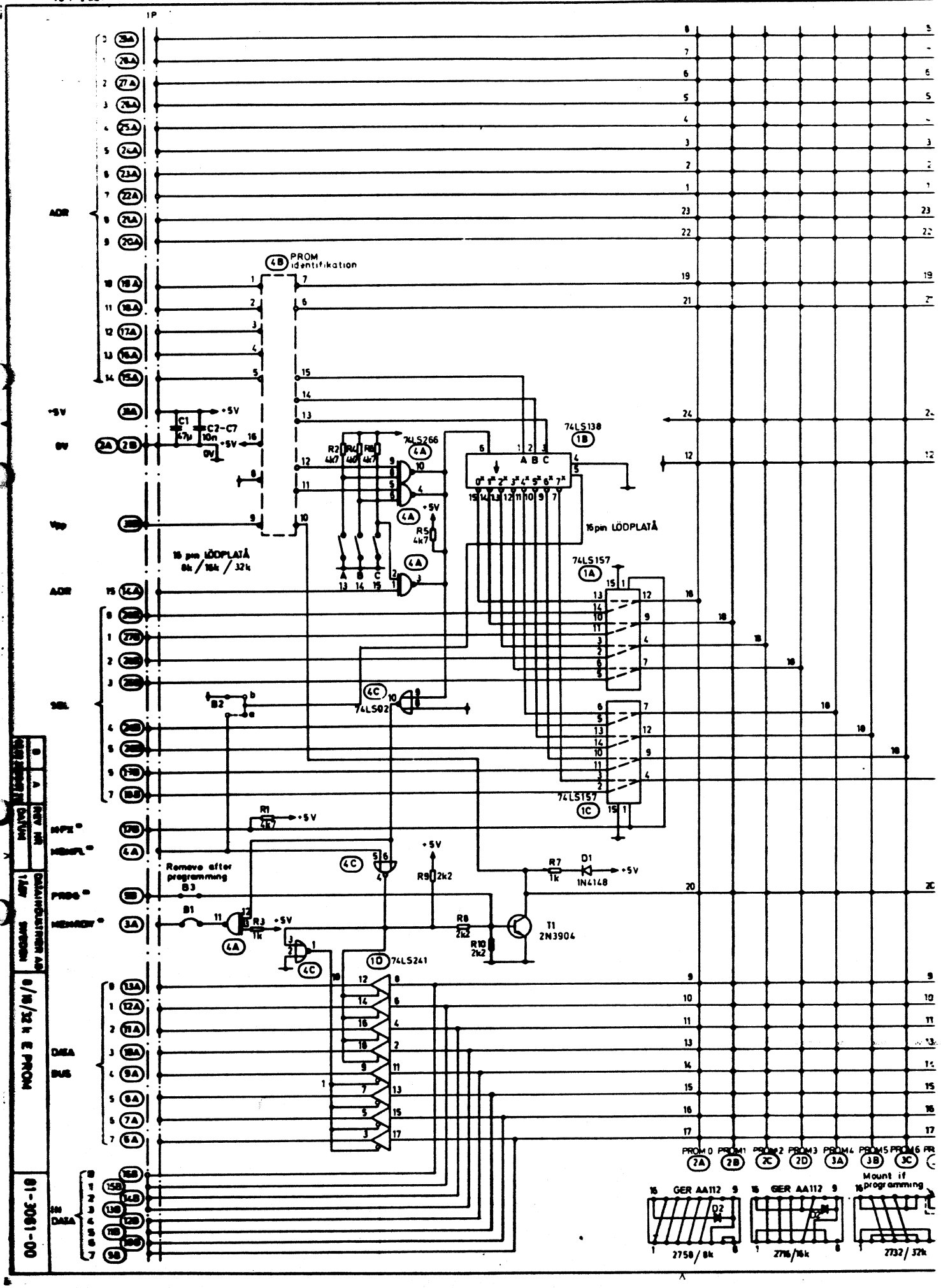

ADR
DATA BUS
READY MEM*
MEM FL*
+5V
0V
+12V
-12V
S+
+5V
+12V
-12V
R11
R13
C1
C2
C3
C5
C6
C7

| | | |

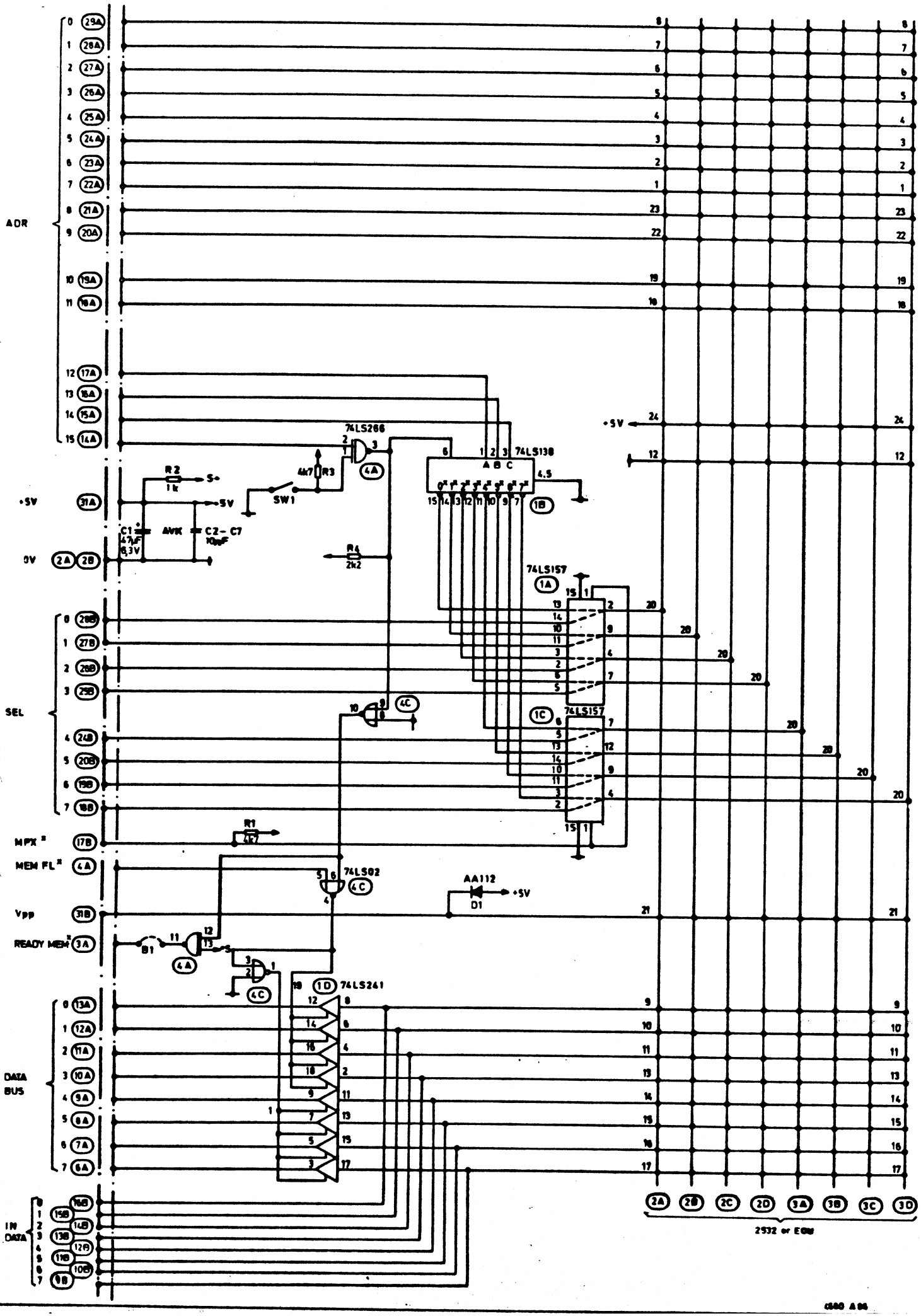
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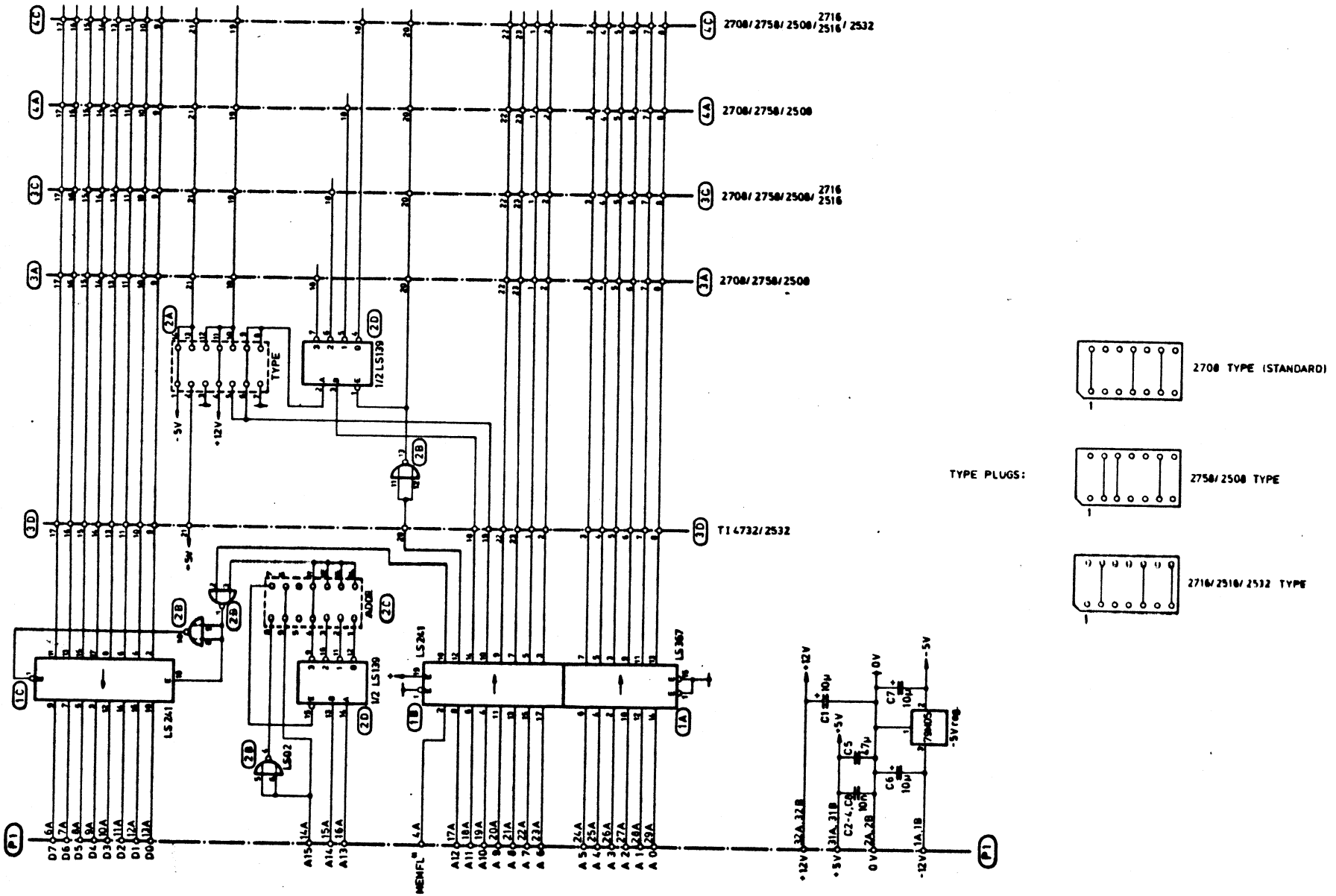

ADR BUS
DATA BUS
MEM FL IN*
READY MEM*
+5V
+12V
0V
-12V
R1
R2 R3 R4
R5
R6
R7
R8
T1
T2
C1
C2
C3
C4
C5
C6
C7
C8
STAB
(65 mA/st)
8K RPROM
81-3032-00
DATUM
TÄBY SWEDEN


PROM identifikation
74LS138
74LS266
74LS157
74LS157
74LS02
74LS241
16pin LÖDPLATÅ
16 pin LÖDPLATÅ
8k / 16k / 32k
Remove after programming
B1
B2
B3
R1 4k7
R2 4k7
R3 1k
R4 4k7
R5 4k7
R7 1k
R8 2k2
R9 2k2
R10 2k2
C1 47µ
C2-C7 10n
D1 1N4148
T1 2N3904
+5V
0V
ADR
SEL
DATA BUS
PROM 2 E 8/16/32 k
01-3061-00
PROM 0
PROM 1
PROM 2
PROM 3
PROM 4
PROM 5
PROM 6
GER AA112
2758 / 8k
2716 / 16k
2732 / 32k
Mount if programming

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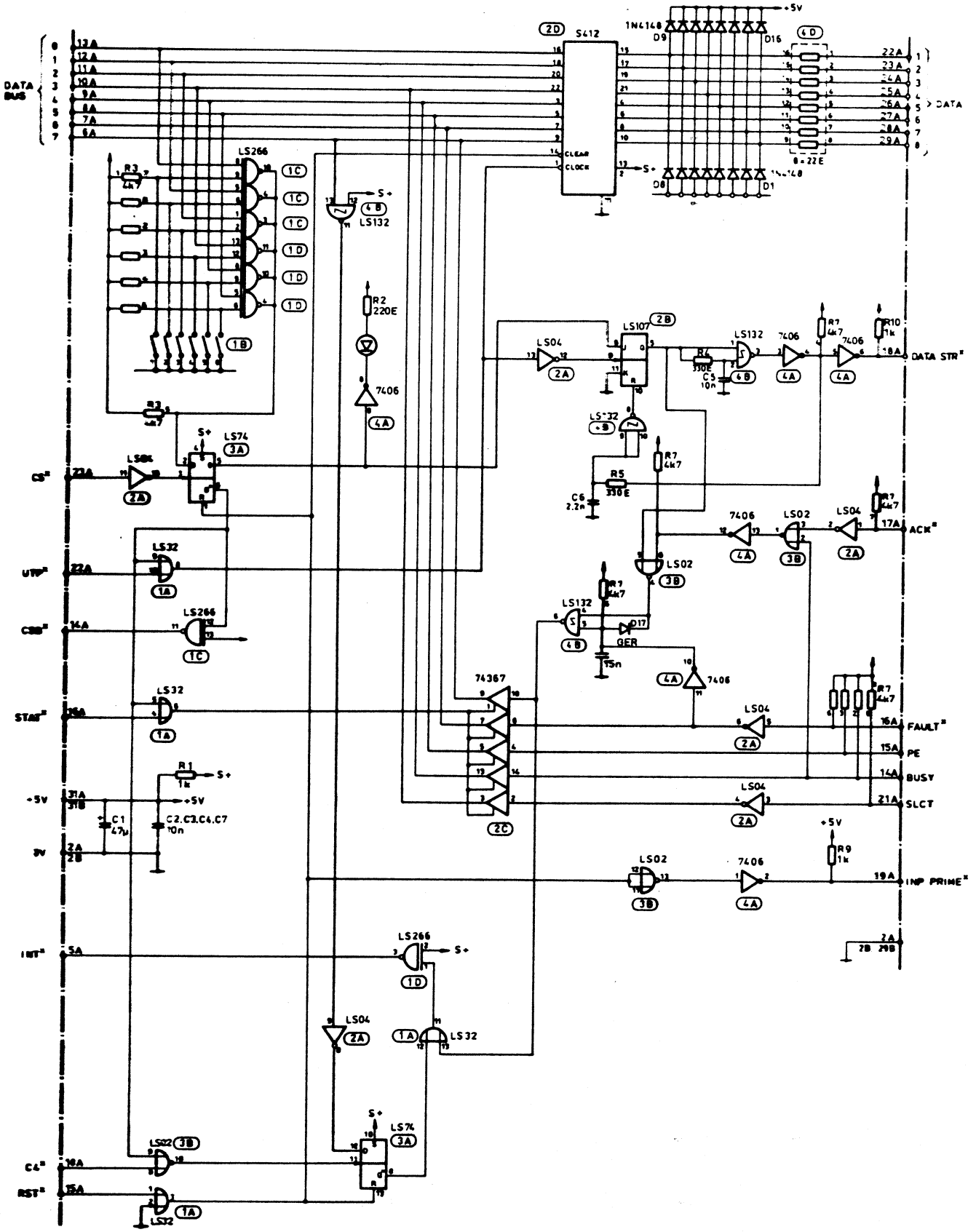


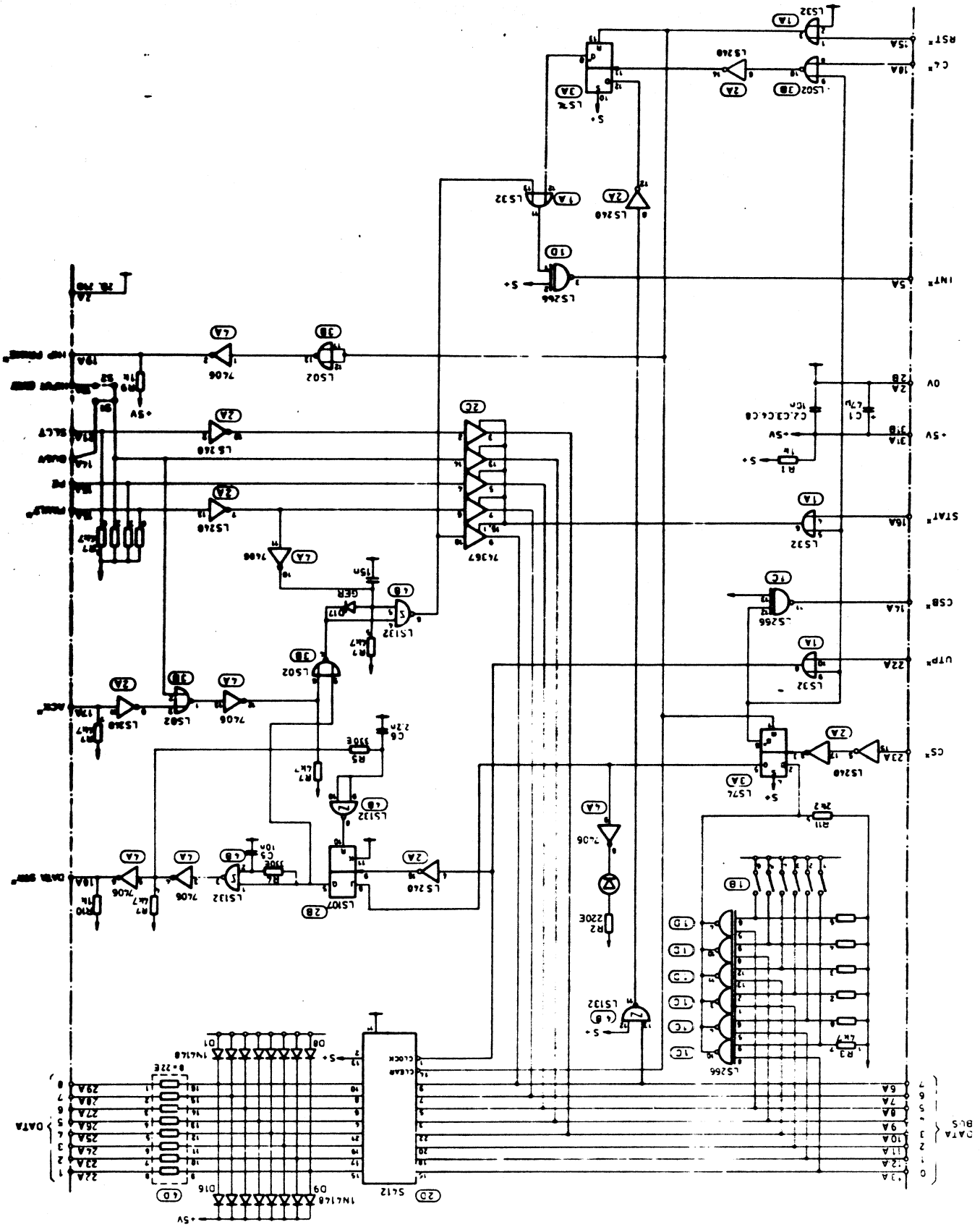
B				
BUD 0580 04.11	-			
DATUM	REV NR			
ITABY SWEDEN	ATAINDUSTRIER AB	32 k EPROM		
				81-3086-00



						MK	DATAINDUSTRIER AB	DATA DISC 80 8 k (P)ROM	81-3116-00
						80.01.20			

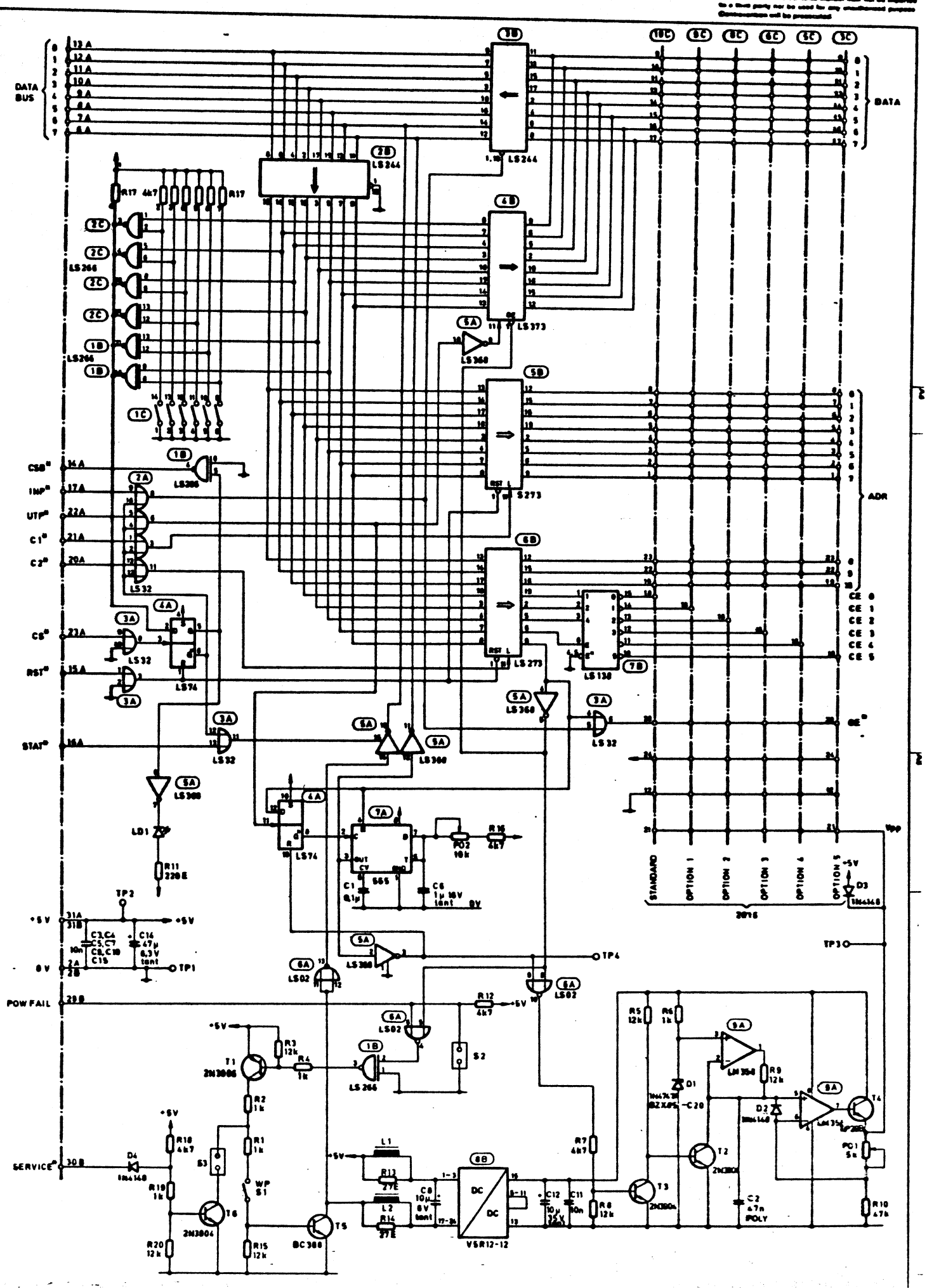
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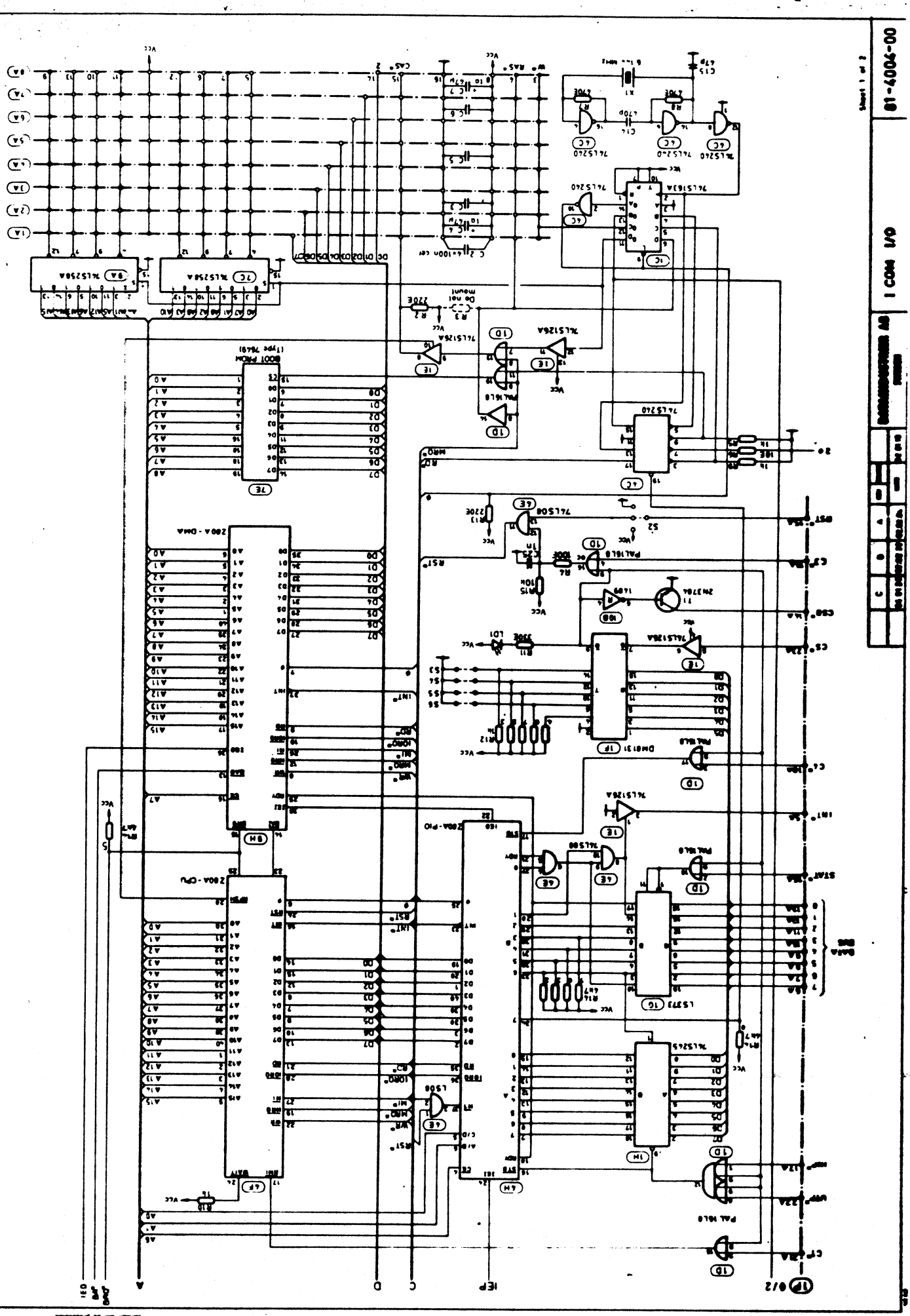


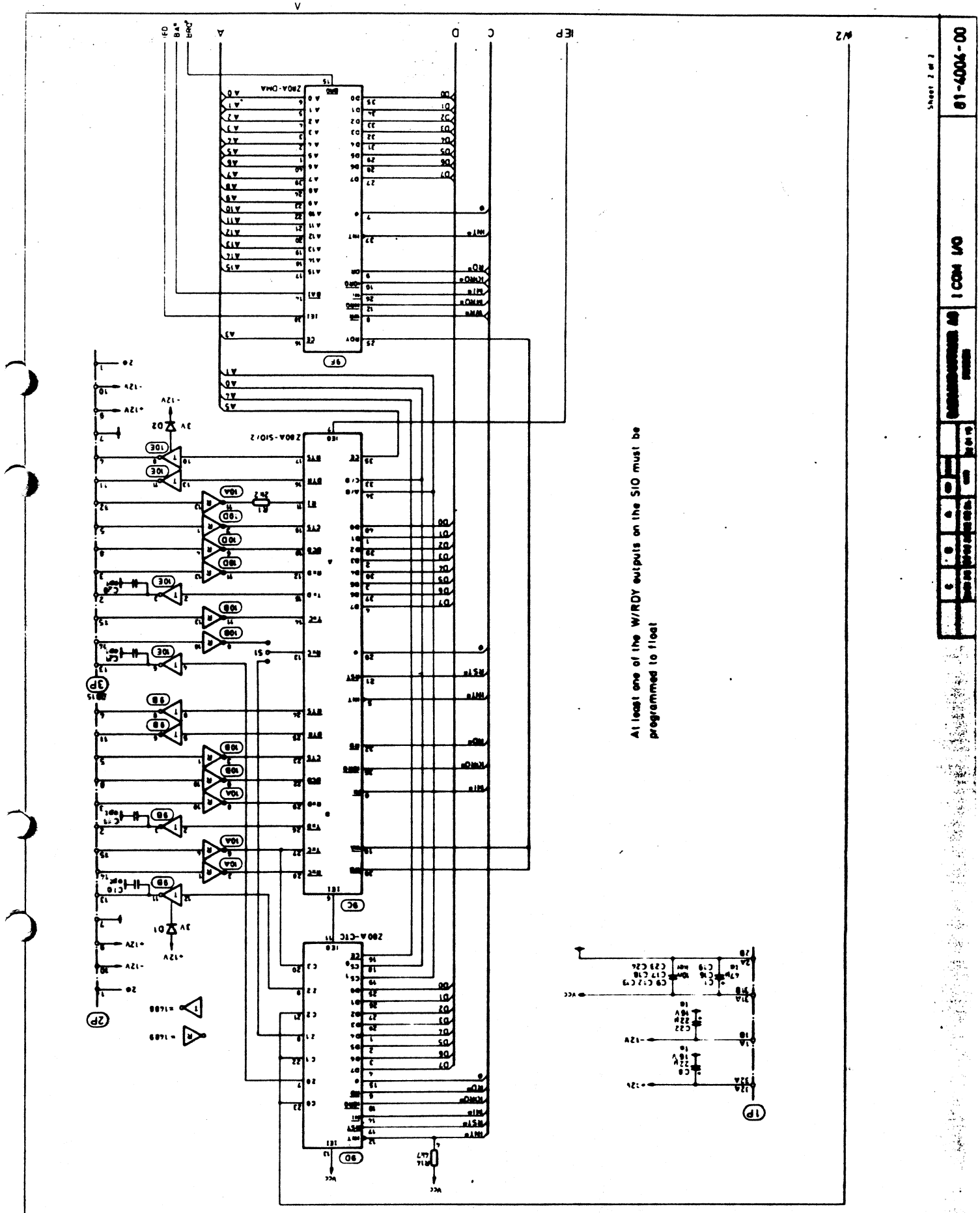

RST*
C4*
INT*
0V
+5V
STAT*
CSB*
UTP*
CS*
DATA BUS
DATA
+5V
74367
74S12
LS240
LS32
LS02
LS266
LS74
LS132
LS107
7406
1N4148

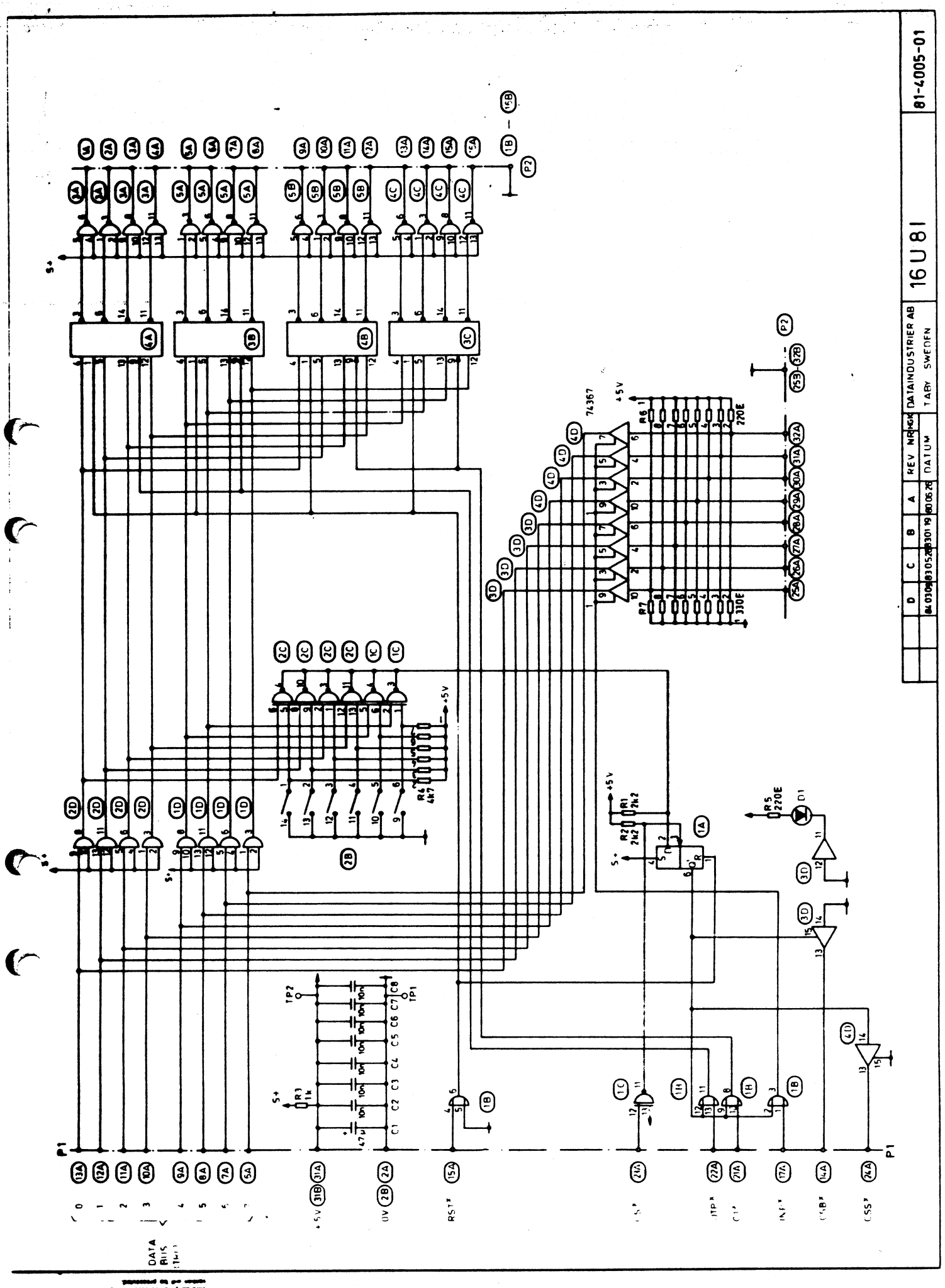
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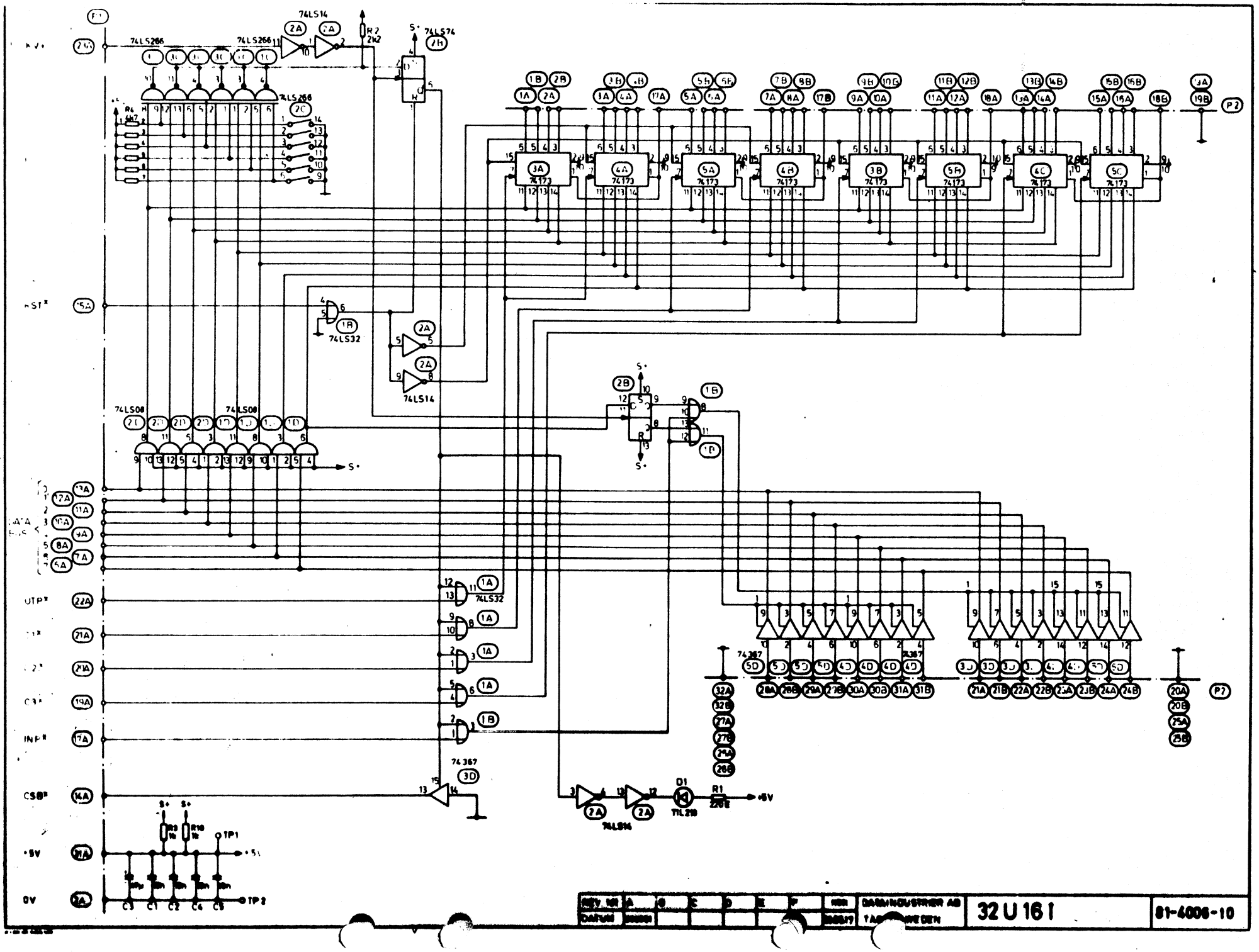
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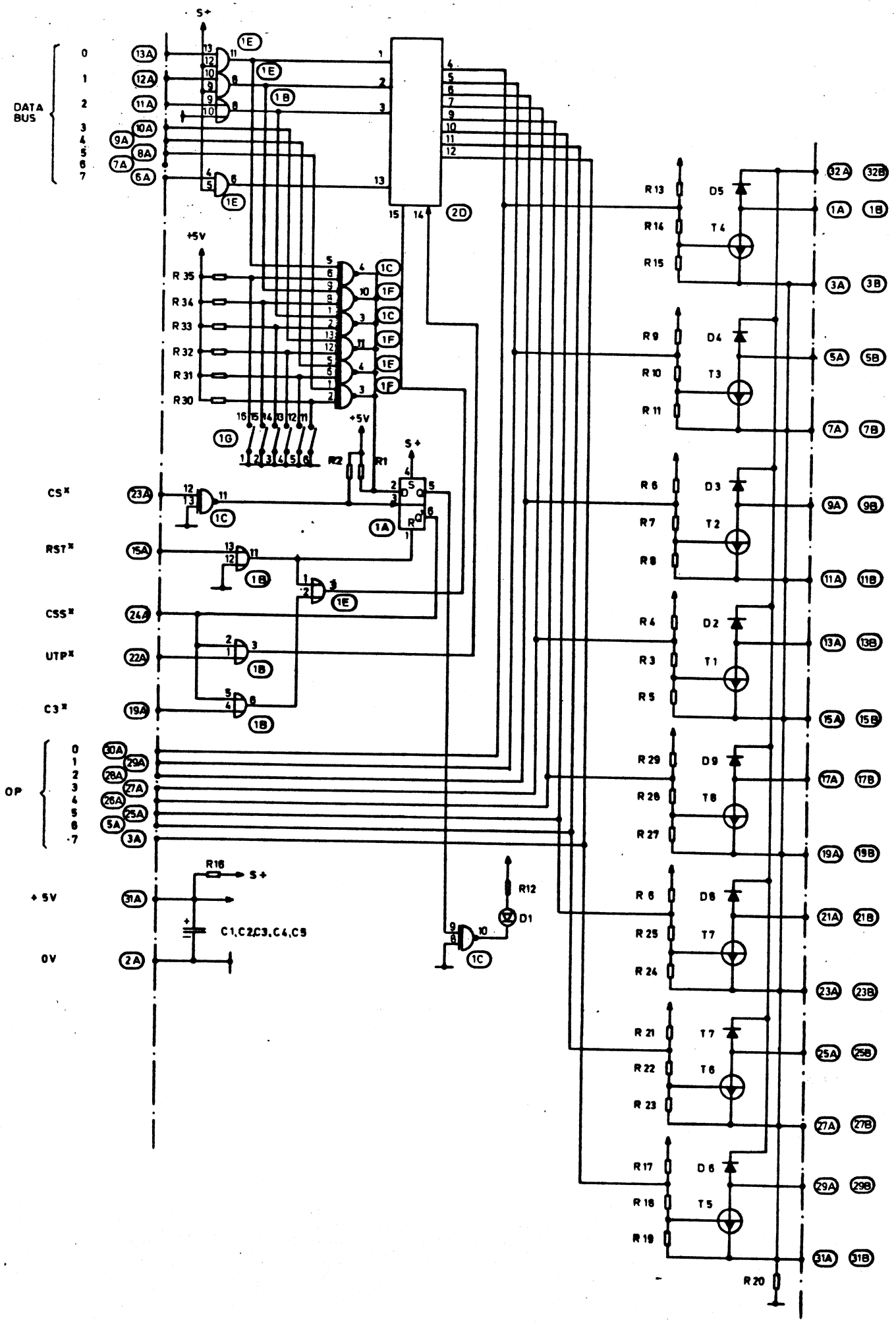




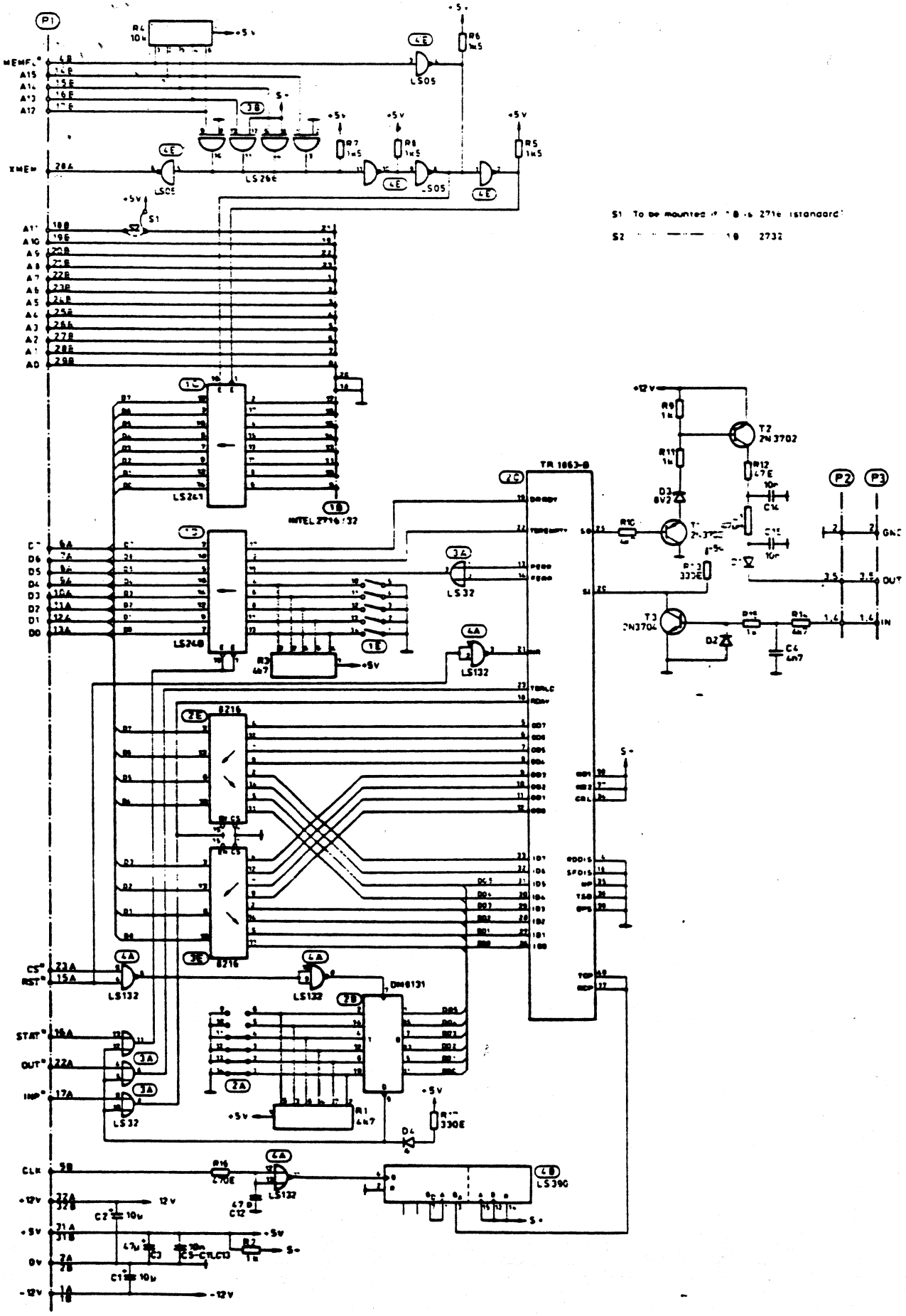

A
D
C
IEP
W2
Z80A-DMA
Z80A-SIO/2
Z80A-CTC
At least one of the W/RDY outputs on the SIO must be programmed to float
Sheet 2 of 2


81-4005-01
16U81
DATAINDUSTRIER AB
TÄBY SWEDEN
REV NR SIGN
DATUM
74367
+5V
R1 2k2
R2 2k2
R3 1k
R4 4k7
R5 220E
R6 220E
R7 330E
D1
TP1
TP2
C1 C2 C3 C4 C5 C6 C7 C8
P1
P2
DATA BUS (TRI)


74LS14
74LS266
74LS74
74LS32
74LS08
74LS86
74LS04
74173
74367
TIL 218
R1
R2 2k2
R3
R10
TP1
TP2
+5V
0V
DATA
INP*
CS8*
32 U 16 I
81-4006-10



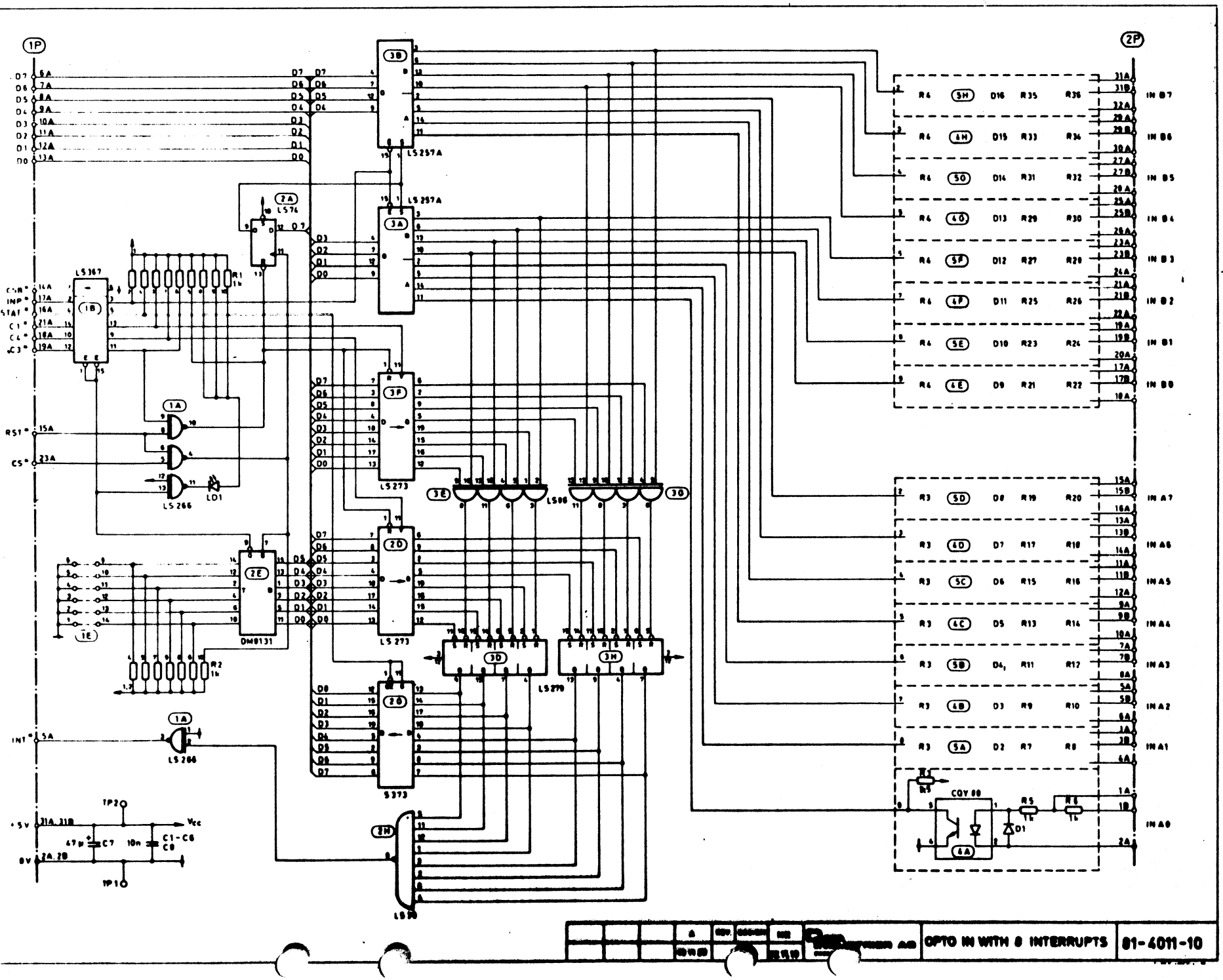
REV NR
DATUM
TABY
DATAINDUSTRIER AB
SWEDEN
U POW
81-4009-00

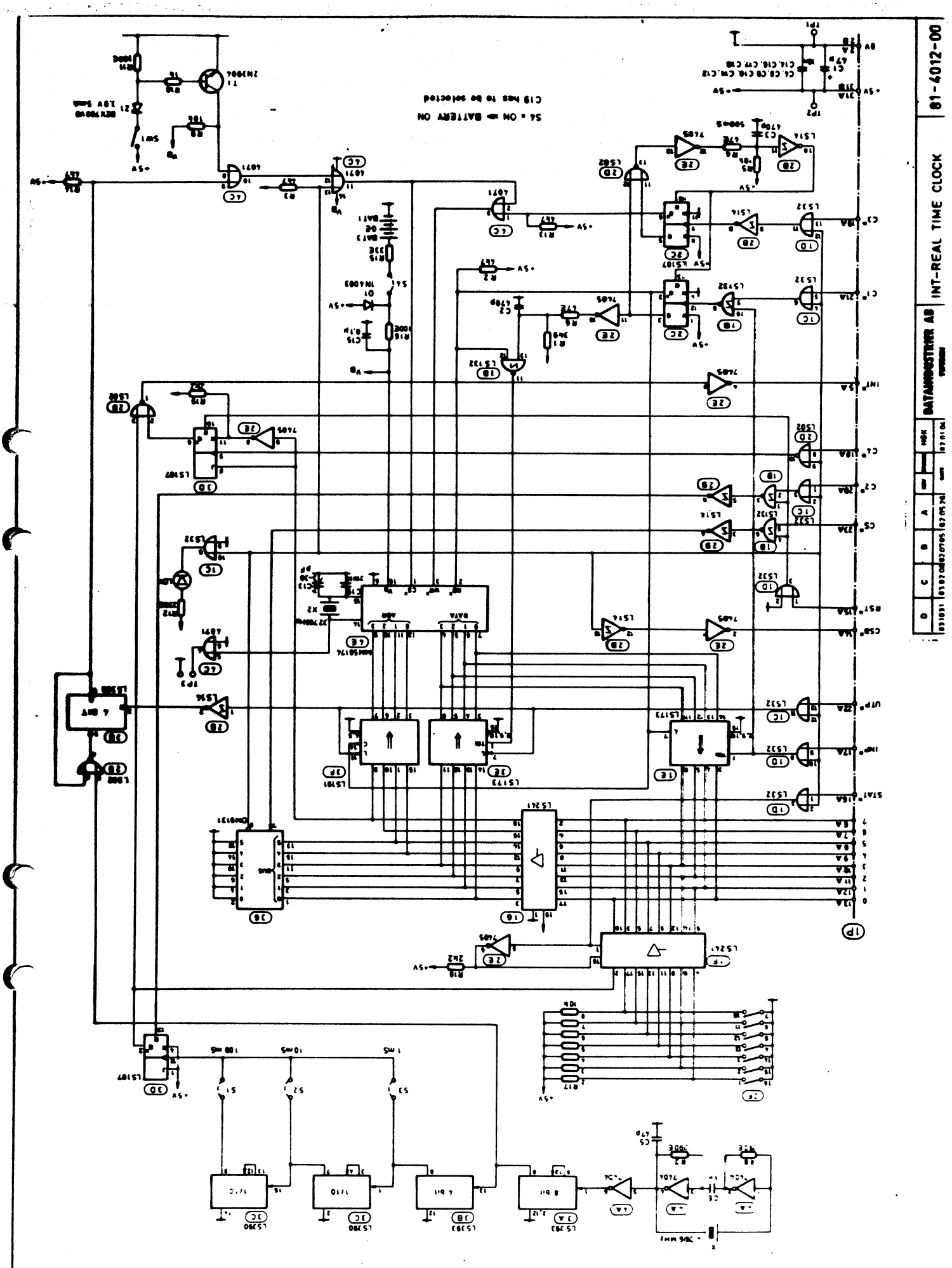


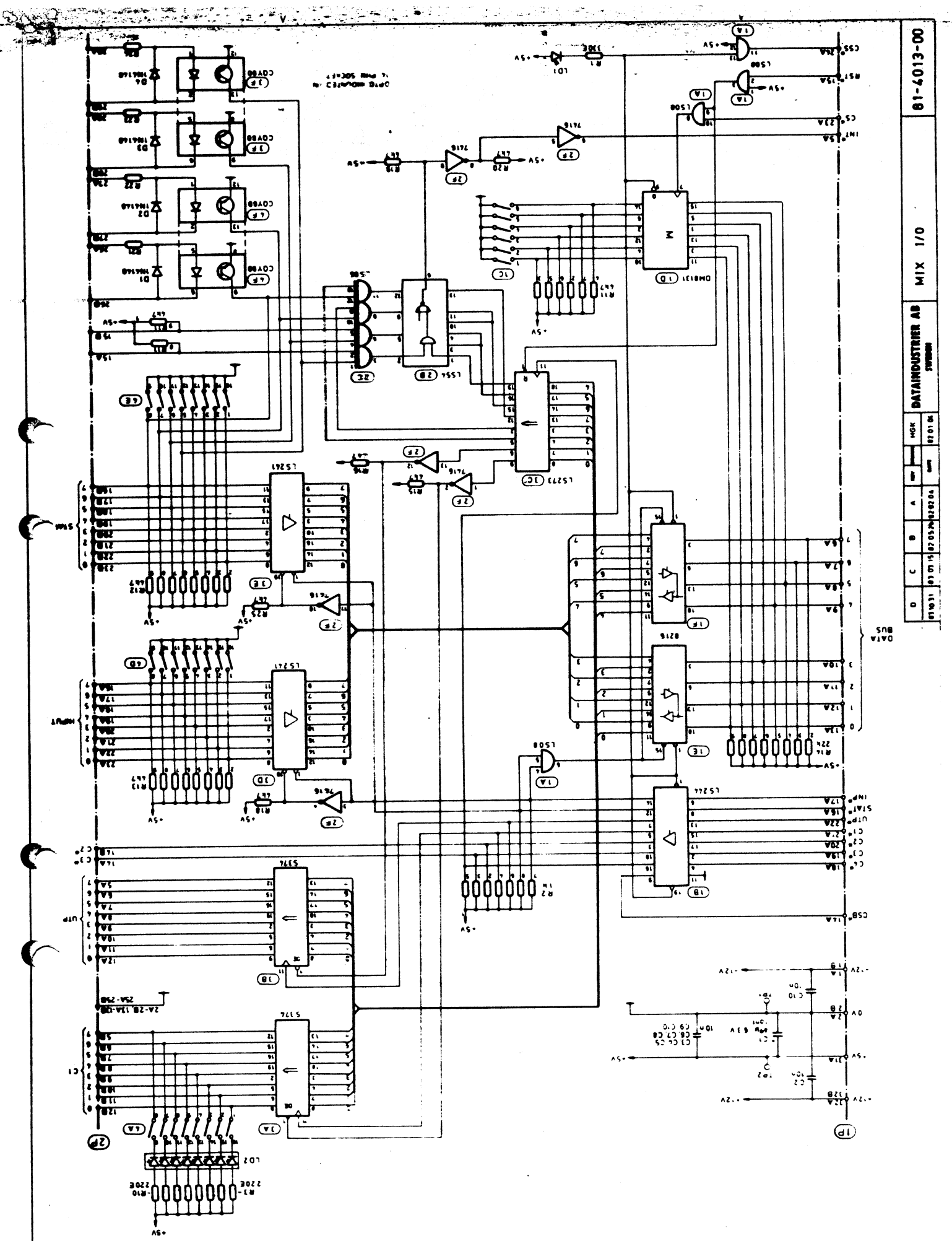
DATAINDUSTRIER AB

ABC NETWORK INTERFACE

81-4010-00

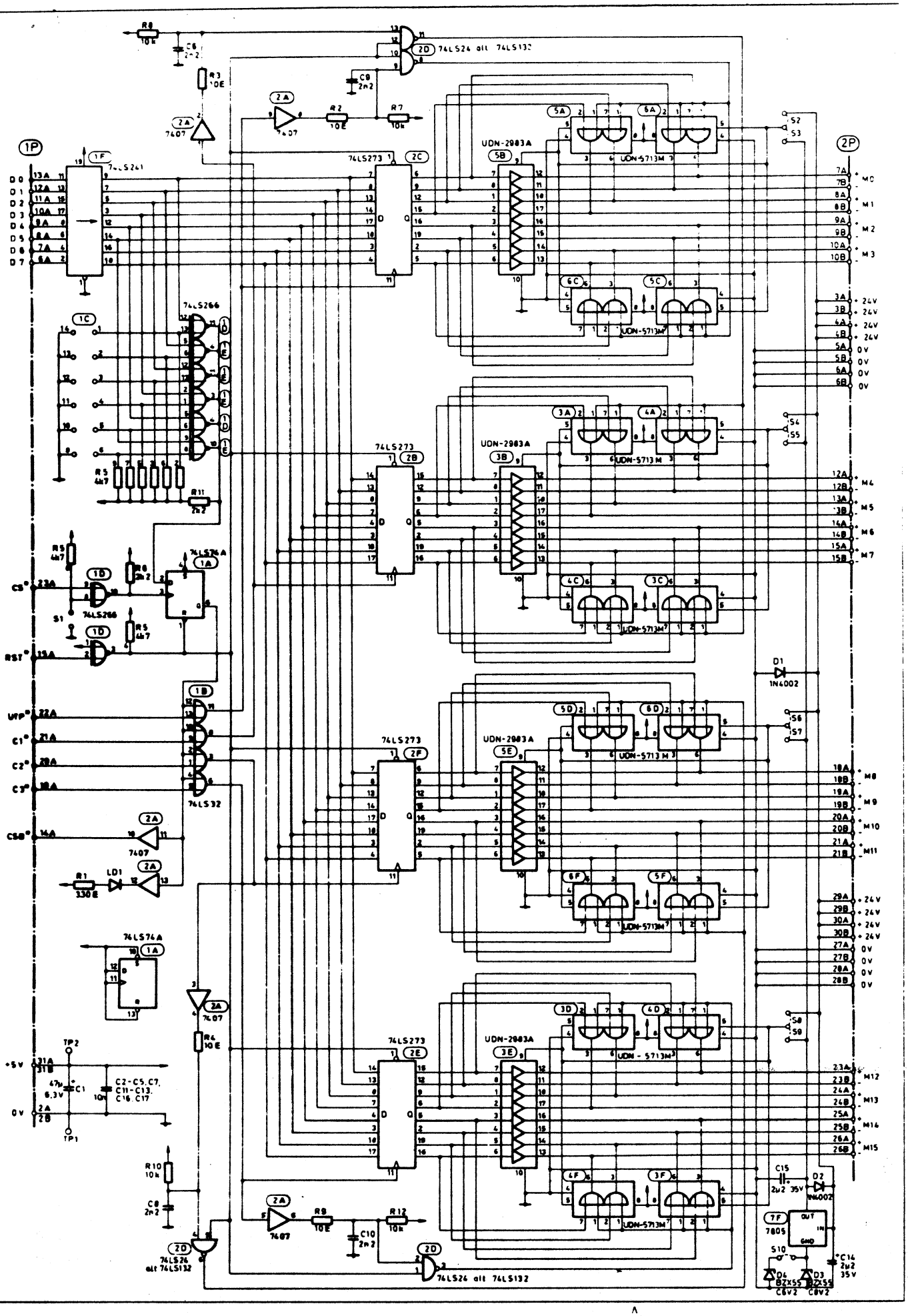

1P
2P
3B
LS 257A
3A
LS 257A
2A
LS74
LS 367
1B
R1
1k
1A
LS 266
LD1
3P
LS 273
3E
LS08
3G
2D
LS 273
2E
DM8131
1E
R2
1k
3D
LS 279
3H
2D
S 373
2H
LS 00
1A
LS 266
TP2
TP1
+5V
0V
47µ C7
10n C8
C1-C6
Vcc
R4 5H D16 R35 R36 IN B7
R4 4H D15 R33 R34 IN B6
R4 5G D14 R31 R32 IN B5
R4 4G D13 R29 R30 IN B4
R4 5F D12 R27 R28 IN B3
R4 4F D11 R25 R26 IN B2
R4 5E D10 R23 R24 IN B1
R4 4E D9 R21 R22 IN B0
R3 5D D8 R19 R20 IN A7
R3 4D D7 R17 R18 IN A6
R3 5C D6 R15 R16 IN A5
R3 4C D5 R13 R14 IN A4
R3 5B D4, R11 R12 IN A3
R3 4B D3 R9 R10 IN A2
R3 5A D2 R7 R8 IN A1
R5
R6
D1
COY 88
4A
IN A0
OPTO IN WITH 8 INTERRUPTS
81-4011-10

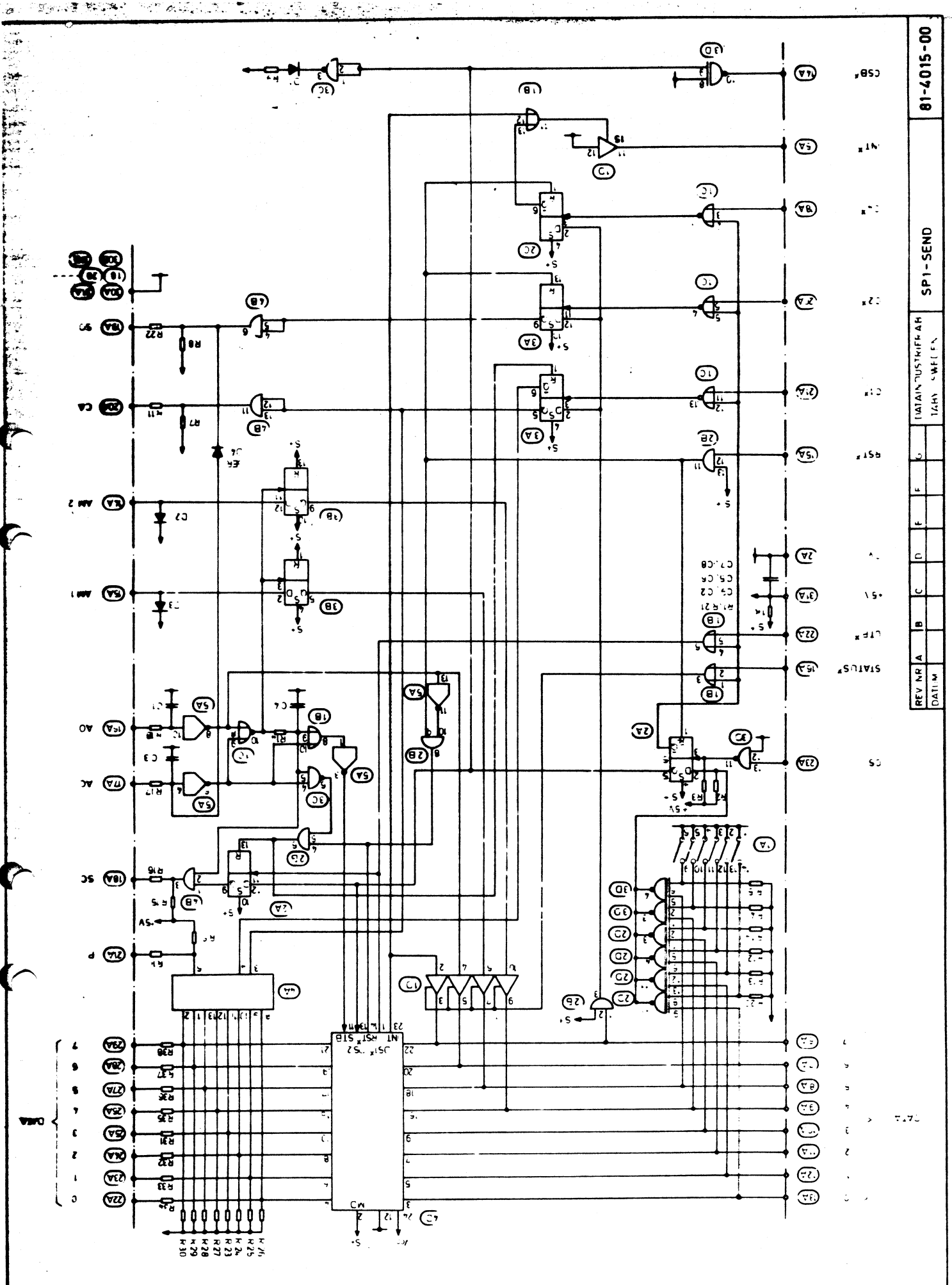

81-4012-00
INT-REAL TIME CLOCK
BATAVIADATA AB
S4 = ON ⇒ BATTERY ON
C19 has to be selected



									81-4013-00
									MIX I/O
									DATAINDUSTRIER AB
D	C	B	A					HGK	
81 10 31	83 05 15	82 05 26	82 02 04					82 01 06	

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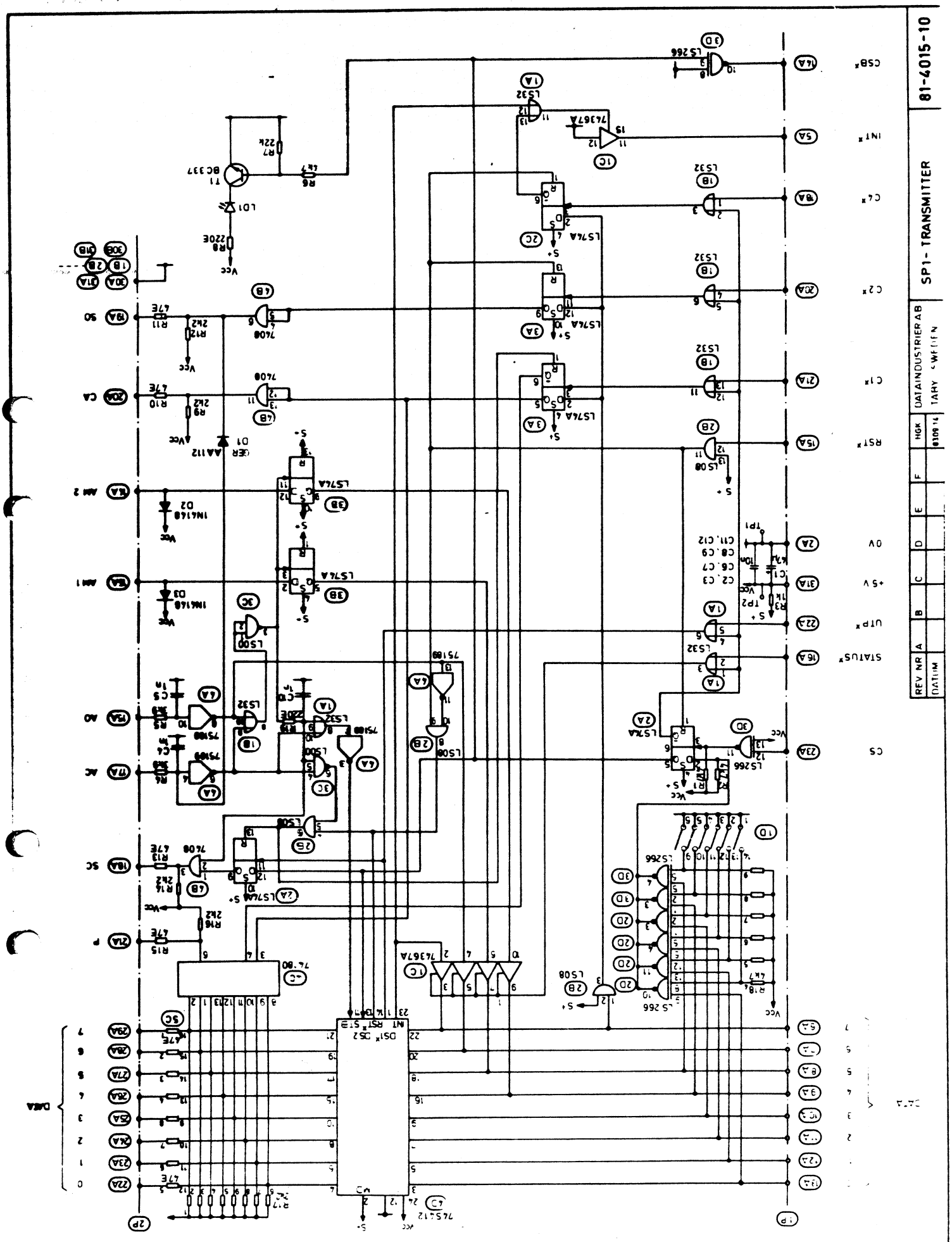


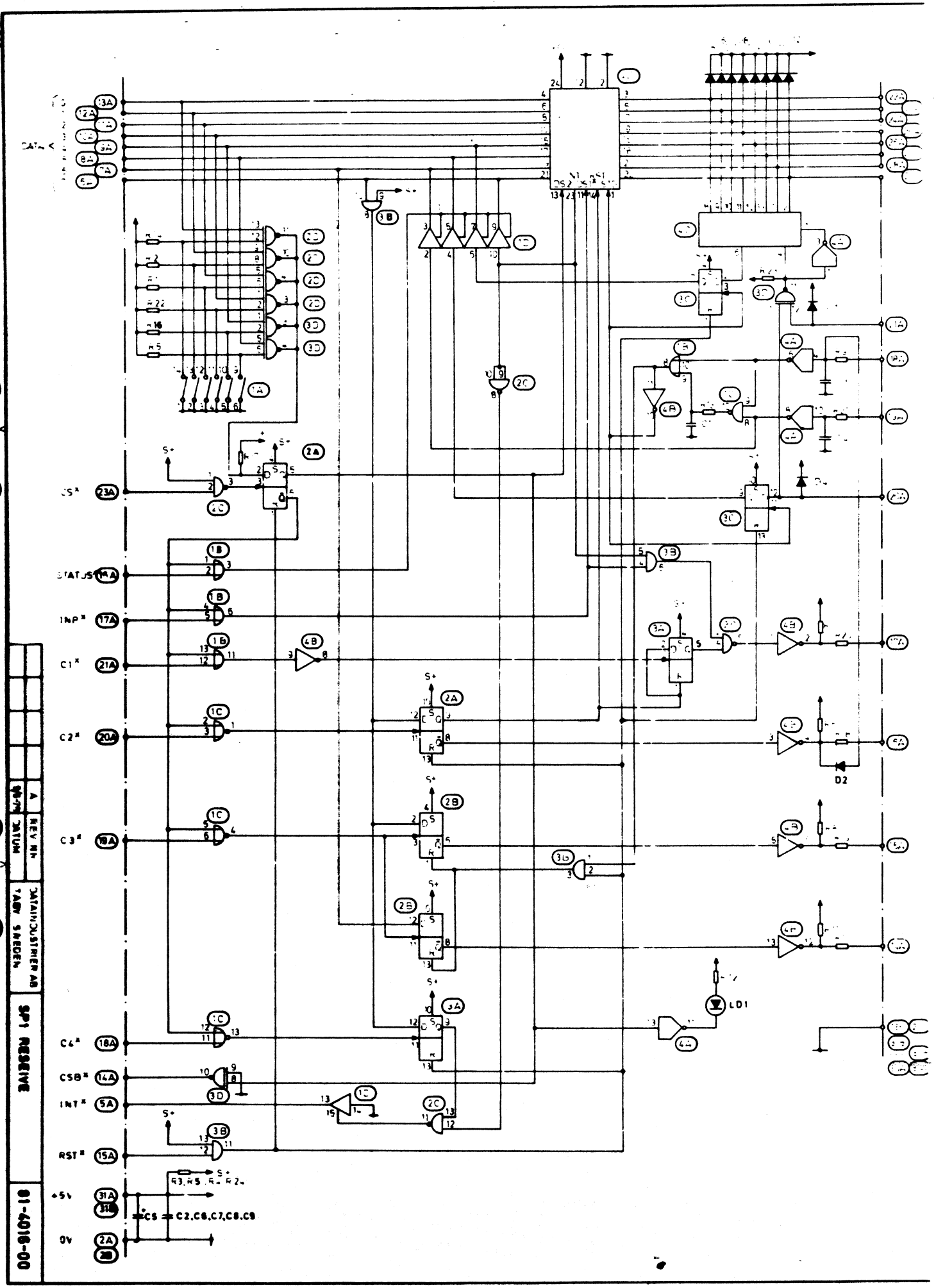


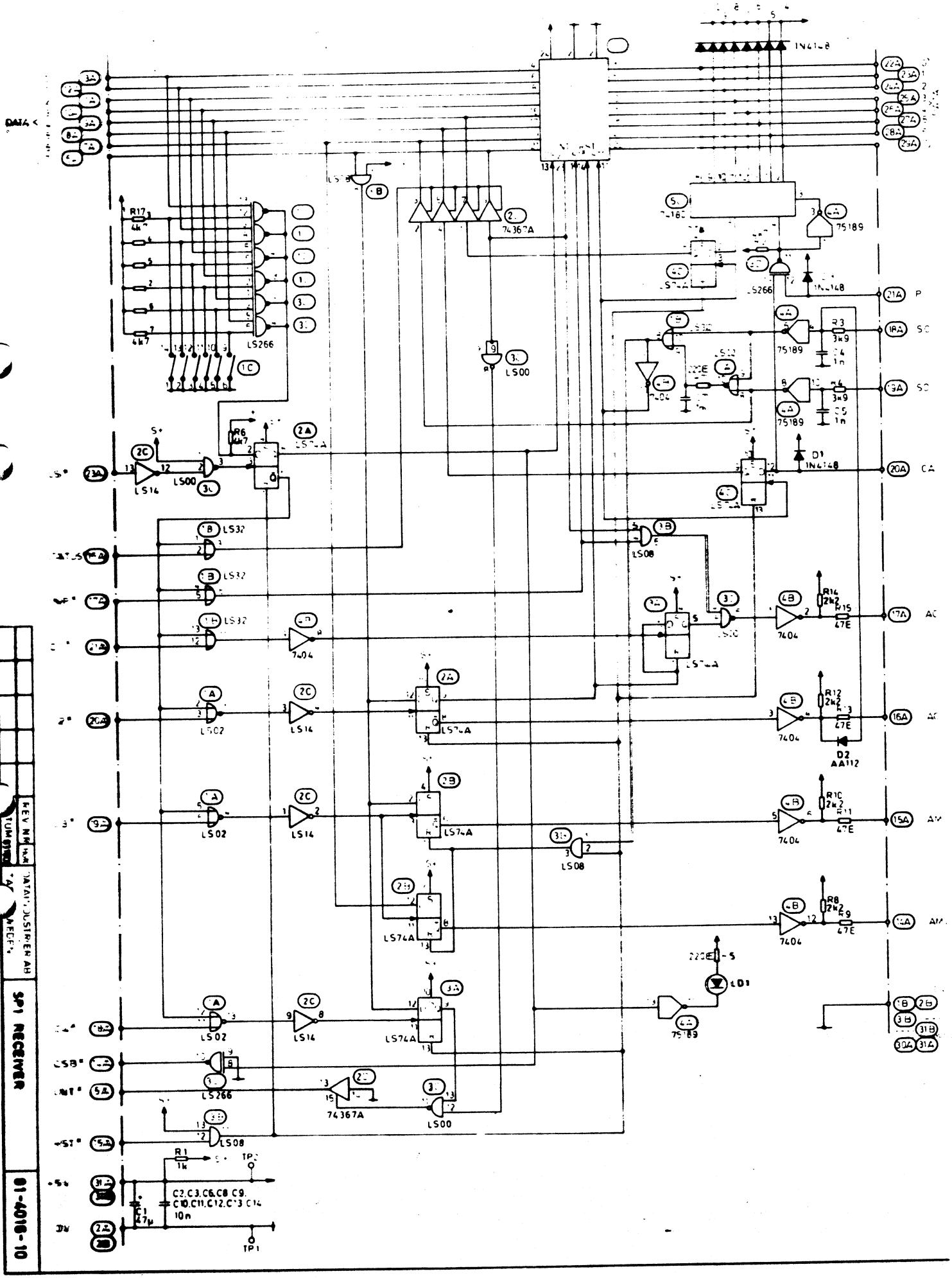
REV NR	A	B	C	D	E	F	G
DATUM							

81-4015-00

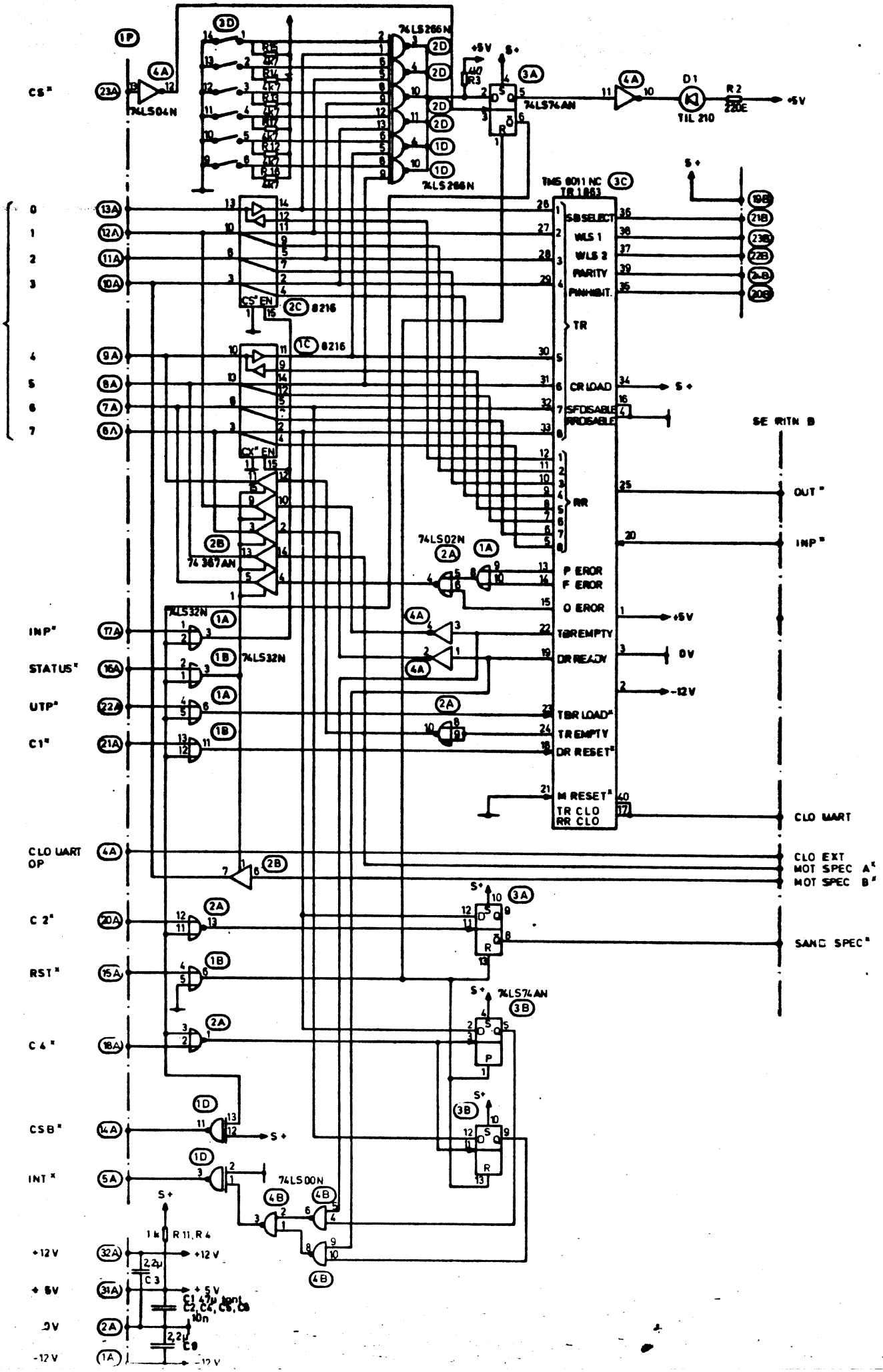
SP1-SEND


81-4015-10
SP1- TRANSMITTER
DATAINDUSTRIER AB
TÄBY SWEDEN
REV NR
DATUM
CSB*
INT*
C4*
C2*
C1*
RST*
0V
+5V
UP*
STATUS*
CS
SO
CA
AM 2
AM 1
AO
AC
SC
P
DATA
DS1* DS2
INT RST* STB*
74367A
74LS42
74.80
75188
75189
LS00
LS08
LS32
LS74A
LS266
7408
1N4148
AA112
BC337
Vcc


SPI RESERVE
01-4018-00
DATAINSTRUMENT AB
REV NR
DATUM
A
D2
LD1
CS = C2,C6,C7,C8,C9
+5V
0V


SP1 RECEIVER
81-4016-10
DATA
IN4148
74367A
LS266
LS00
LS08
LS32
LS02
LS14
LS74A
75189
7404
R1
1k
C1
4.7µ
C2,C3,C6,C8 C9,
C10,C11,C12,C13 C14
10n
TP1
TP2
LD1
D1
D2
AA112

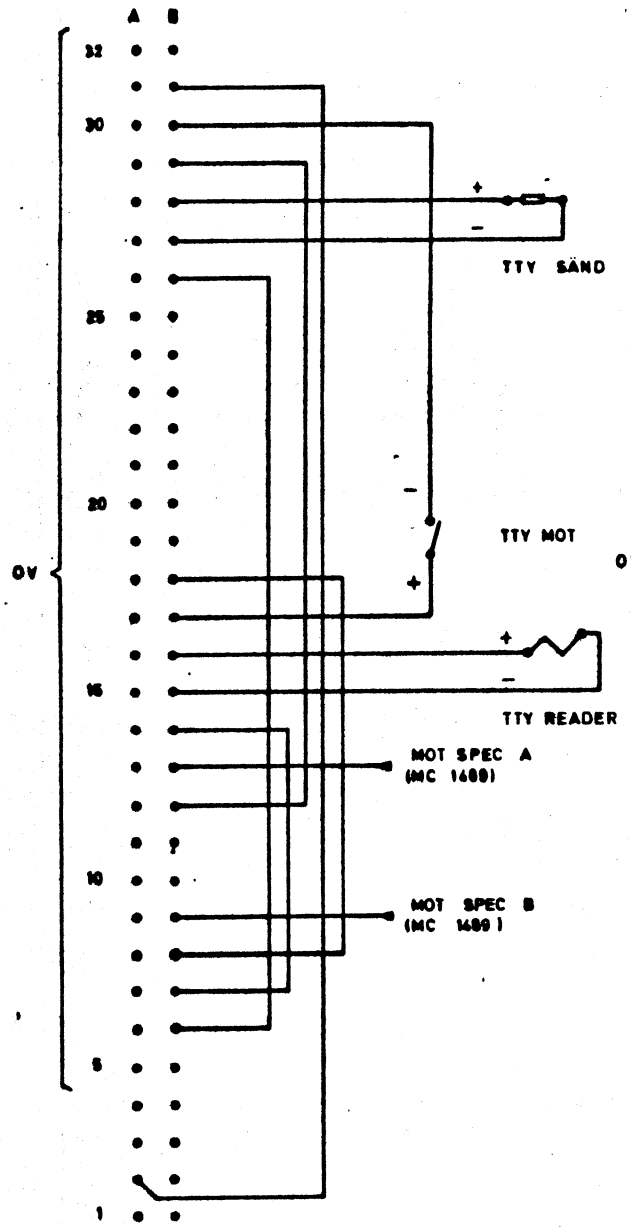
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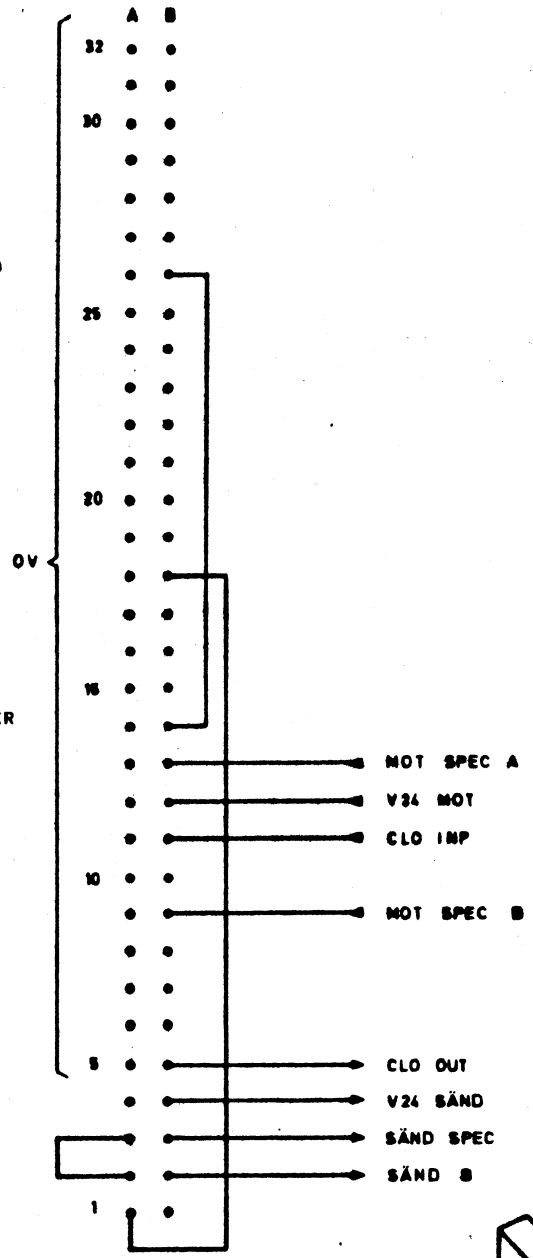
REV. NR			
DATUM			
DATAINDUSTRERAB			
TABY	SWEDEN		
UART-A			
81-4017-00			

Sheet 1 of 3

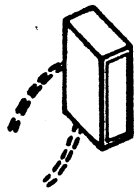
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20 mA CURRENT LOOP

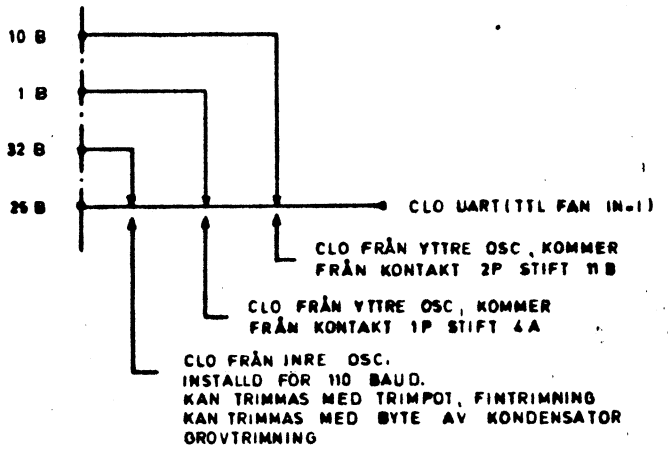


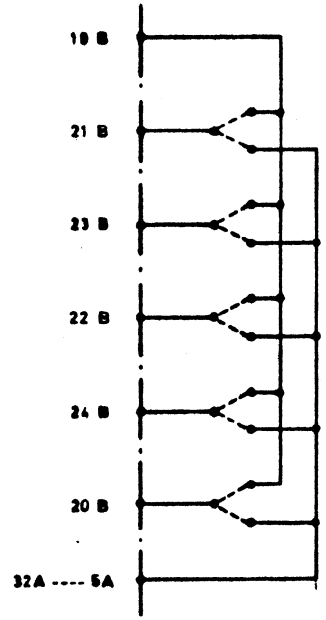
V 24 /RS 232



2x32 POL
HONA

BYGLINGSALTERNATIV FOR CLO





S+ = TVÅ STOPPBITAR
0V = EN

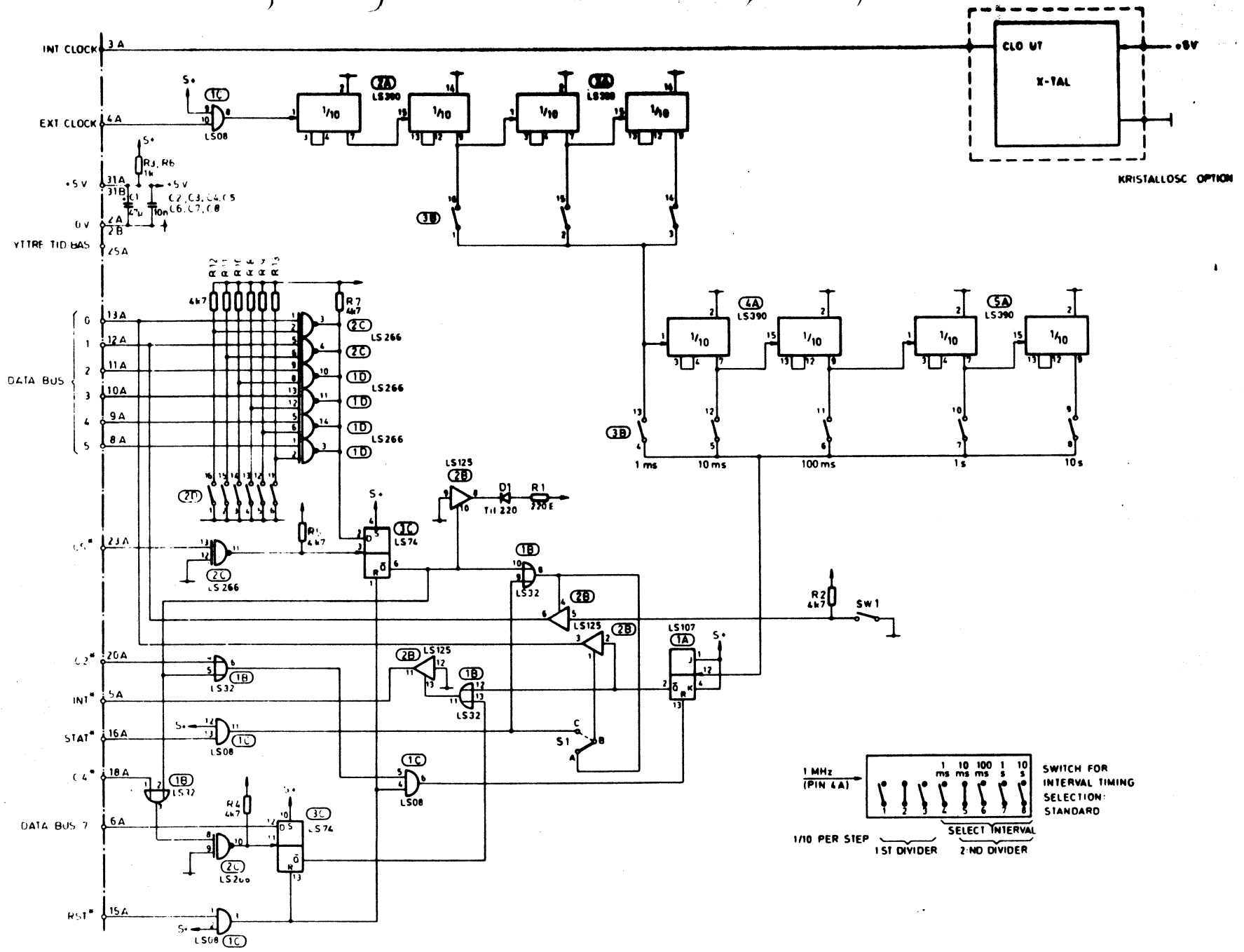
WORD LENGTH	WLS 1	WLS. 2
5	0V	0V
6	S+	0V
7	0V	S+
8	S+	S+

S + = EVEN PARITY
0 V = ODD PARITY

S + = INGEN GENER CHECKED
0 V = GENERERAS OCH CHECKED

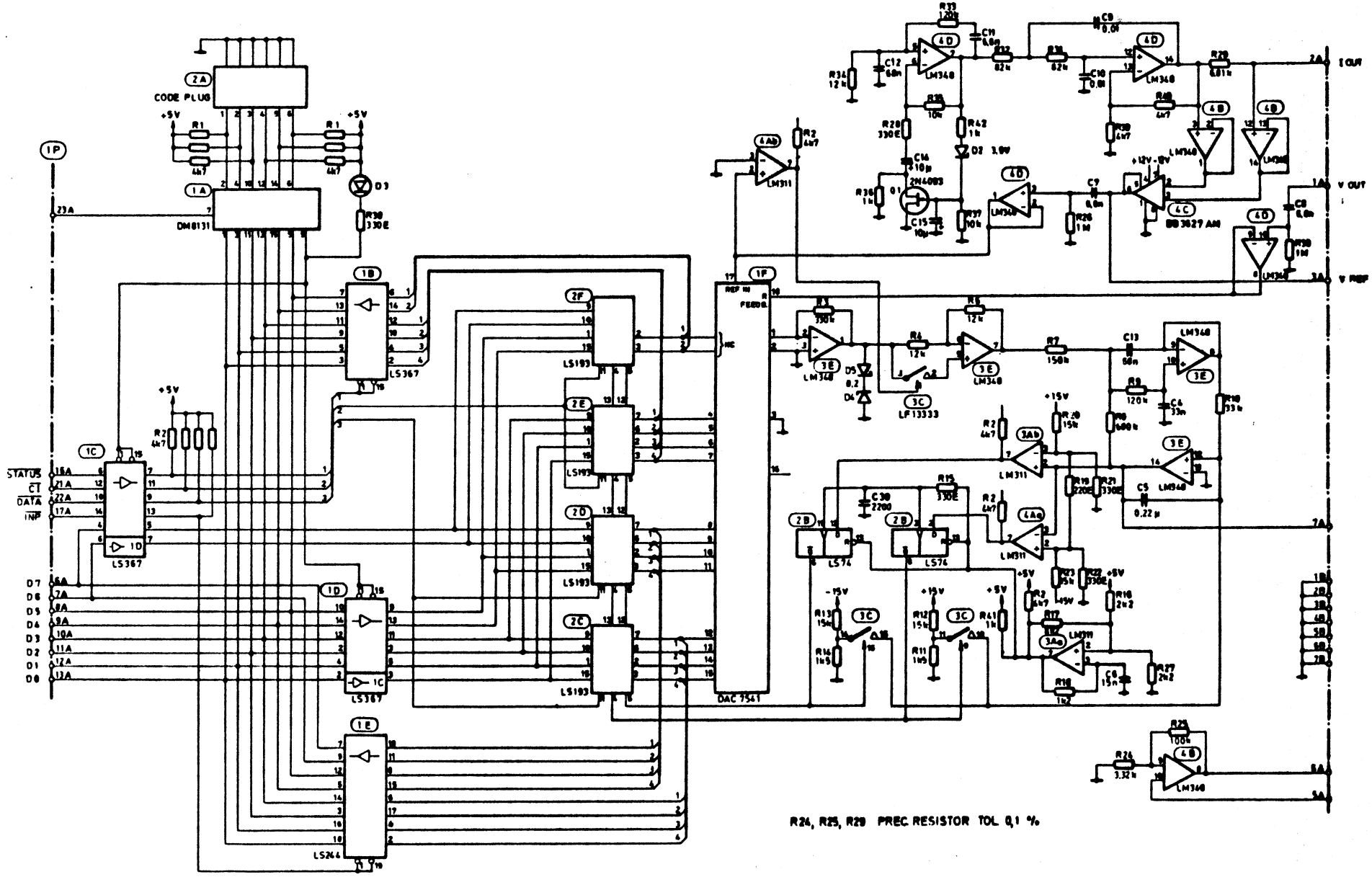
BYGLINGSALTERNATIV FOR TECKENGENERERING

REV NR	DATAINDUSTRIERAB	PINNING UART	81-4017-00
DATUM	TÄBY SWEDEN		

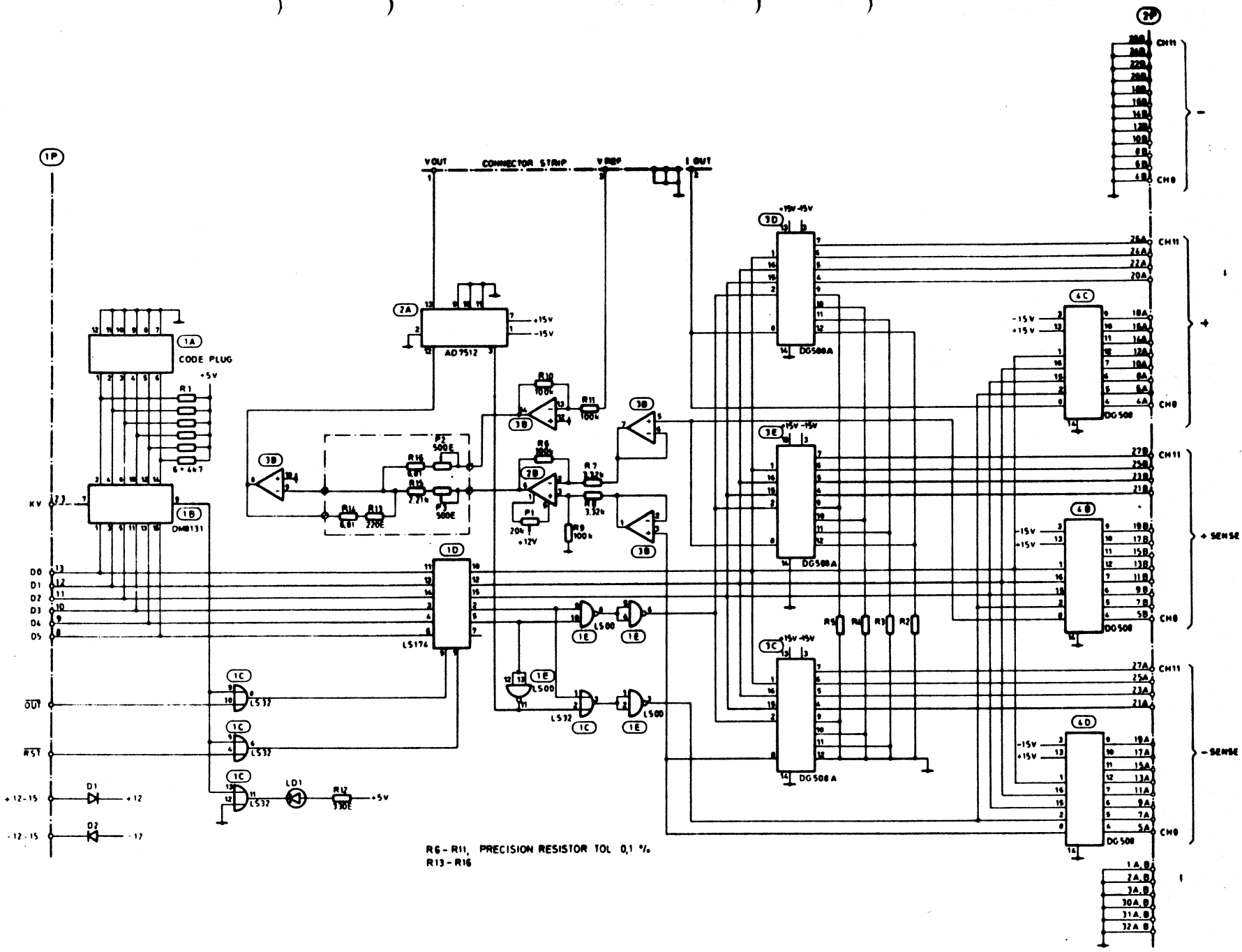


			A			DATAINDUSTRIER AB SWEDEN	INTERVAL CLOCK	81-4018-00
			82 10 22	date	810722			

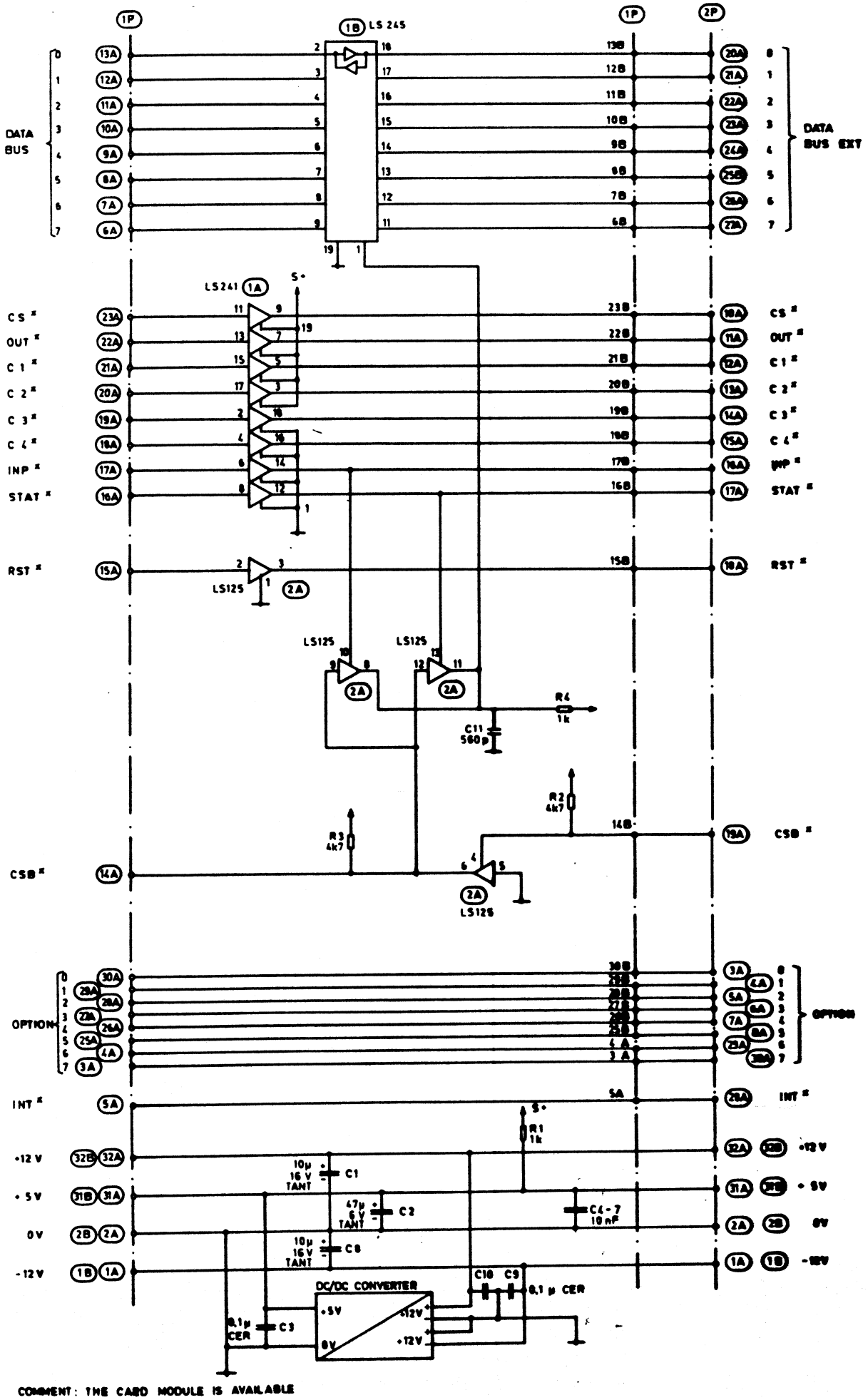
Oct 1983 02


CODE PLUG
DM8131
LS367
LS193
LS244
LS74
DAC 7541
LM348
LM311
LP13333
BB 3627 AM
I OUT
V OUT
V REF
STATUS
CT
DATA
INF
D7
D6
D5
D4
D3
D2
D1
D0
R24, R25, R29 PREC RESISTOR TOL 0,1 %

| | | |

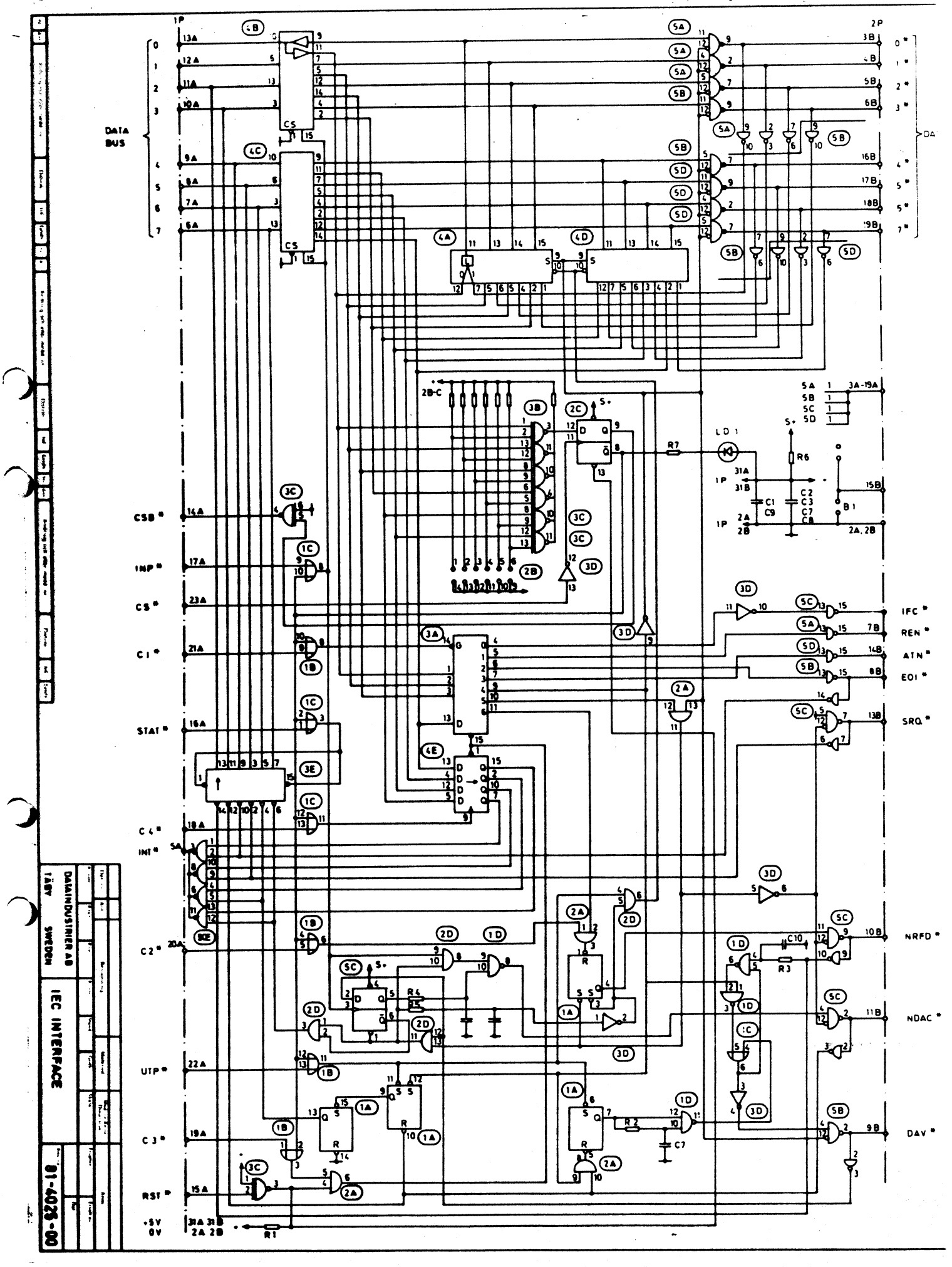


			A			POL	PT 100 MUX	81-4022-00
			84 05 11			87 08 04		

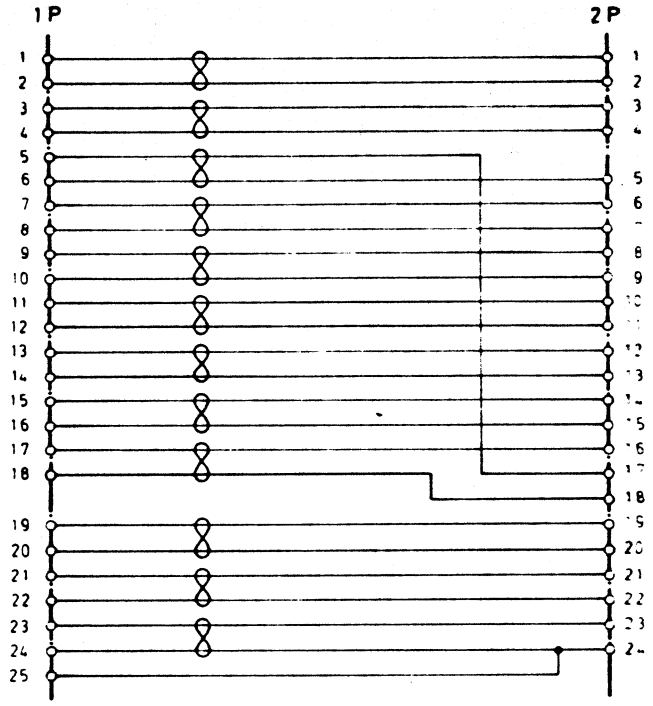


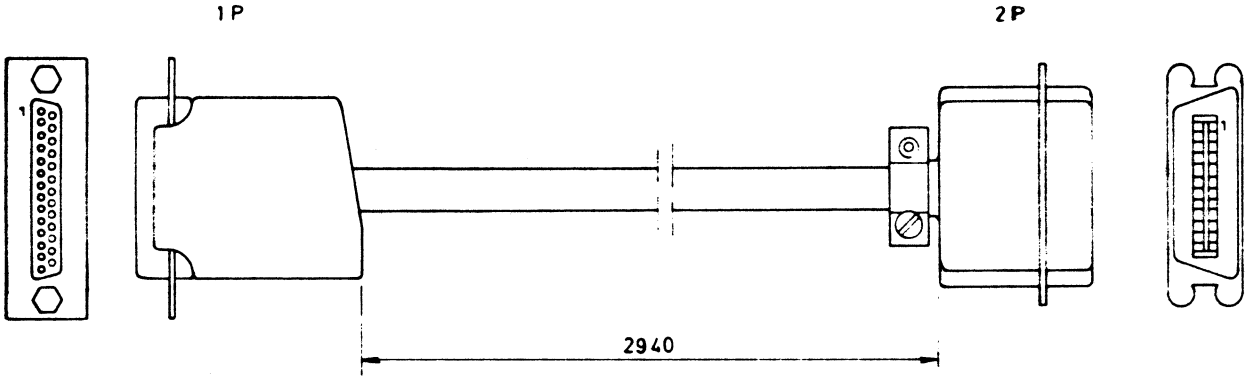
COMMENT: THE CARD MODULE IS AVAILABLE AS BUS EXPANDER AND/OR 12V SUPPLY

D							
C							
B							
REV NR	HÖK	DATAINDUSTRIER AB					
DATUM	82.12.06	TÄBY SWEDEN	BUS EXP				
8301 09	82 10 07	79 03					81-4023-00


DATA BUS
0
1
2
3
4
5
6
7
1P
2P
CS
CS
CSB *
INP *
CS *
C1 *
STAT *
C4 *
INT *
C2 *
UTP *
C3 *
RST *
+5V
0V
IFC *
REN *
ATN *
EOI *
SRQ *
NRFD *
NDAC *
DAV *
LD 1
R1
R2
R3
R4
R6
R7
C1
C2
C3
C7
C9
C10
B1
DATAINDUSTRIER AB
TÄBY SWEDEN
IEC INTERFACE
01-4024-00

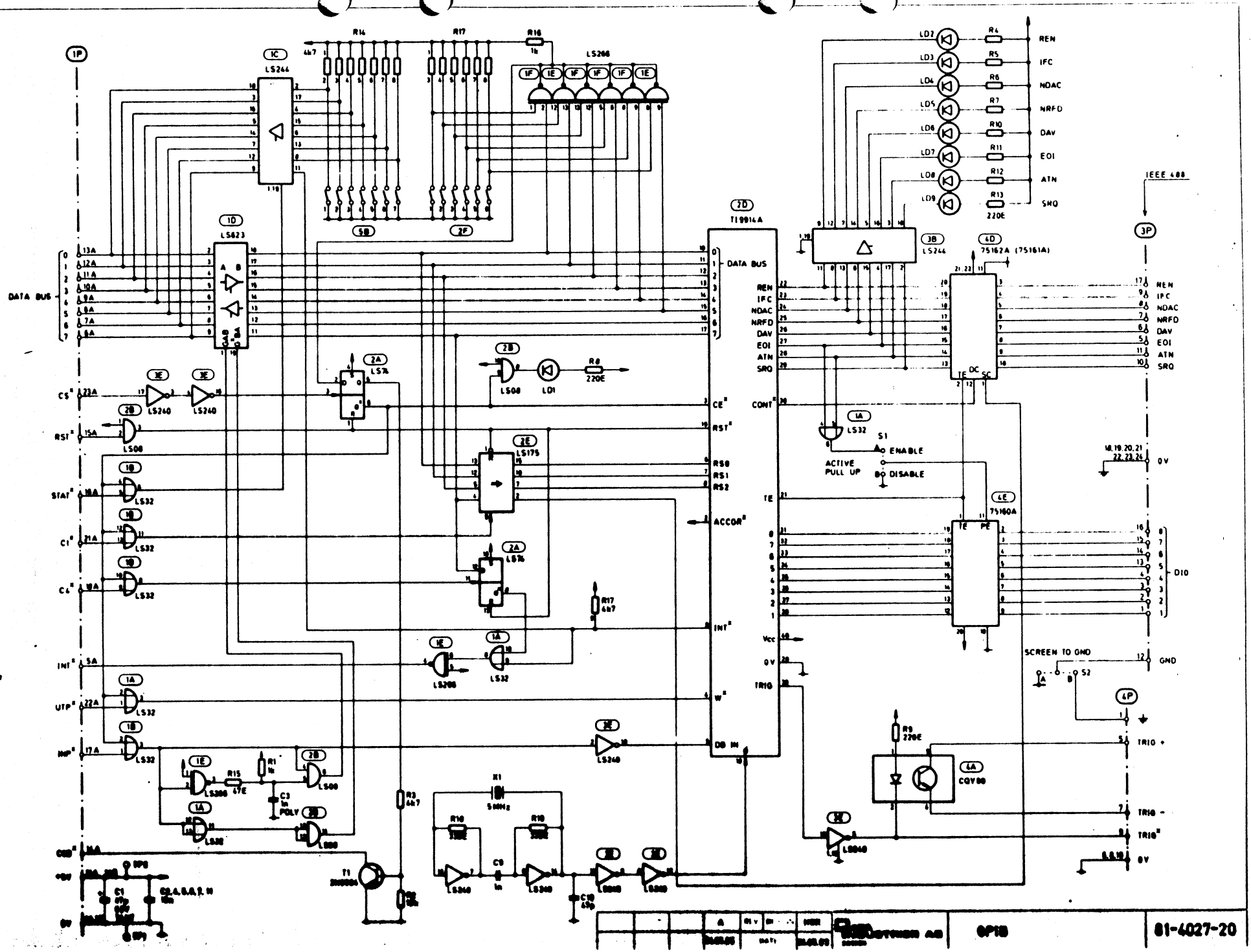
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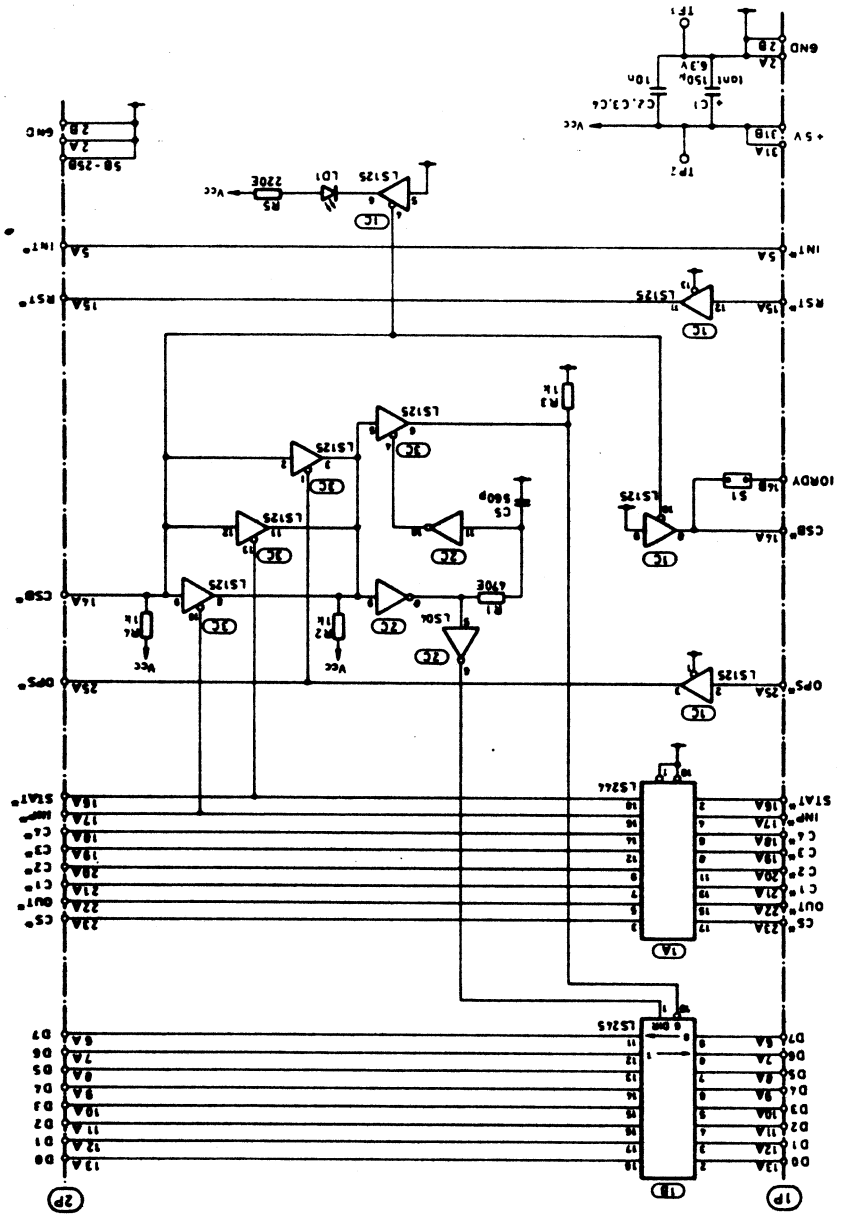




Pos	Pcs	Length mm	Art No	Name	Specification Notes
	1	2980		Kabel	FKKX 15 × 2 × 0.22
	1			Skruvsats	205980-1 AMP
	1			Kåpa	205718-1 AMP
2P	1			Kontakt	Amphenol 57-30240
1P	1			Kontakt	DB 25 S AMP

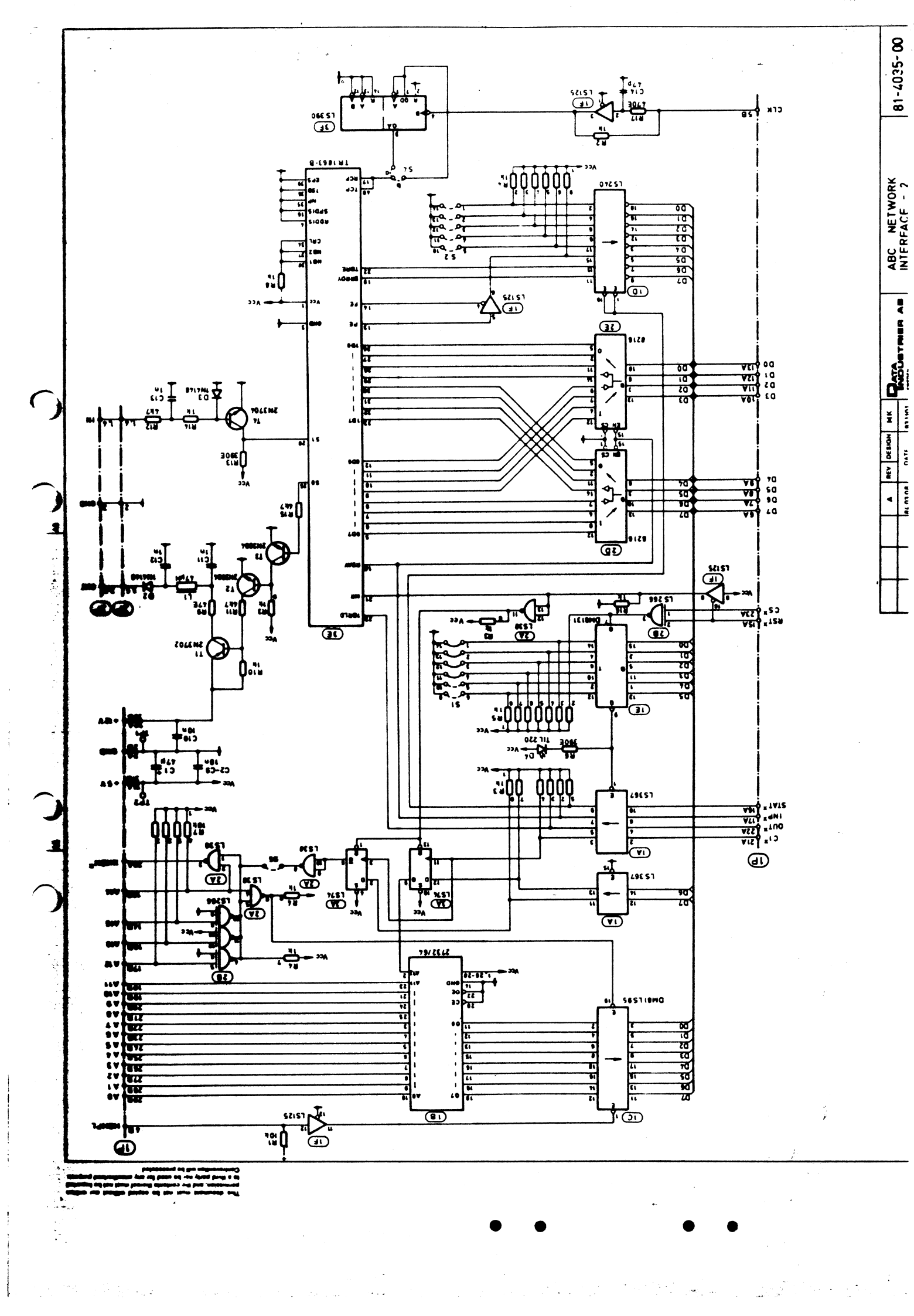
81-6403-00	REV MB/GL	DATA INDUSTRIER AB SWEDEN	IEC 625 – IEEE 488
	840222		81-6403-00


DATA BUS
LS244
LS623
LS266
TI 9914A
DATA BUS
REN
IFC
NDAC
NRFD
DAV
EOI
ATN
SRQ
CONT
CE
RST
RS0
RS1
RS2
ACCOR
INT
W
DB IN
TE
Vcc
0V
TRI0
LS240
LS08
LS32
LS175
LS86
LS266
LS00
LS04
LS244
75162A (75161A)
75160A
S1
ENABLE
DISABLE
ACTIVE PULL UP
IEEE 488
DIO
SCREEN TO GND
GND
S2
TRI0 +
TRI0 -
TRI0"
CQY80
LD1
LD2
LD3
LD4
LD5
LD6
LD7
LD8
LD9
R4
R5
R6
R7
R10
R11
R12
R13
R14
R15
R16
R17
R18
R1
R2
R3
R8
R9
220E
4k7
1k
C1
C3
C8
C9
C10
X1
500kHz
T1
CS"
RST"
STAT"
C1"
C4"
INT"
UTP"
INP"
0V
+5V
81-4027-20



			81-4030-00
		BUS EXPANDER 4 MHz	
	DATA INDUSTRIER AB		
REV	DIVISION 62/66		
	DATE 810921		

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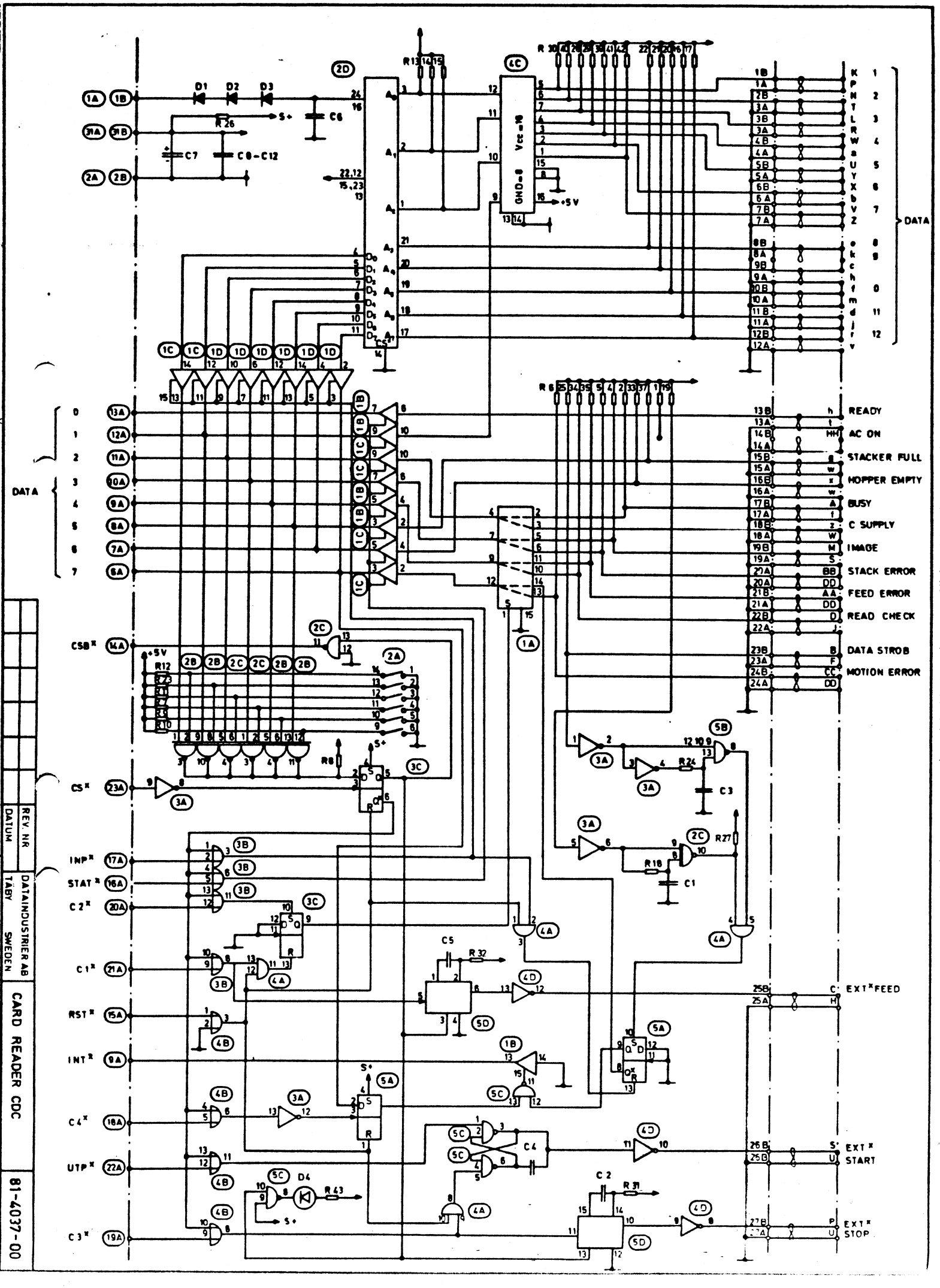
81-4035-00

ABC NETWORK
INTERFACE - 2

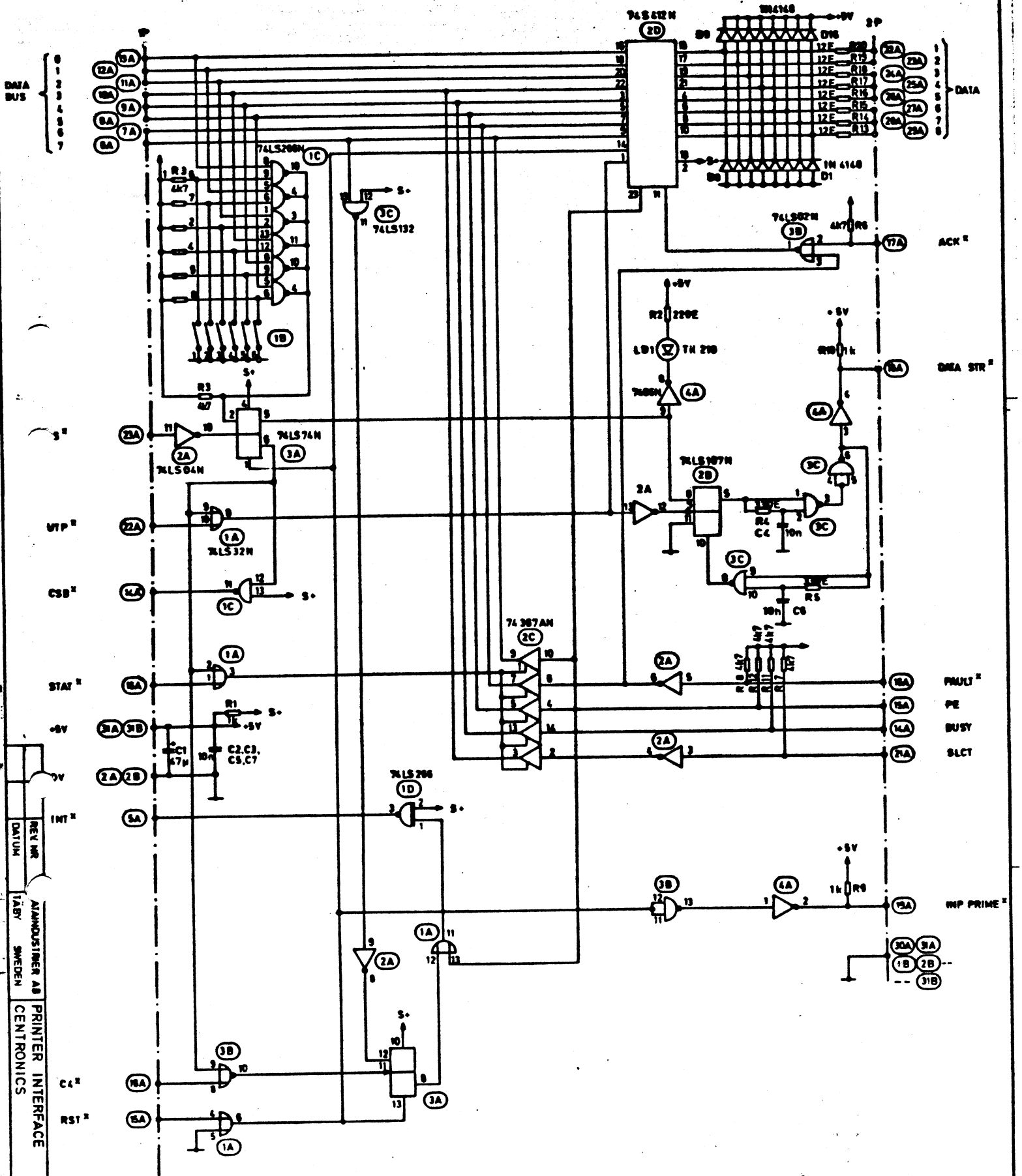
DATA INDUSTRIER AB

		A	REV	MK
			DESIGN	
			DATE	

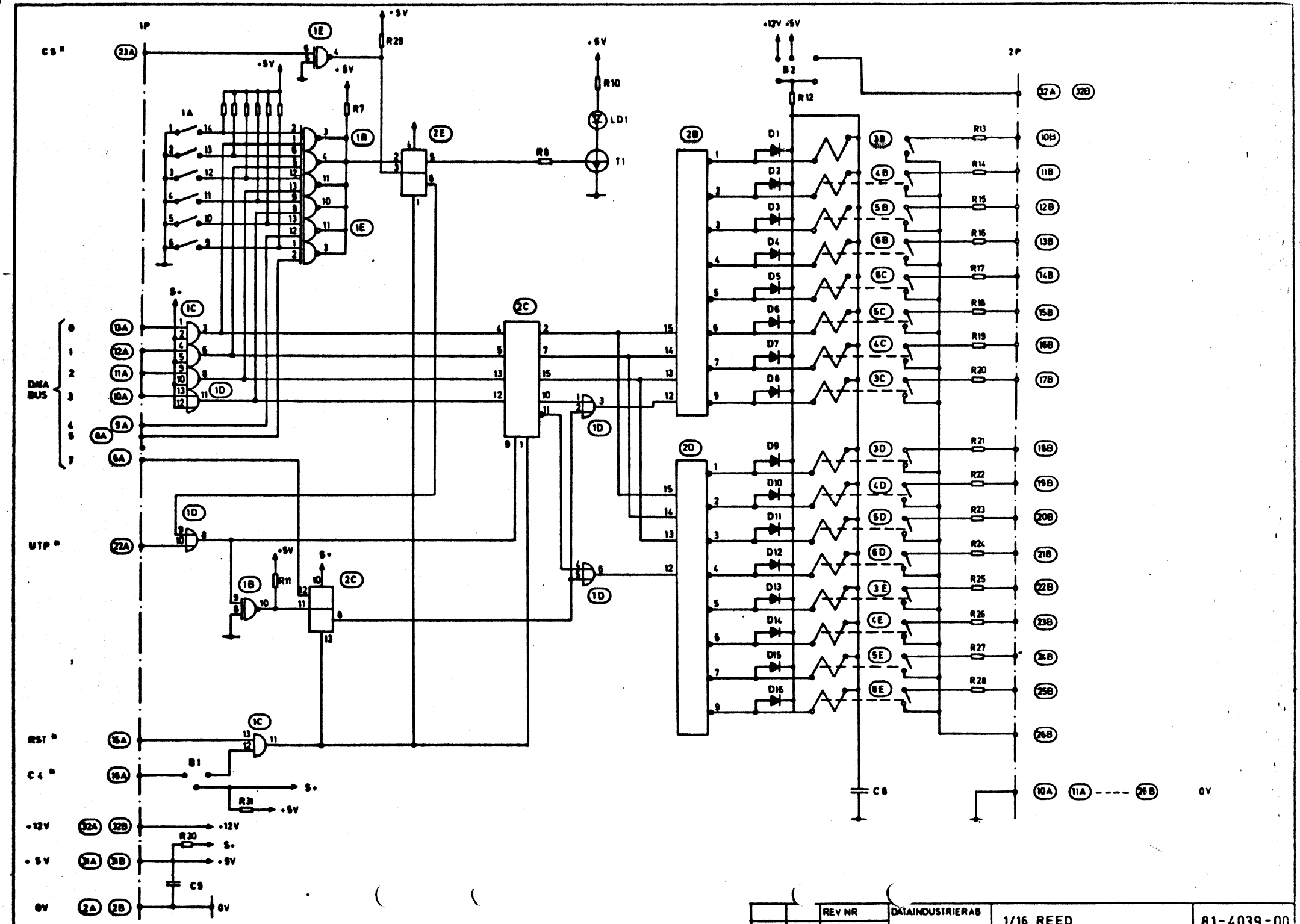
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DATA
READY
AC ON
STACKER FULL
HOPPER EMPTY
BUSY
C SUPPLY
IMAGE
STACK ERROR
FEED ERROR
READ CHECK
DATA STROB
MOTION ERROR
EXT FEED
EXT START
EXT STOP
CSB
CS
INP
STAT
C2
C1
RST
INT
C4
UTP
C3
D1
D2
D3
D4
C6
C7
C8-C12
R26
R43
R32
R31
R27
R24
R18
C5
C4
C2
C3
+5V
S+
CARD READER CDC
81-4037-00
DATAINDUSTRIER AB
TÄBY SWEDEN
REV. NR
DATUM

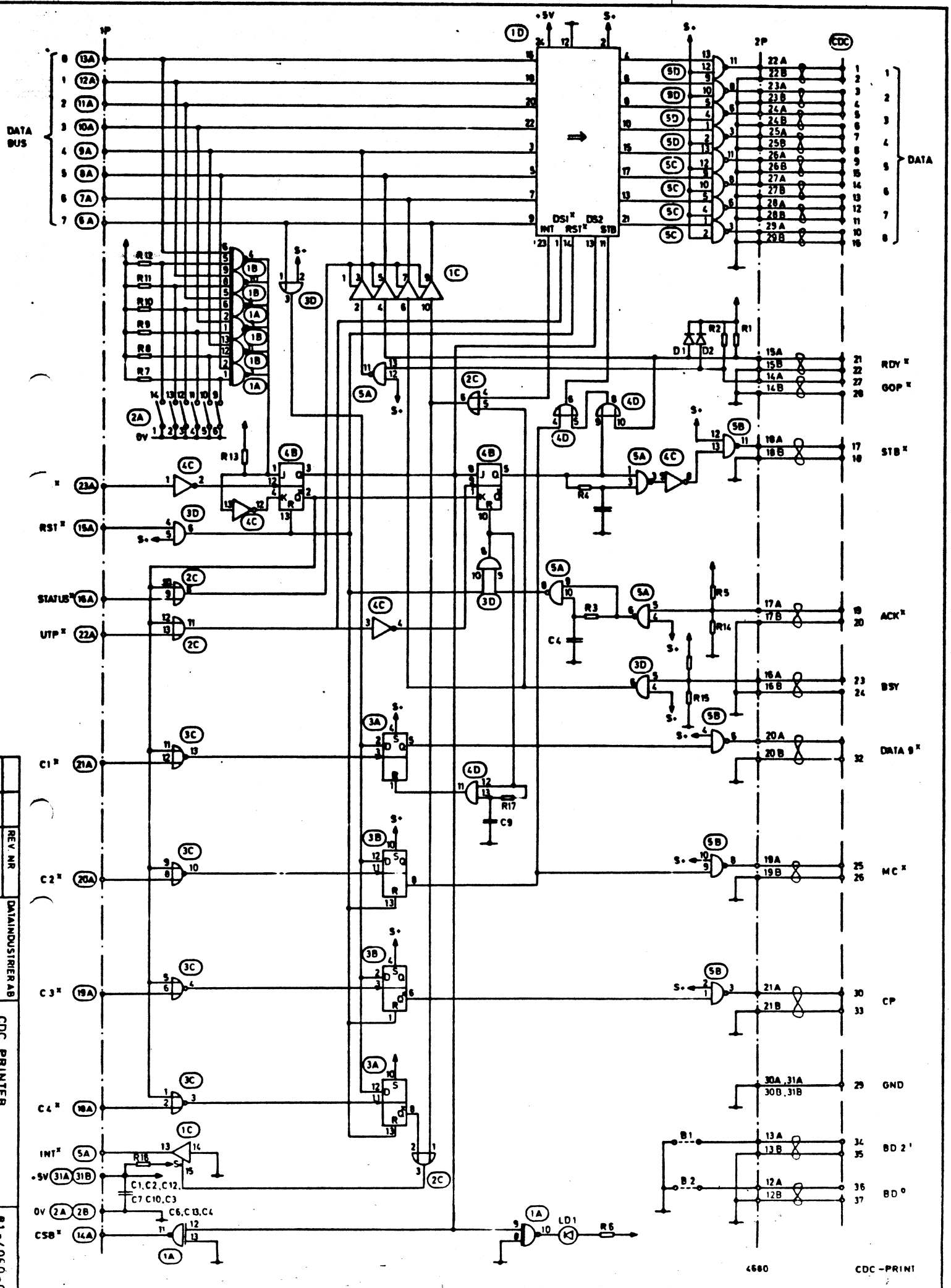
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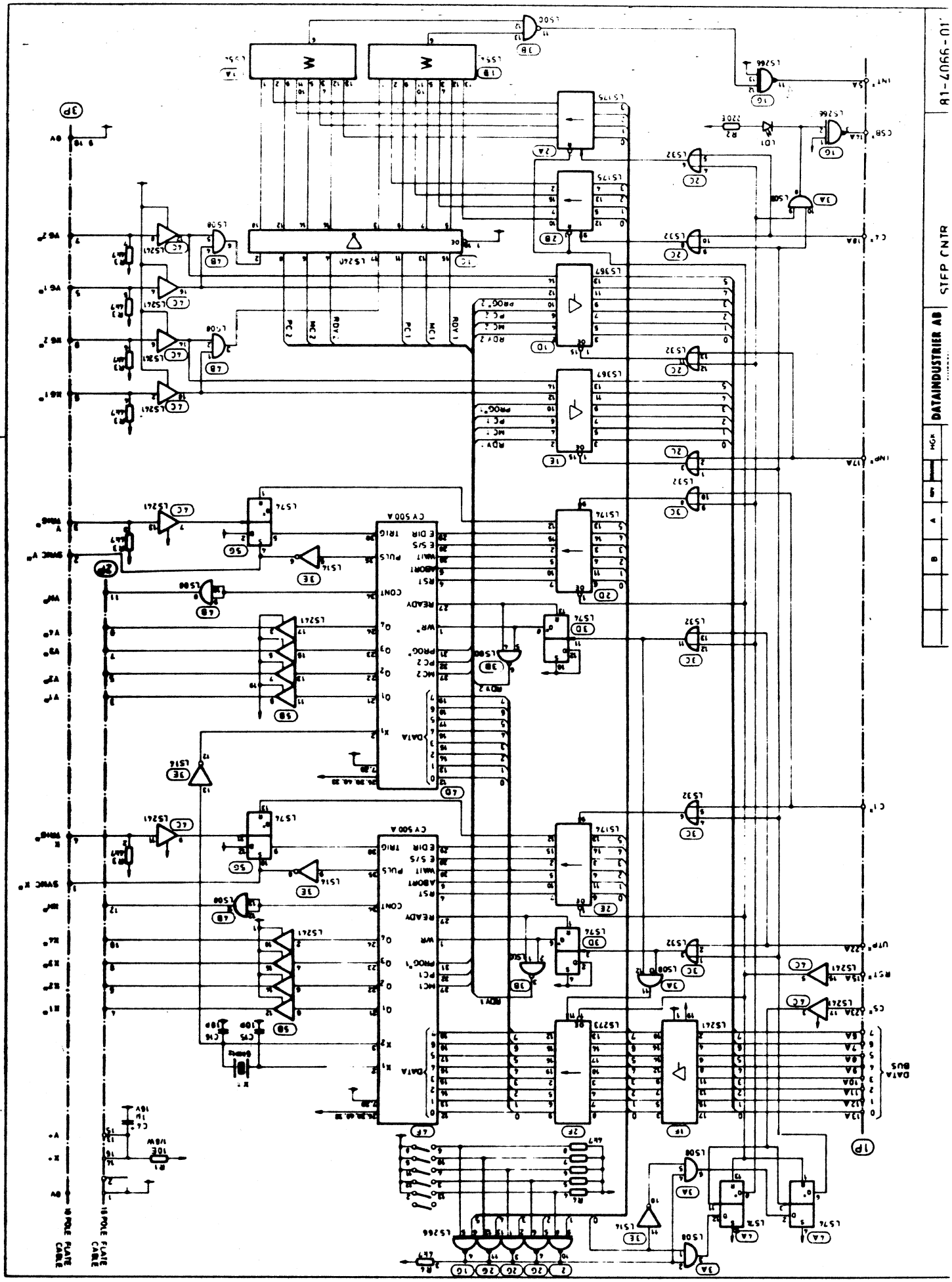


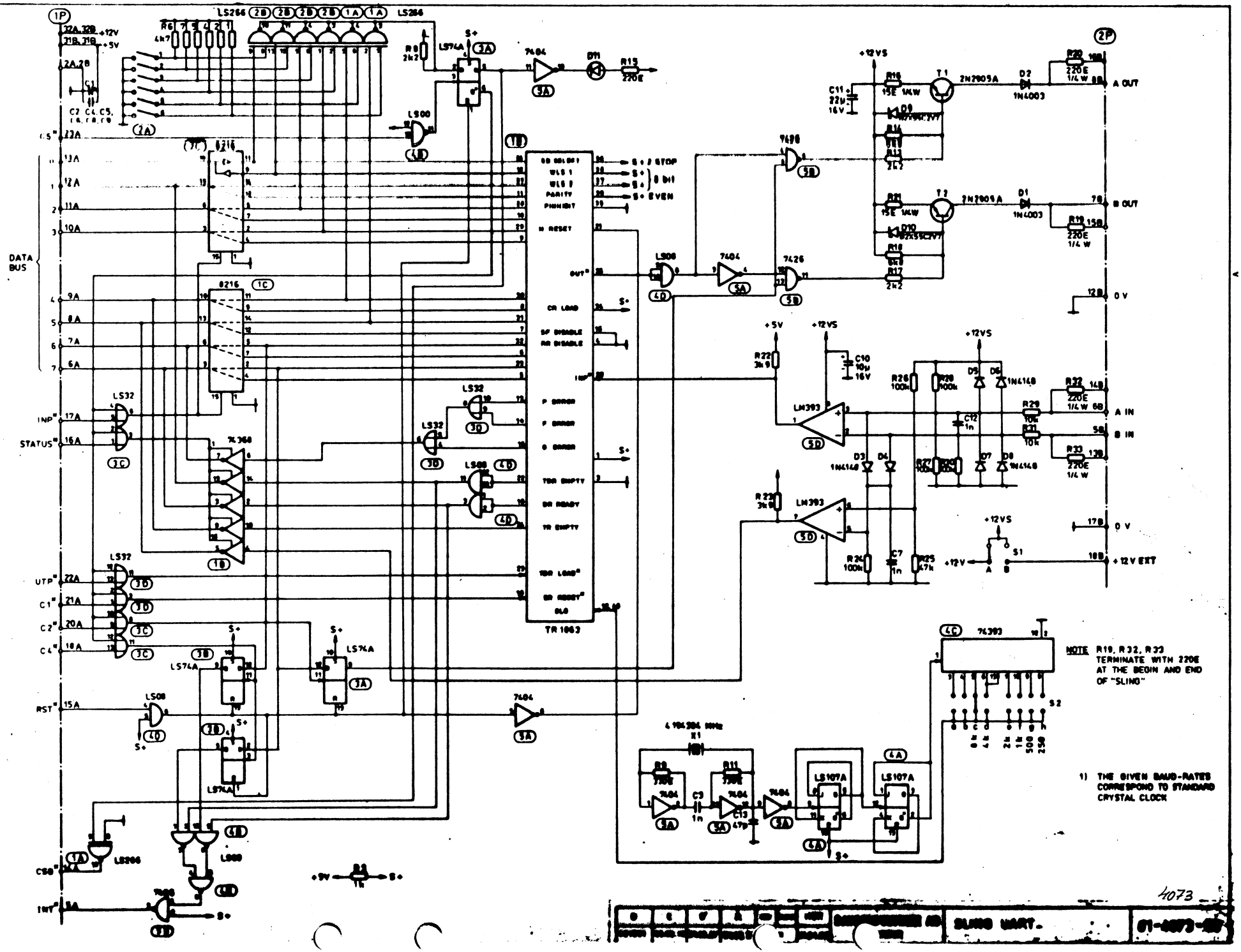
REV NR			
DATUM			
TÄBY SWEDEN	ATANDUSTRIER AB	PRINTER INTERFACE CENTRONICS	81-4038-00

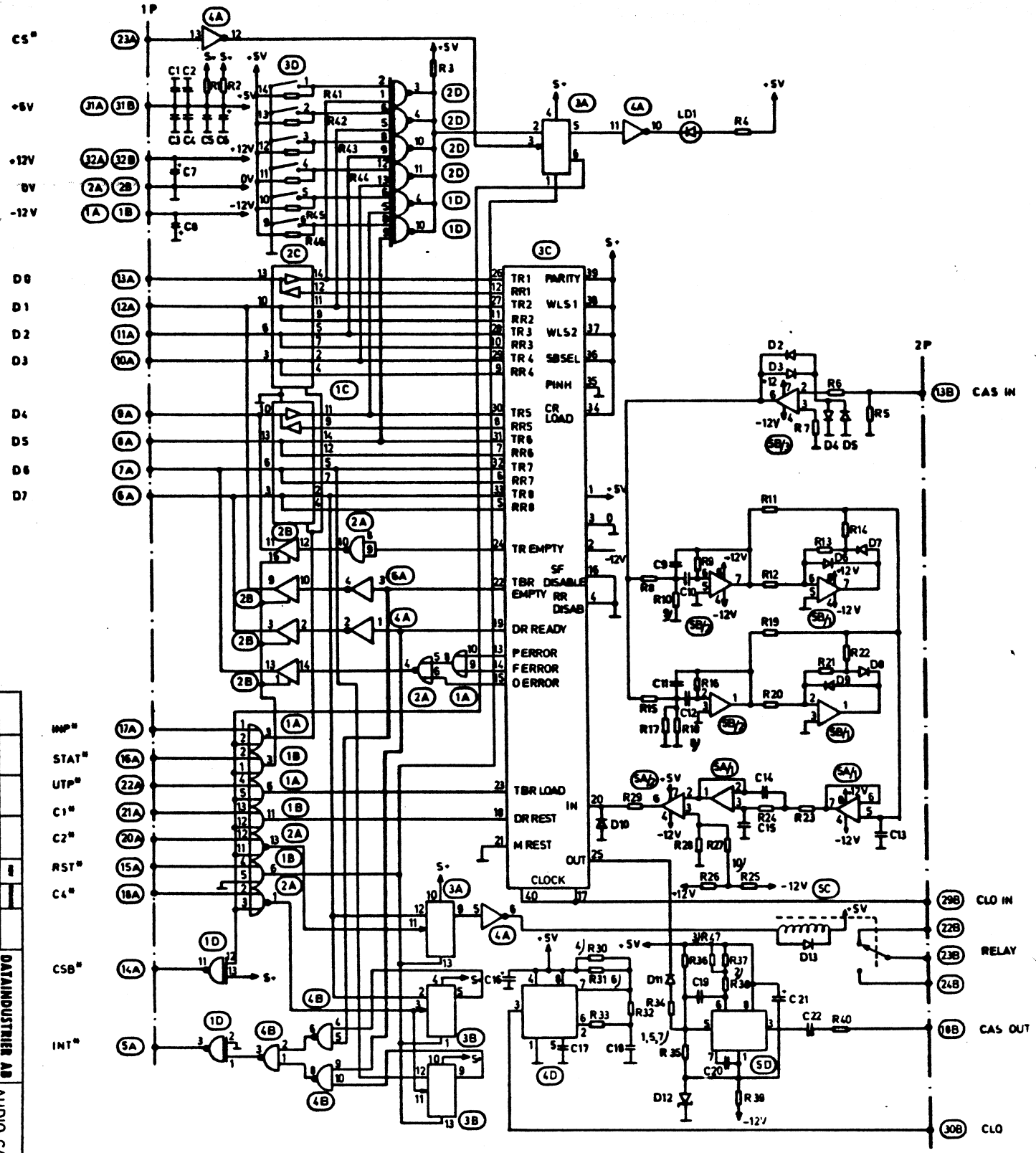


		REV NR	DATAINDUSTRIERAB	1/16 REED	81-4039-00
		DATUM	TÄBY SWEDEN		


DATA BUS
1P
2P
CDC
DATA
+5V
S-
0V
DSI*
DS2
INT
RST*
STB
RDY*
GOP*
STB*
ACK*
BSY
DATA 8*
MC*
CP
GND
BD 2'
BD 0
STATUS*
UTP*
INT*
CSB*
LD1
4680
CDC-PRINT
DATAINDUSTRIER AB
CDC PRINTER


DATAINDUSTRIER AB
STEP CNTR
A1-4096-10
HGH
A
B
10 POLE FLATE CABLE
10 POLE FLATE CABLE
DATA BUS
CV 500 A
LS374
LS541
LS532
LS367
LS174
LS175
LS240
LS266
LS273
LS08
LS14
LS74
LS32
LS04
LS00


TR 1863
DATA BUS
LS32
LS74A
LS08
LS00
LS86
LS107A
8216
74368
74393
LM393
7404
7426
7486
2N2905A
1N4003
1N4148
+12V
+5V
+12VS
0 V
+12V EXT
A OUT
B OUT
A IN
B IN
S1
S2
NOTE R19, R32, R33 TERMINATE WITH 220E AT THE BEGIN AND END OF "SLING"
1) THE GIVEN BAUD-RATES CORRESPOND TO STANDARD CRYSTAL CLOCK
SLING UART
4073



1 R 34 BESTÄMMER SPACE = 2,975 kHz. DEN KAN ERSÄTTAS AV POTENTIOMETER. SE ÄVEN 5/.

2 R 37 OCH R 38 BESTÄMMER MARK = 2,125 kHz. R 37 KAN ERSÄTTAS AV POTENTIOMETER. R 38 KAN ERSÄTTAS AV BYGEL. SE ÄVEN 3/.

3 R 47 ÄR PARALLELL MOTSTÅND TILL R 37. KAN ERSÄTTAS AV BYGEL

4 R 30 OCH R 31 KAN ERSÄTTAS AV POTENTIOMETER.

5 PLATS FÖR PARALLELL MOTSTÅND TILL R 34.

6 BYGEL ELLER SERIEMOTSTÅND FÖR R 31.

7 BYGEL ELLER SERIEMOTSTÅND FÖR R 34.

8 R 18, VALD FÖR INK. MARK = 2.125 kHz. KAN ERSÄTTAS AV POTENTIOMETER. (MITTUTTAG = R 17)

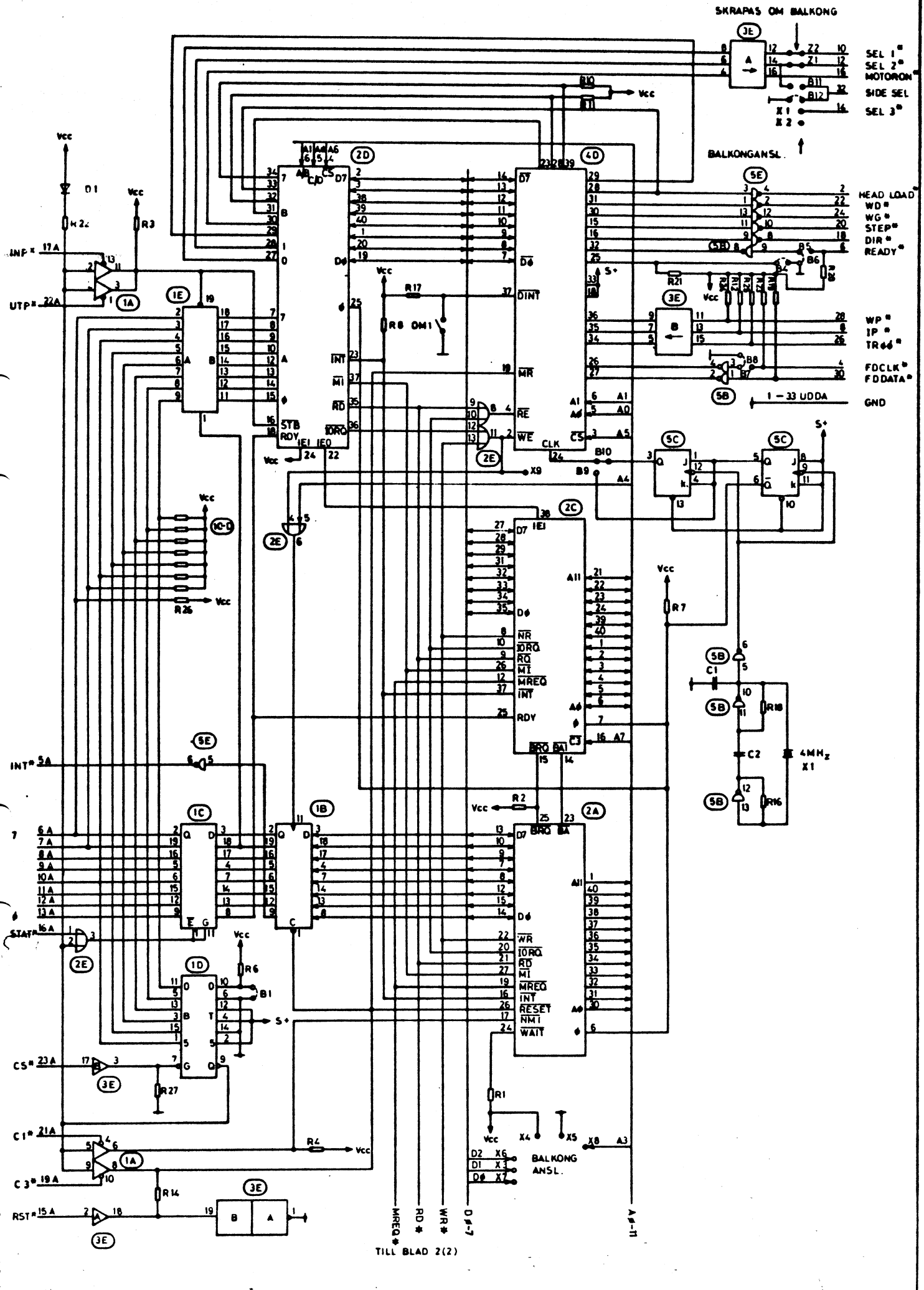
9 R 10, VALD FÖR INK. SPACE = 2,975 kHz. KAN ERSÄTTAS AV POTENTIOMETER. (MITTUTTAG R 10)

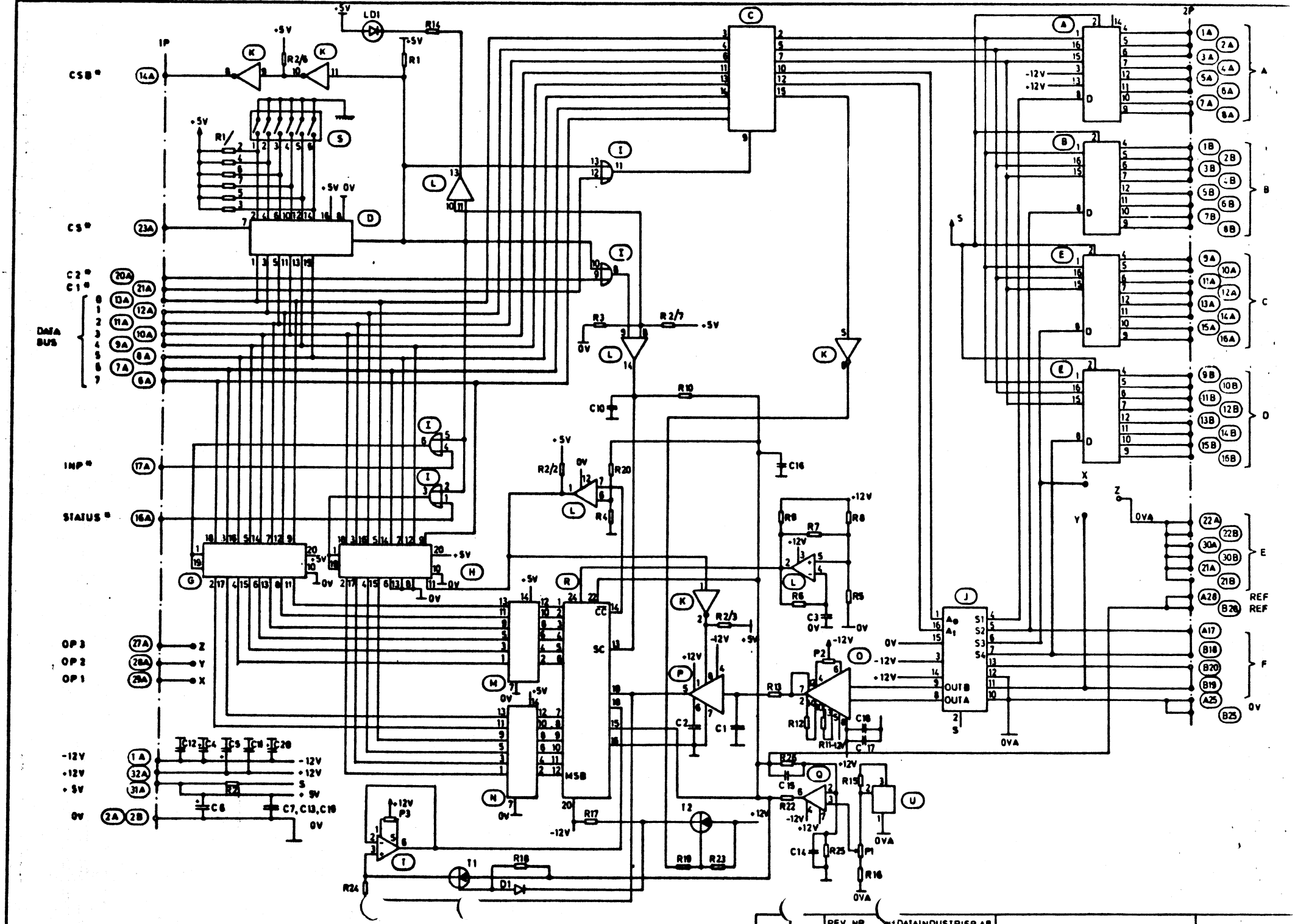
10 R 25 OCH R 26 BESTÄMS FÖR "OFFSET". KAN ERSÄTTAS AV POTENTIOMETER. MITTUTTAG GEMENSAM PUNKT (R 25/26)

DATAINDUSTRIER AB SWEDEN

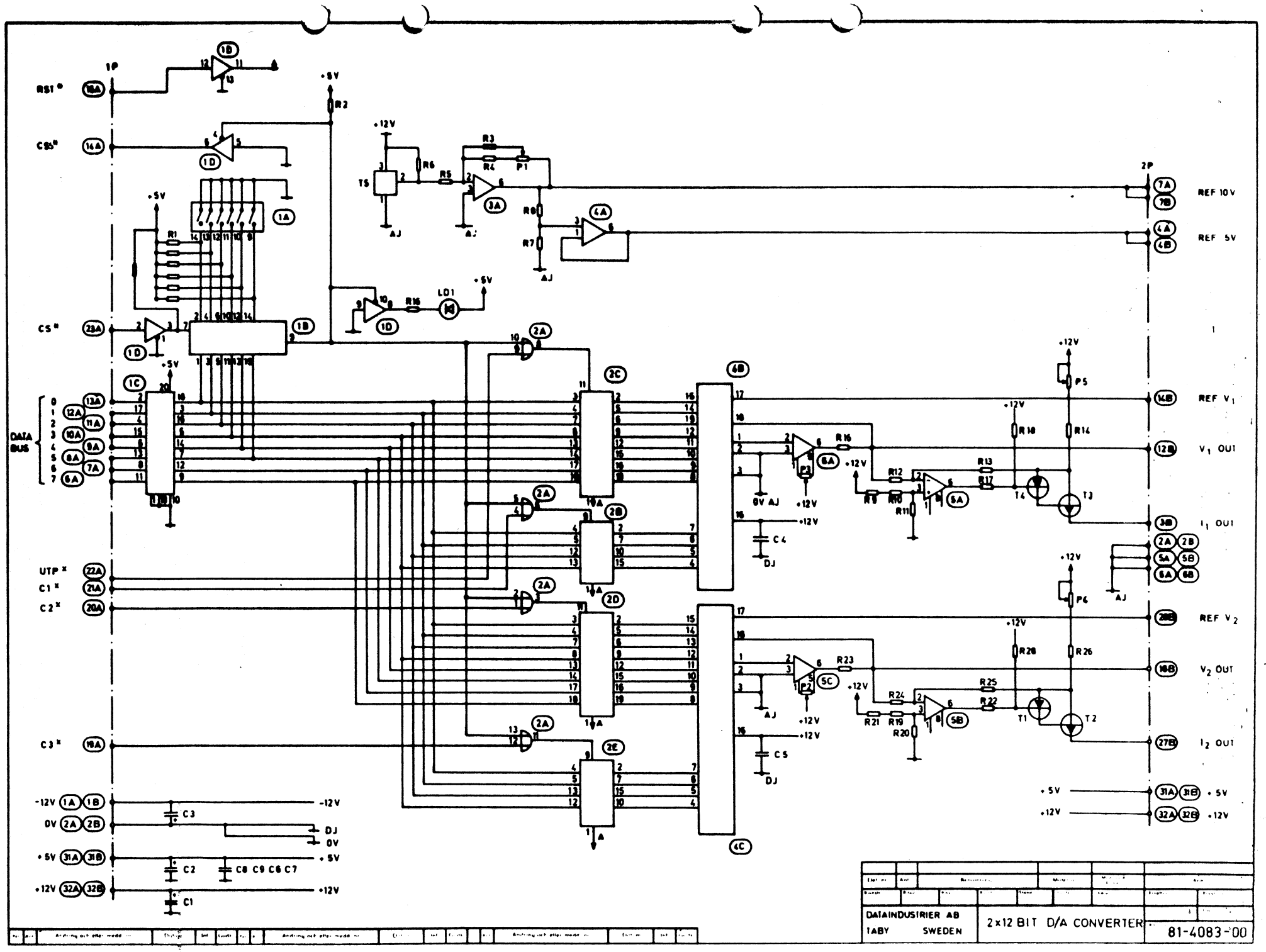
AUDIO CASSETTE INTERFACE

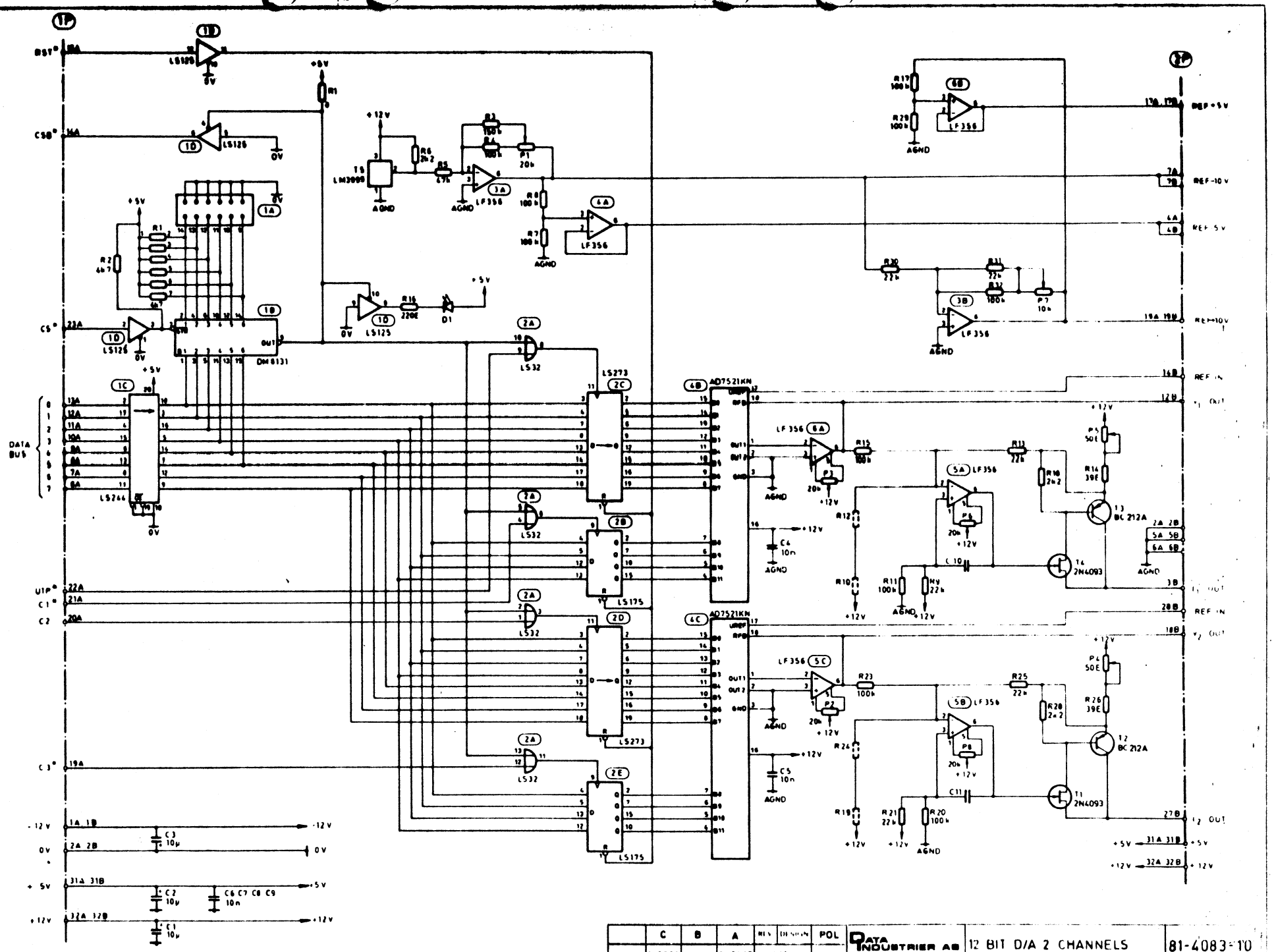
81-4074-01


SKRAPAS OM BALKONG
SEL 1*
SEL 2*
MOTORON*
SIDE SEL
SEL 3*
BALKONGANSL.
HEAD LOAD*
WD*
WG*
STEP*
DIR*
READY*
WP*
IP*
TR44*
FDCLK*
FDDATA*
1 – 33 UDDA
GND
INP* 17A
UTP* 22A
INT* 5A
STAT* 16A
CS* 23A
C1* 21A
C3* 19A
RST* 15A
R8 OM1
4MHz
X1
BALKONG ANSL.
MREQ*
RD*
WR*
D*-7
A*-11
TILL BLAD 2(2)
DATUM
REV NR
DATAINDUSTRIER AB
SWEDEN
MINI FLOPPY CONTROLLER
81-4076-00
Sheet 1 of 2



REV NR	DATAINDUSTRIER AB	32 x 12 A/D CONVERTER	81-4082-00
DATUM	TÄBY SWEDEN		


RS1*
CS2*
CS*
DATA BUS
UTP*
C1*
C2*
C3*
-12V
0V
+5V
+12V
REF 10V
REF 5V
REF V1
V1 OUT
I1 OUT
REF V2
V2 OUT
I2 OUT
DJ
AJ
DATAINDUSTRIER AB
TABY SWEDEN
2x12 BIT D/A CONVERTER
81-4083-00

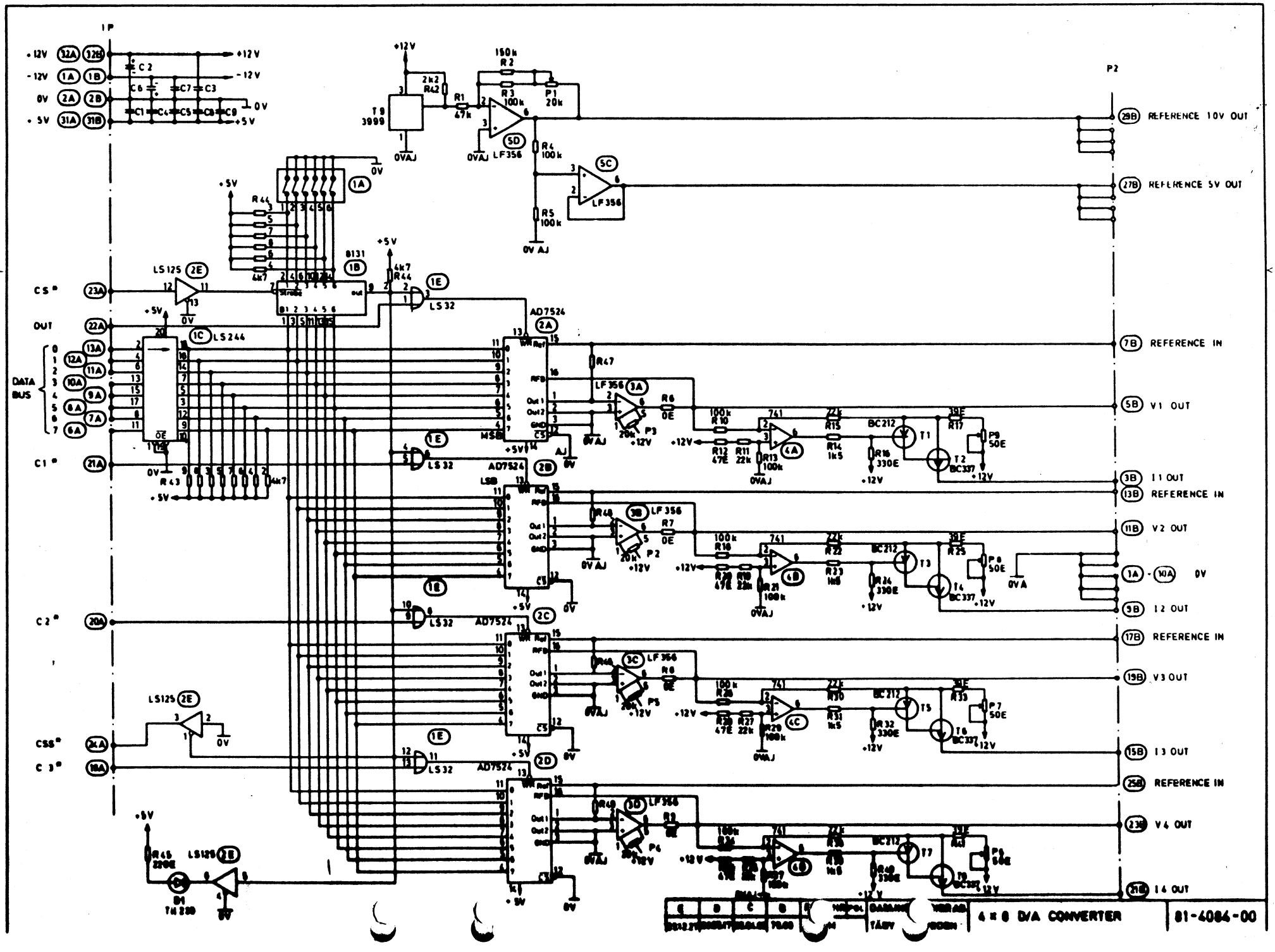


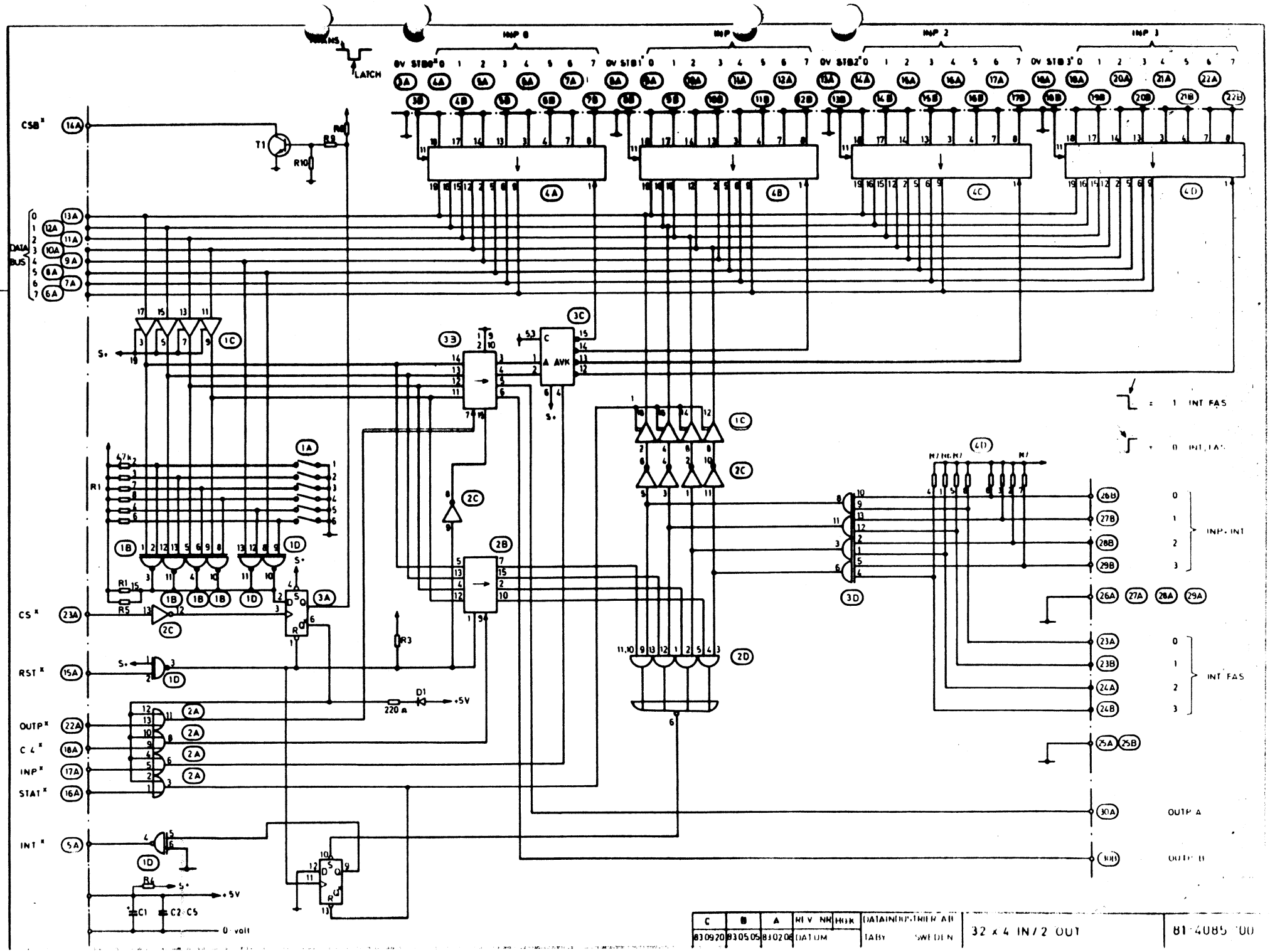
C	B	A	REV	DESIGN	POL
840222	84 01 02	83 02 10	DATE		8301 1 a

DATA INDUSTRIER AB SWEDEN

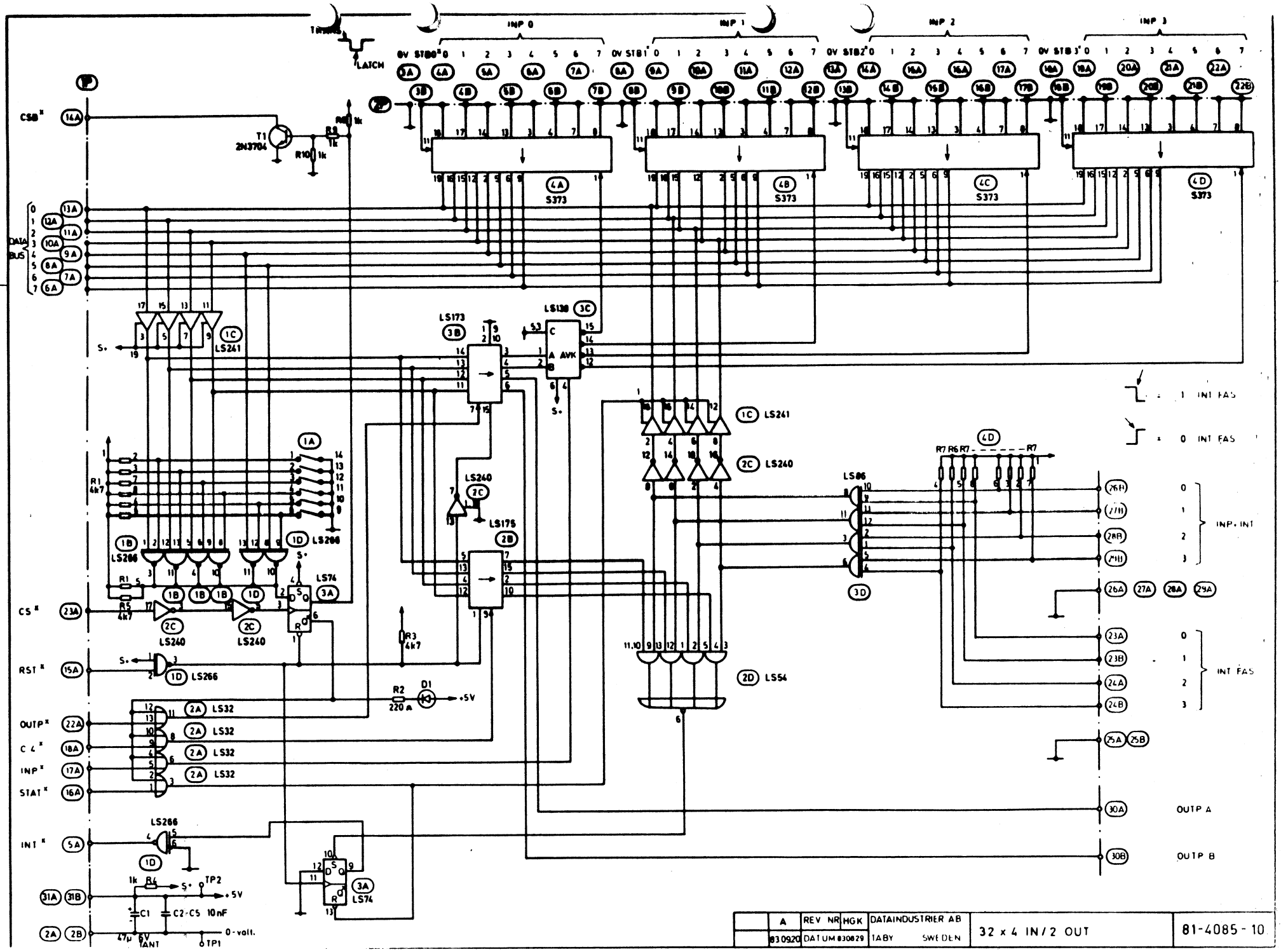
12 BIT D/A 2 CHANNELS

81-4083-10


1P
+12V
-12V
0V
+5V
C1
C2
C3
C4
C5
C6
C7
C8
C9
T9 3999
2k2 R42
R1 47k
150k R2
R3 100k
P1 20k
LF356
R4 100k
R5 100k
0V AJ
P2
29B REFERENCE 10V OUT
27B REFERENCE 5V OUT
R44
4k7
8131
LS125
LS32
LS244
AD7524
CS*
OUT
DATA BUS
C1*
C2*
CS8*
C 3*
R43
R47
R48
R49
R6
R7
R8
R9
P3
P2
P5
P4
100k R10
741
22k R15
BC212
T1
T2
BC337
P9 50E
R16 330E
R17 39E
R12 47E
R11 22k
R13 100k
R14 1k5
7B REFERENCE IN
5B V1 OUT
3B I1 OUT
13B REFERENCE IN
11B V2 OUT
1A - 10A 0V
9B I2 OUT
17B REFERENCE IN
19B V3 OUT
15B I3 OUT
25B REFERENCE IN
23B V4 OUT
21B I4 OUT
R45 220E
D1 TIL 220
4 x 8 D/A CONVERTER
81-4084-00

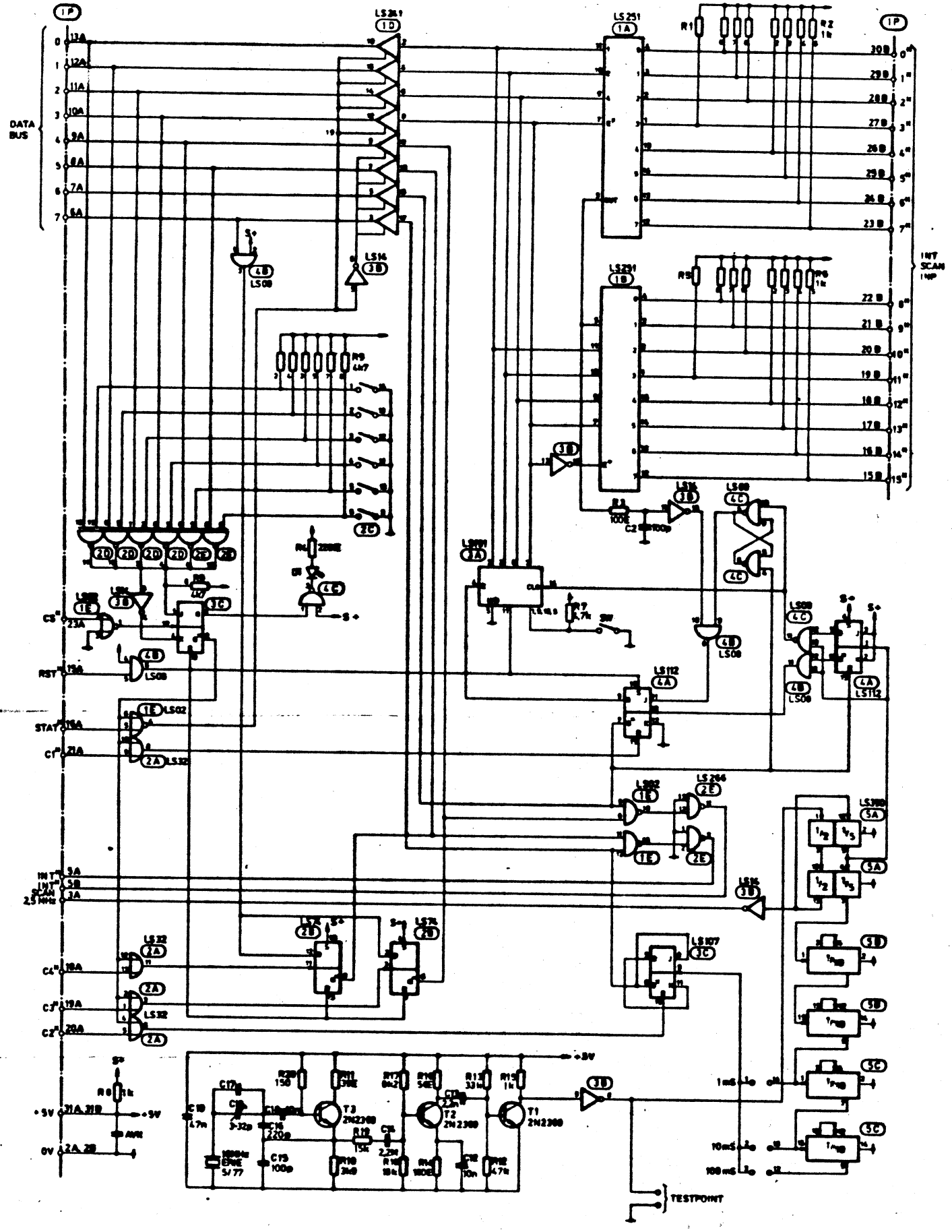


C	B	A	REV NR	HRIK	DATA/INDUSTRIER AB	32 x 4 IN/2 OUT	81-4085-00
830920	830505	830208	DATUM		TABY SWEDEN		

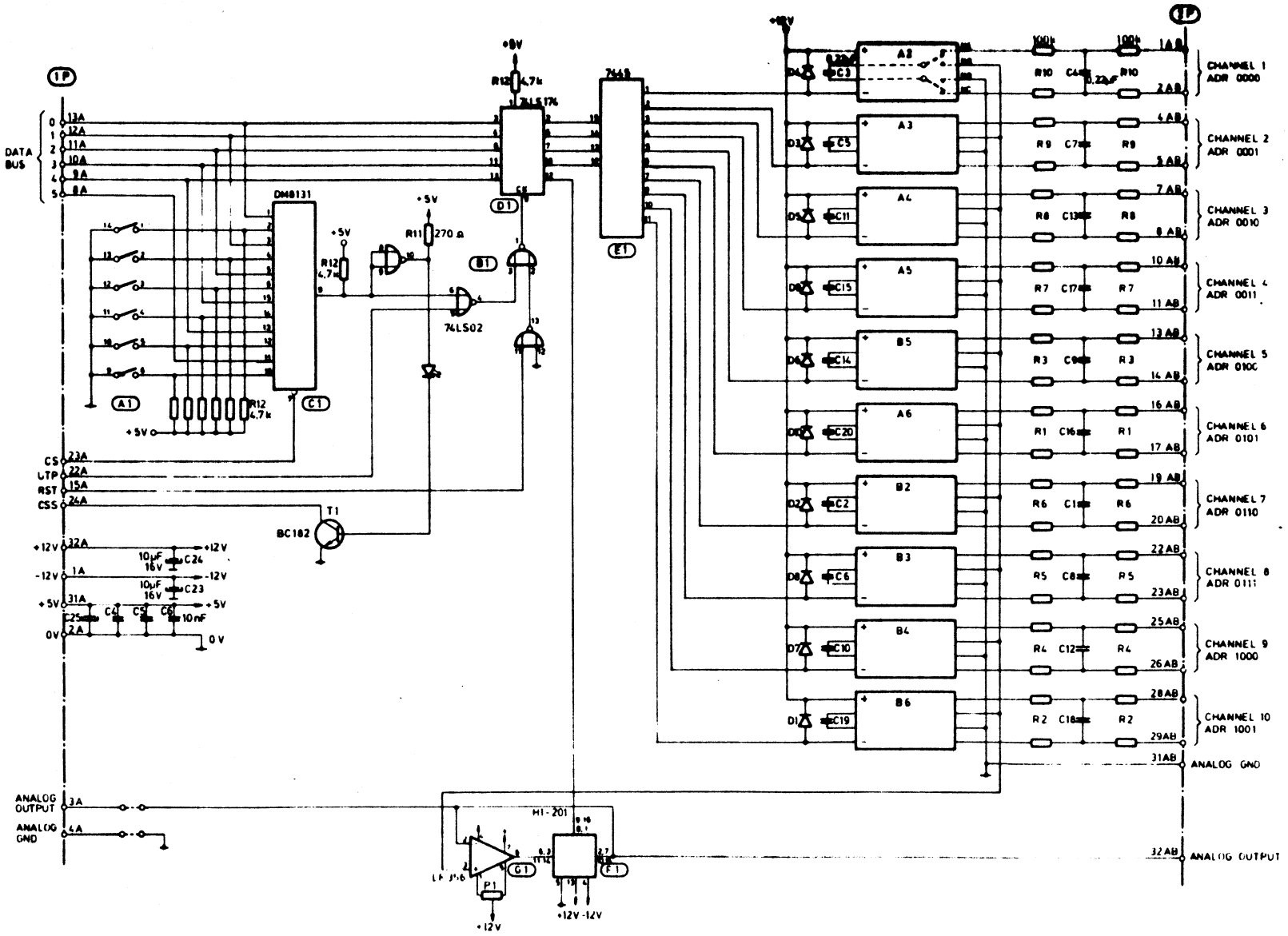


	A	REV NR HGK	DATAINDUSTRIER AB	32 x 4 IN/2 OUT	81-4085-10
	830920	DATUM 830829	1ABY SWEDEN		

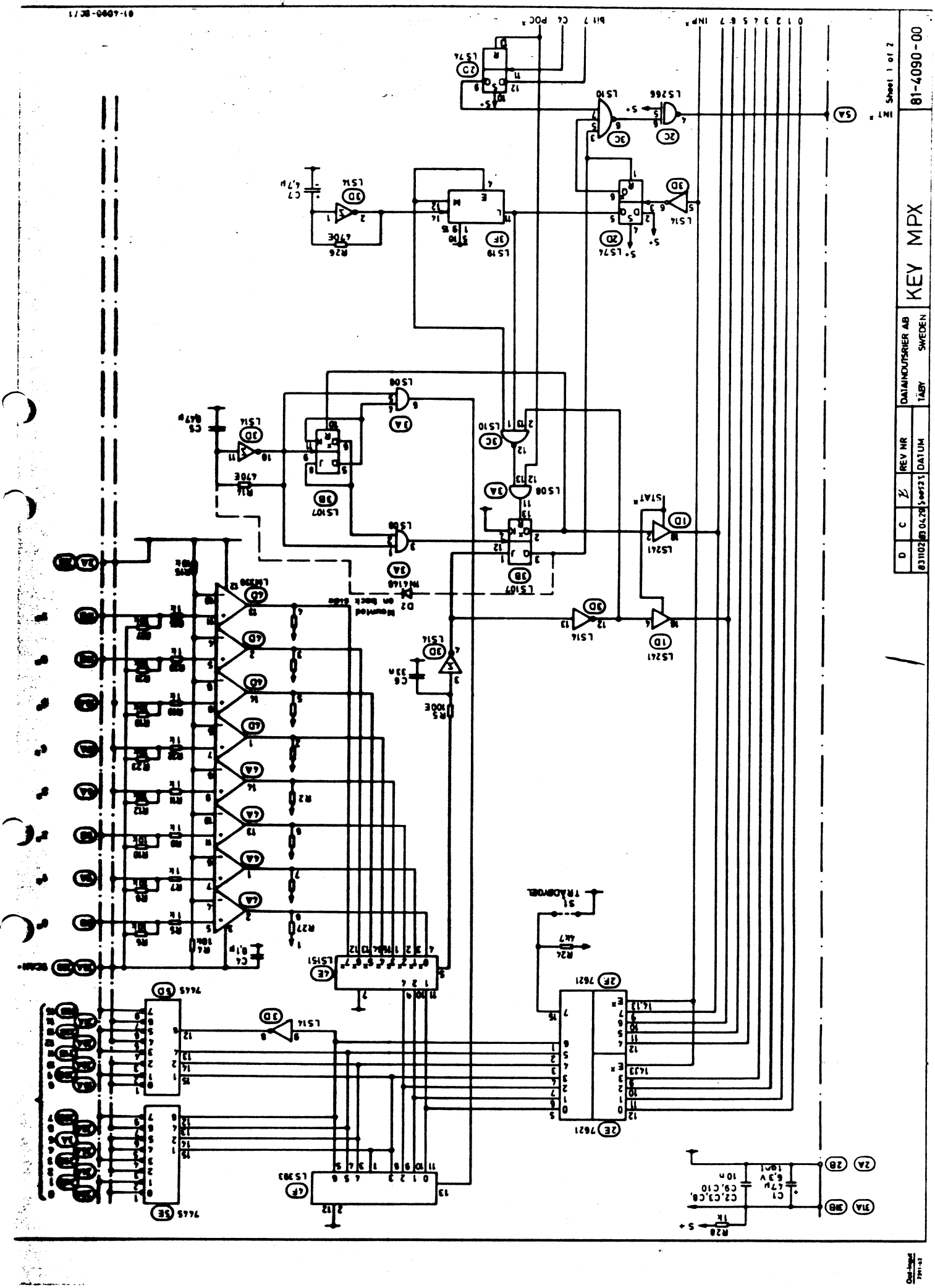
Ord Ingur

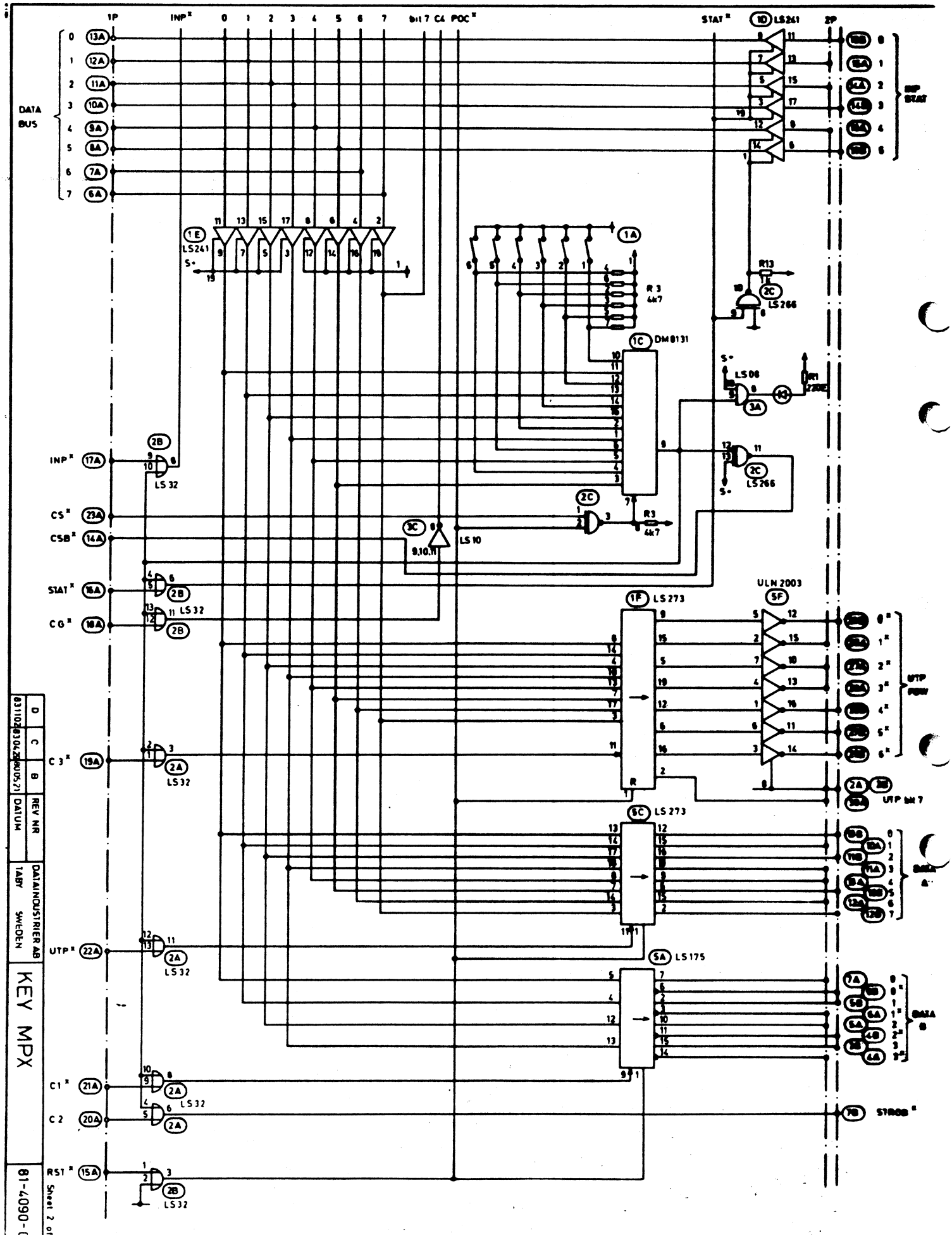


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1P
DATA BUS
0 13A
1 12A
2 11A
3 10A
4 9A
5 8A
DM8131
A1
C1
D1
B1
E1
74LS02
T1
BC182
R11 270 Ω
R12 4.7k
CS 23A
LTP 22A
RST 15A
CSS 24A
+12V 32A
-12V 1A
+5V 31A
0V 2A
10µF 16V C24
10µF 16V C23
10nF
ANALOG OUTPUT 3A
ANALOG GND 4A
A2
A3
A4
A5
B5
A6
B2
B3
B4
B6
CHANNEL 1 ADR 0000
CHANNEL 2 ADR 0001
CHANNEL 3 ADR 0010
CHANNEL 4 ADR 0011
CHANNEL 5 ADR 0100
CHANNEL 6 ADR 0101
CHANNEL 7 ADR 0110
CHANNEL 8 ADR 0111
CHANNEL 9 ADR 1000
CHANNEL 10 ADR 1001
1AB
2AB
4AB
5AB
7AB
8AB
10AB
11AB
13AB
14AB
16AB
17AB
19AB
20AB
22AB
23AB
25AB
26AB
28AB
29AB
31AB ANALOG GND
32AB ANALOG OUTPUT
HI-201
G1
F1
P1
+12V -12V

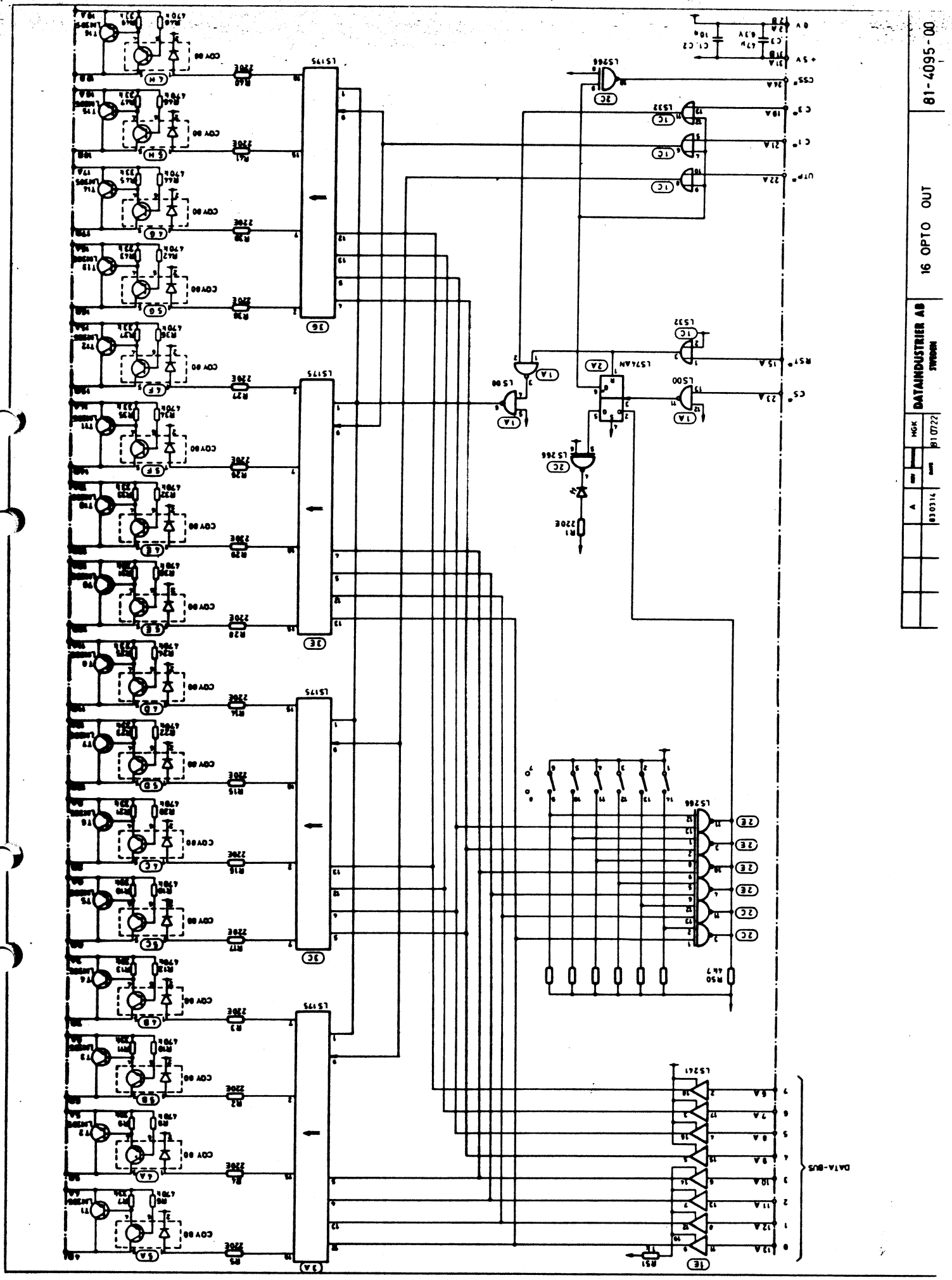
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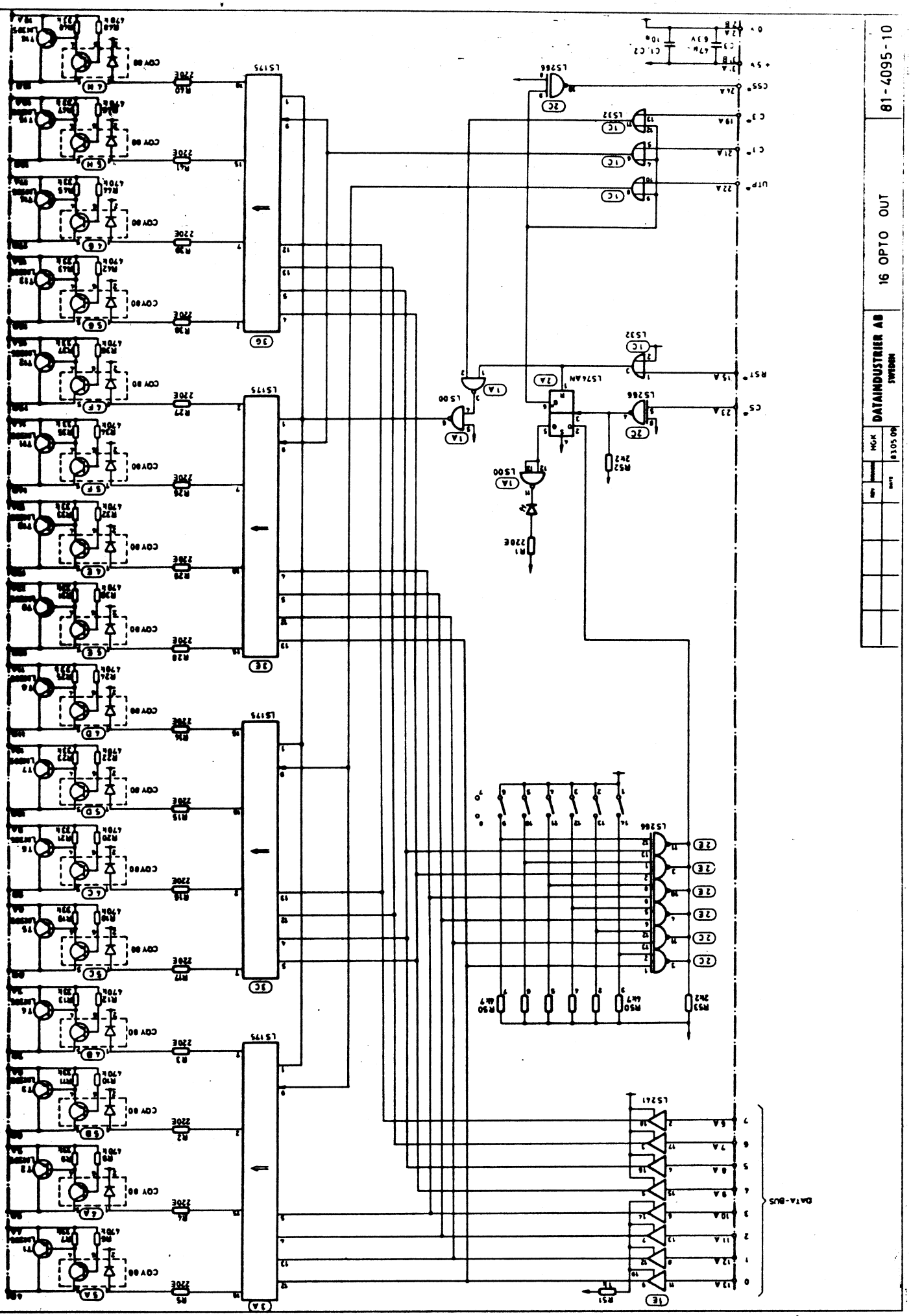

81-4090-00
Sheet 1 of 2
KEY MPX
DATAINDUSTRIER AB
TÄBY SWEDEN
REV NR
DATUM
INT*
STA7*
TRIGGERGEN
LS14
LS74
LS10
LS266
LS19
LS107
LS08
LS241
LS151
LS393
7621
7445
R24
R26
R28
C1
C2,C3,C8,
C9,C10
10n
6,3V
C4
C5
C6
33n
D2
1N4148



D					
C					
B					
DATUM	REV NR				
TABY SWEDEN	DATAINDUSTRIER AB				
KEY MPX					
81-4090-00	Sheet 2 of 2				

81-4090-00/2

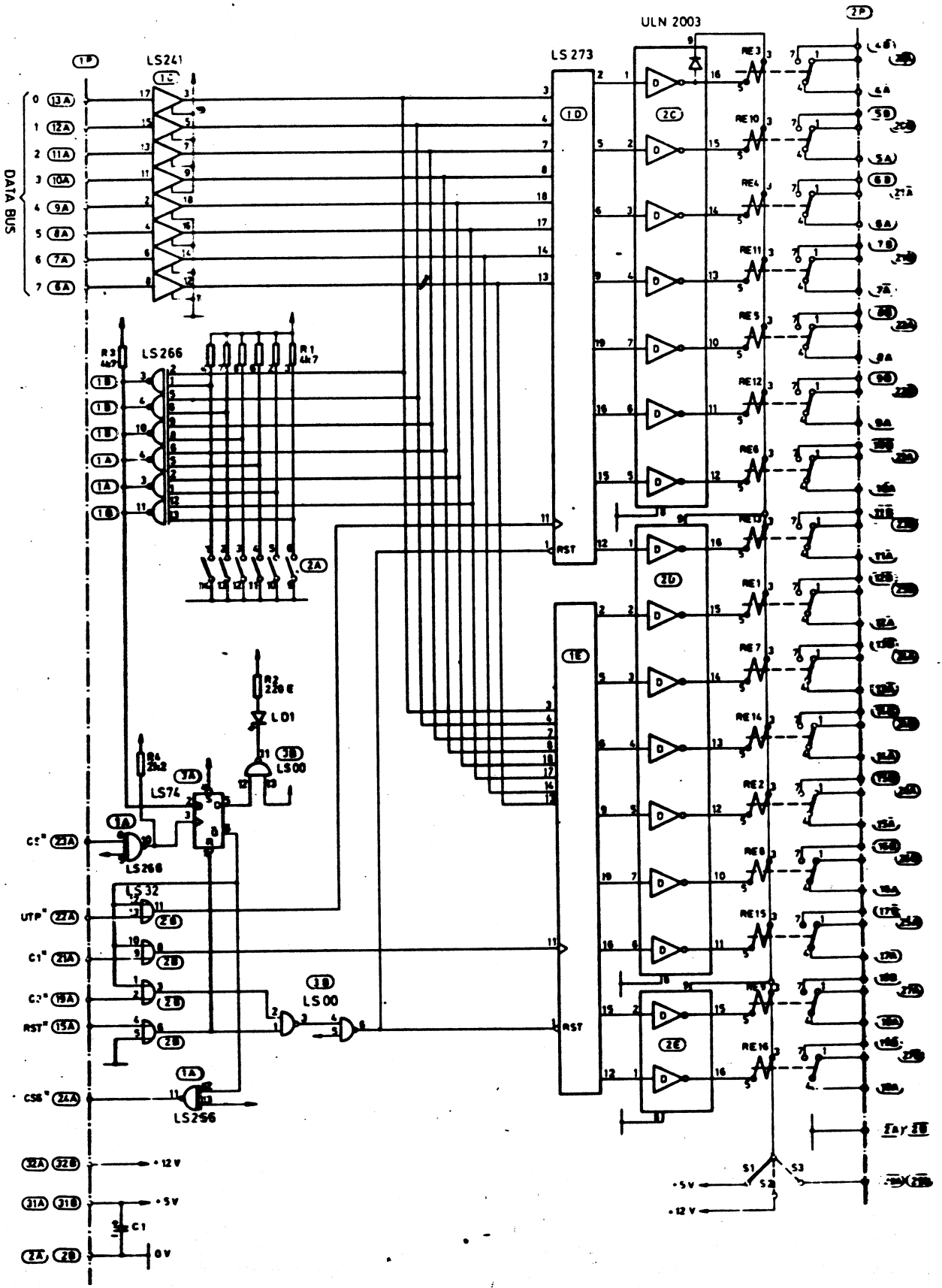

81-4095-00
16 OPTO OUT
DATAINDUSTRIER AB
SVEDALA
MGK
81 07 22
A
830114
DATA-BUS



81-4095-10

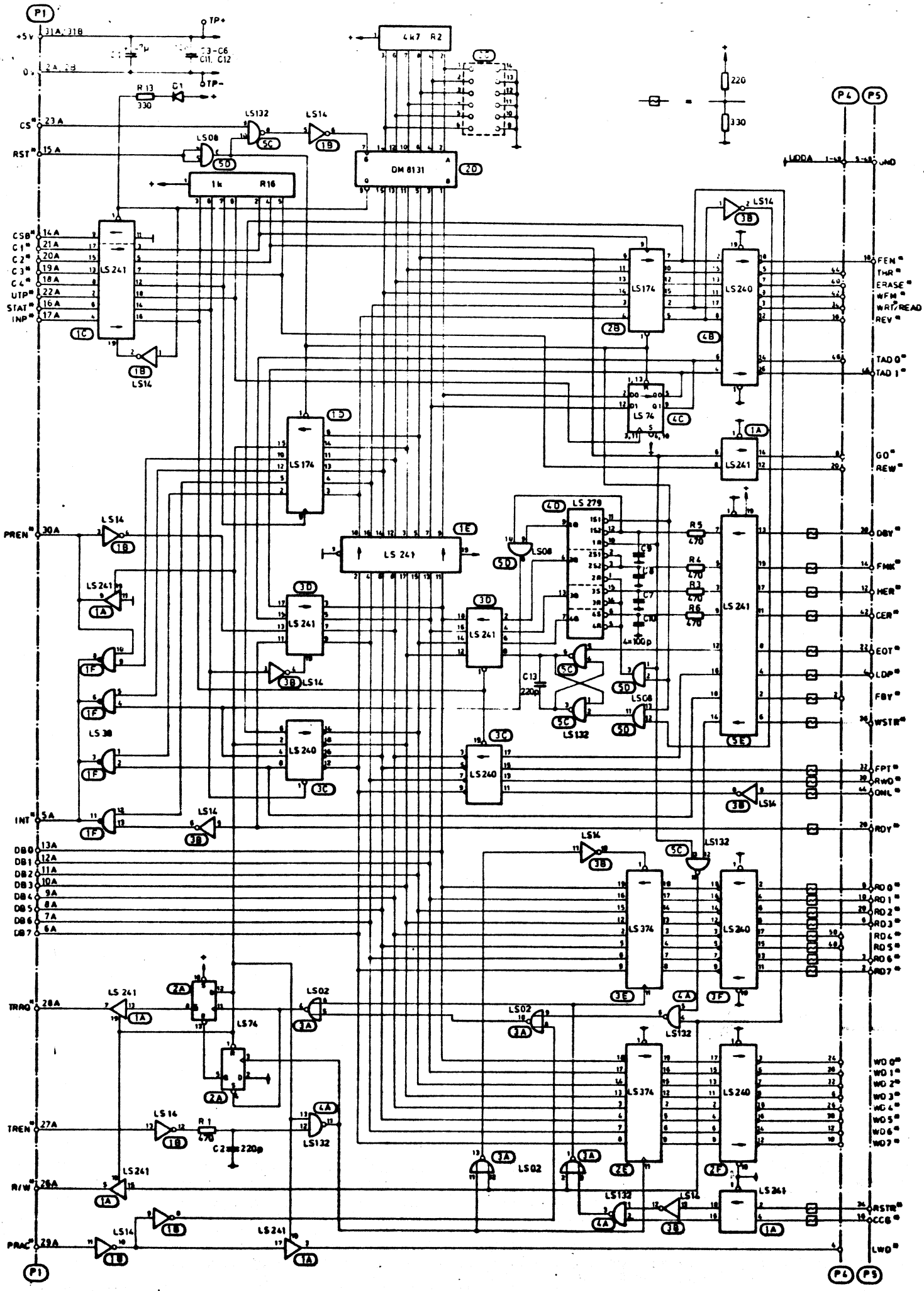
16 OPTO OUT

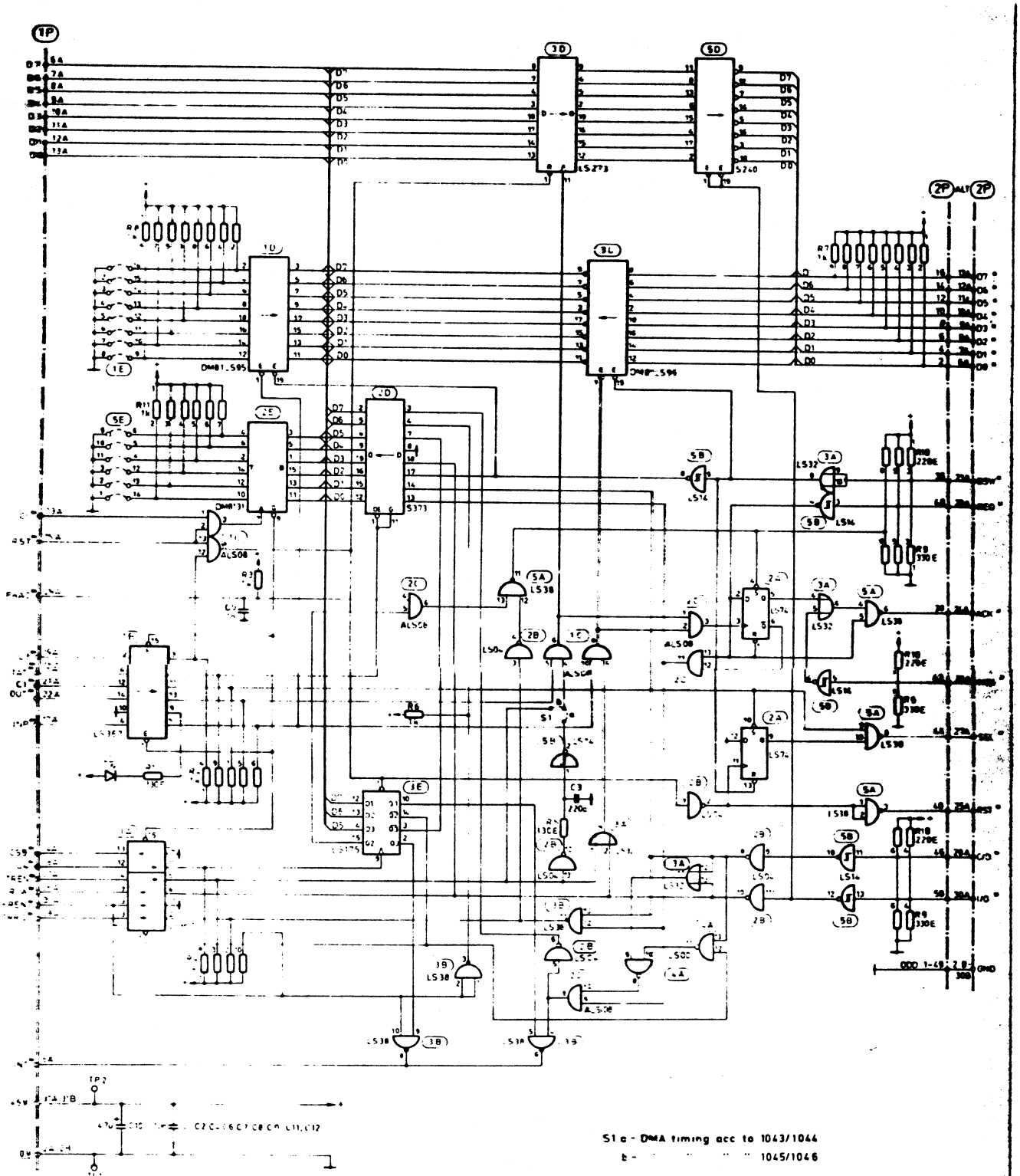
DATAINDUSTRIER AB
SVERIGE



16 RELAY OUTPUT

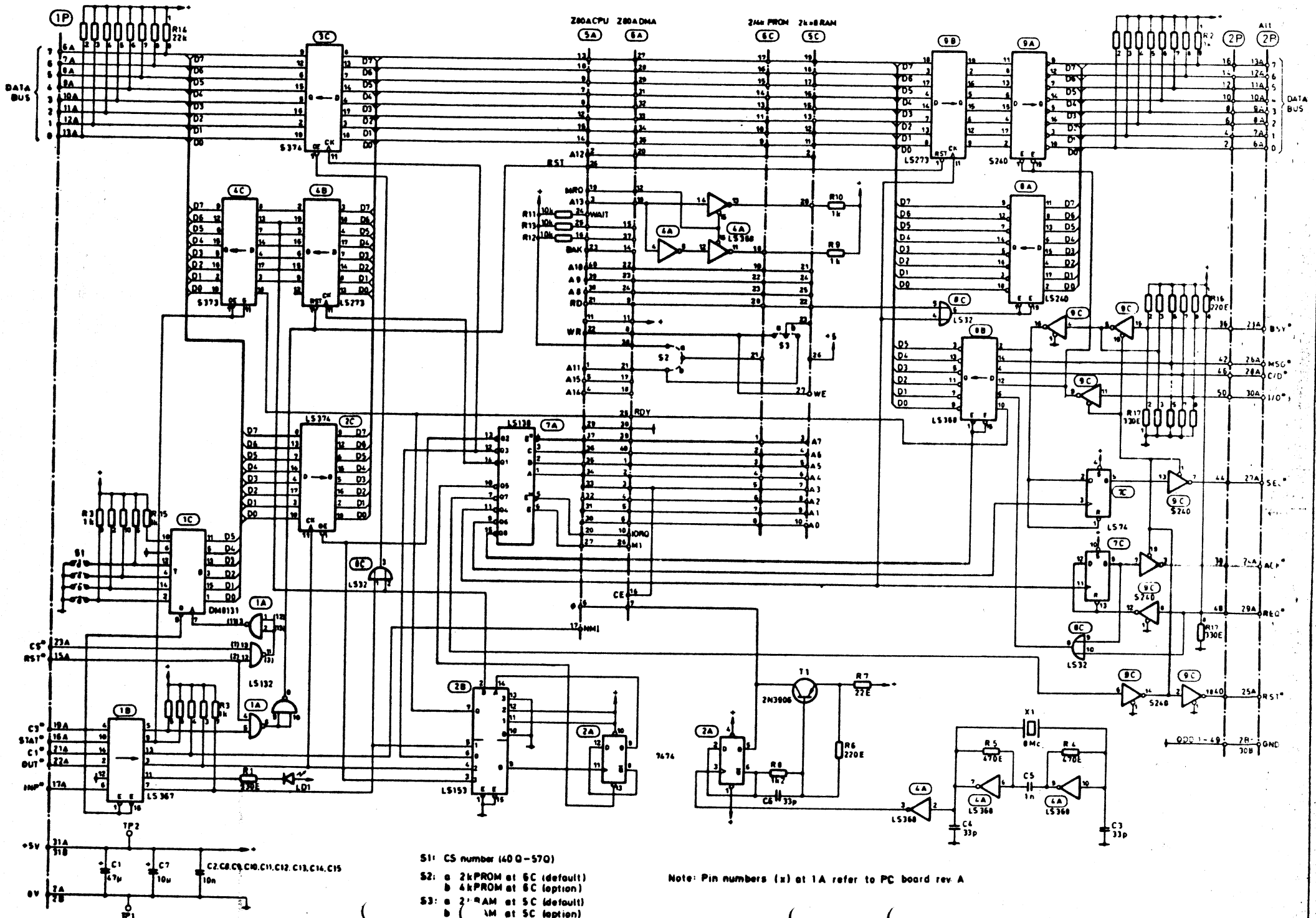
81-4103-10


P1
+5v
0.
TP+
TP-
R13
330
C1
C3-C6
C11, C12
4k7 R2
DM 8131
1k R16
220
330
P4
P5
LS132
LS14
LS08
LS241
LS174
LS240
LS 74
LS 241
LS 279
LS 240
LS 374
LS 38
LS02
LS74
CS
RST
CSB
C1
C2
C3
C4
UTP
STAT
INP
PREN
INT
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
TRRQ
TREN
R/W
PRAC
FEN
THR
ERASE
WFM
WRT/READ
REV
TAD 0
TAD 1
GO
REW
DBY
FMK
HER
CER
EOT
LDP
FBY
WSTR
FPT
RWD
ONL
RDY
RD 0
RD 1
RD 2
RD 3
RD 4
RD 5
RD 6
RD 7
WD 0
WD 1
WD 2
WD 3
WD 4
WD 5
WD 6
WD 7
RSTR
CCG
LWD
C13 220p
4x100p
R5 470
R4 470
R3 470
R6 470
R1 470
C2 220p
DATAINDUSTRIER AB
MAG TAPE
81-4104-00



S1 a - DMA timing acc to 1043/1044

b - " " 1045/1046



S1: CS number (40Q–57Q)

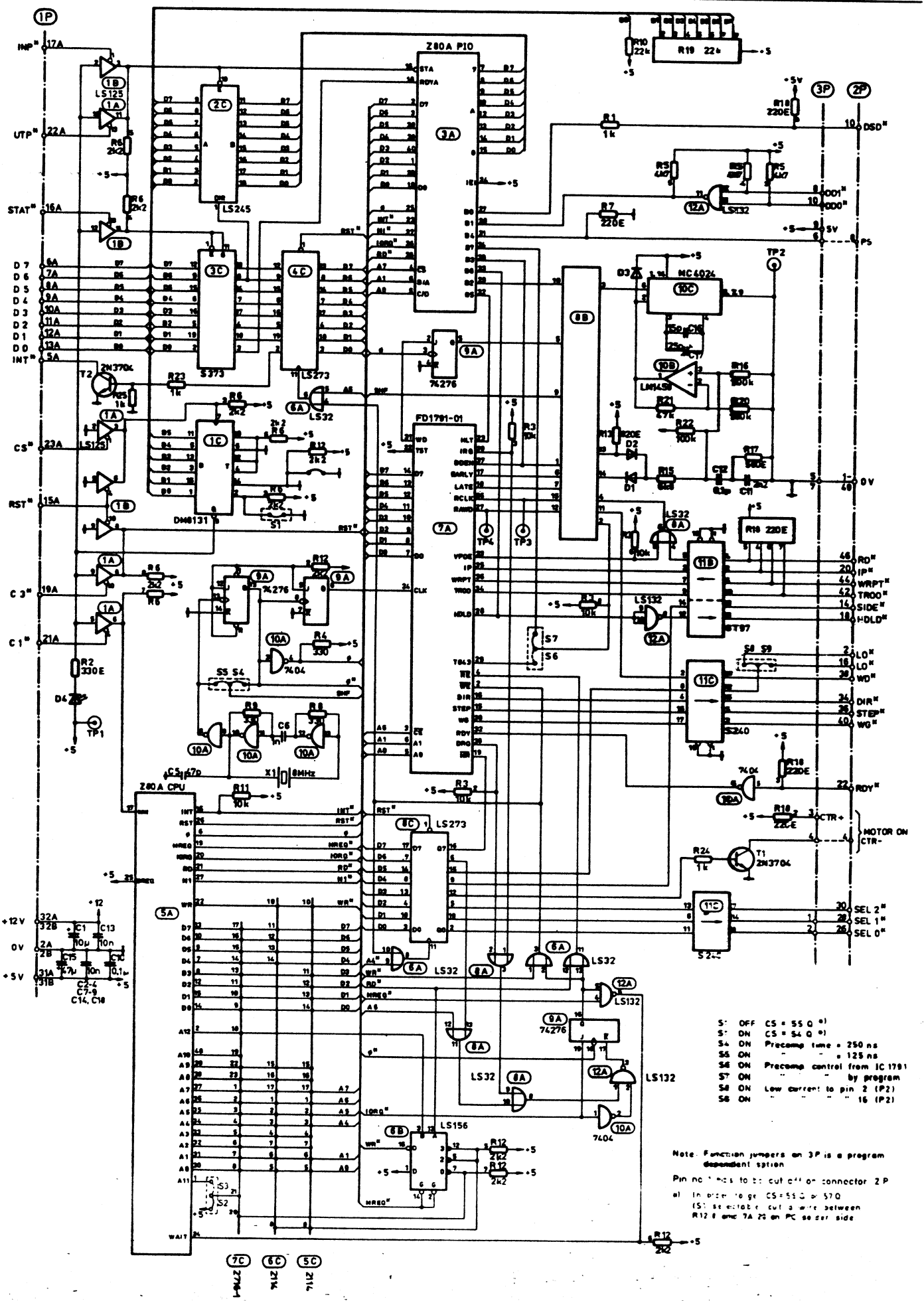
S2: a 2kPROM at 6C (default)
b 4kPROM at 6C (option)

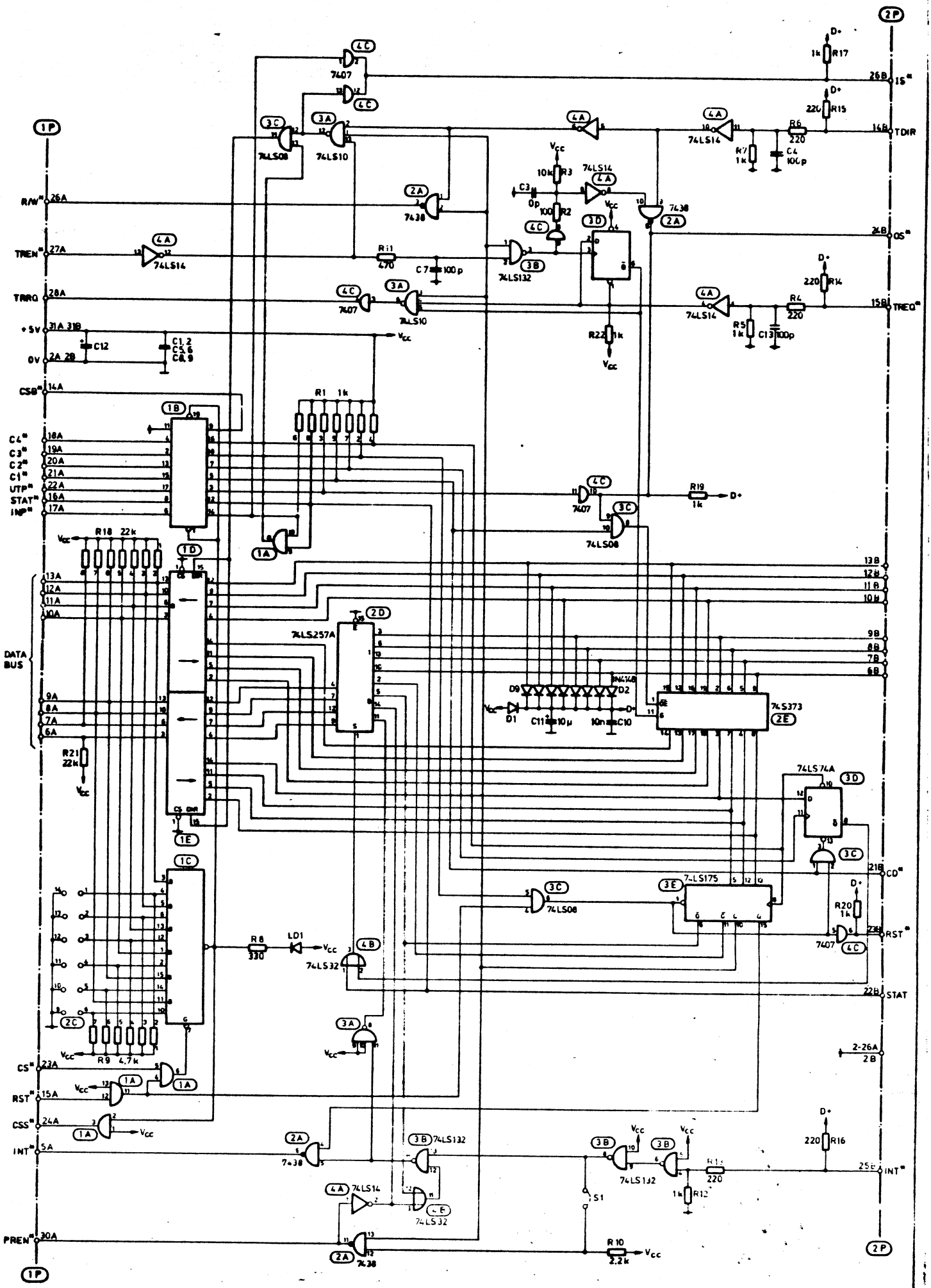
S3: a 2 RAM at 5C (default)
b (M at 5C (option)

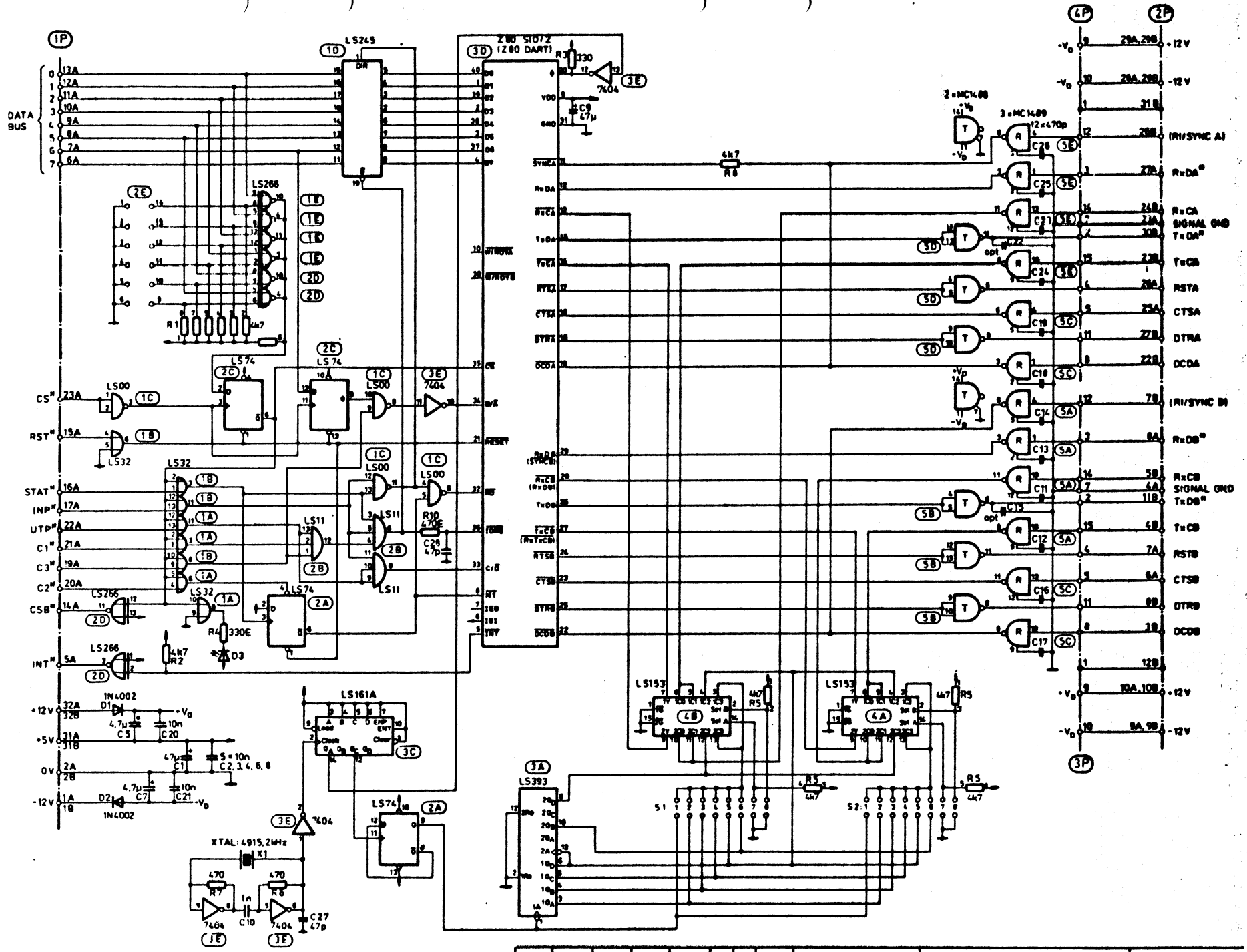
Note: Pin numbers (x) at 1A refer to PC board rev A

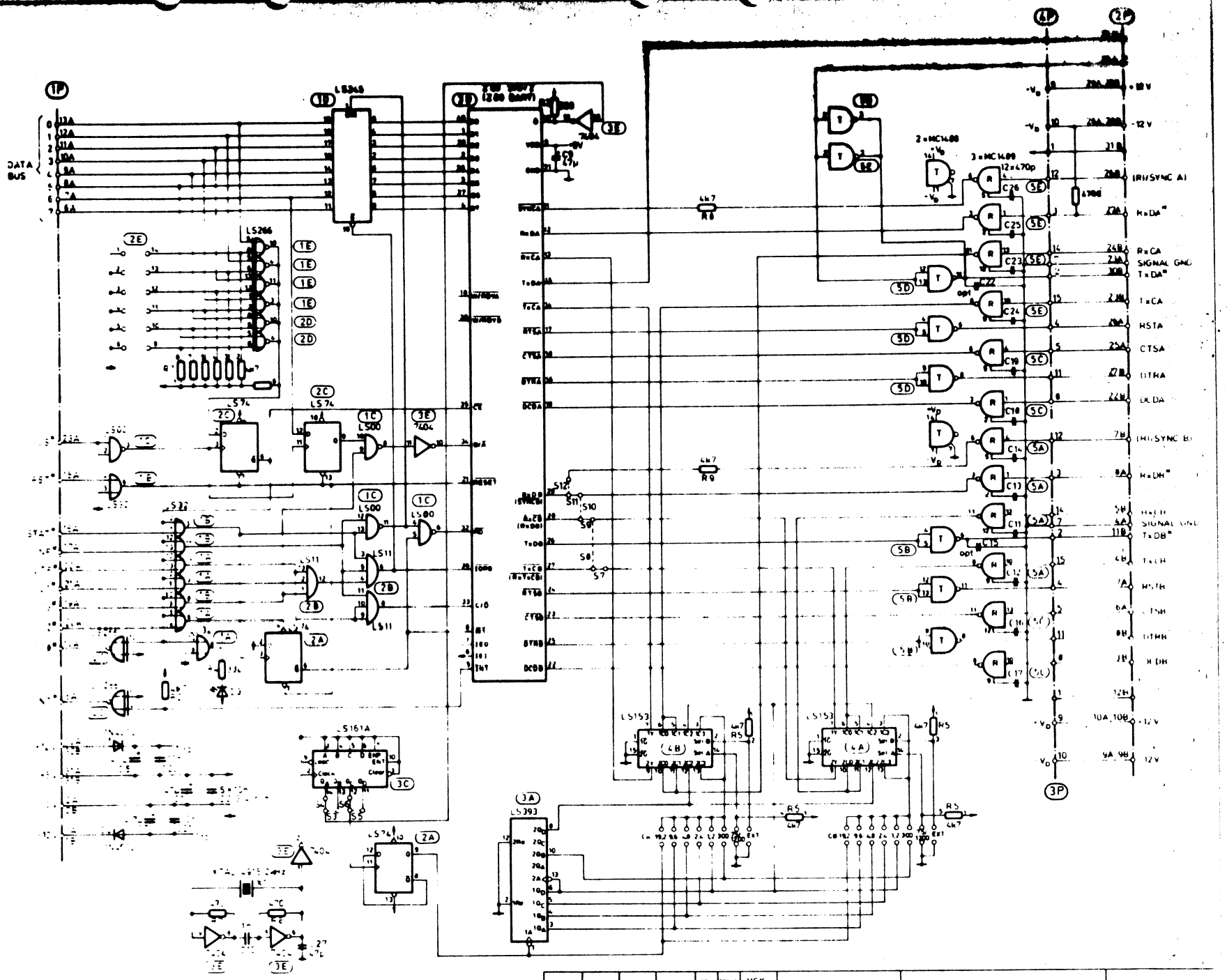
	C	B	A			MK	DATAINDUSTRIER AB	ABC 80 XEBEC INTERFACE	81-4107-00

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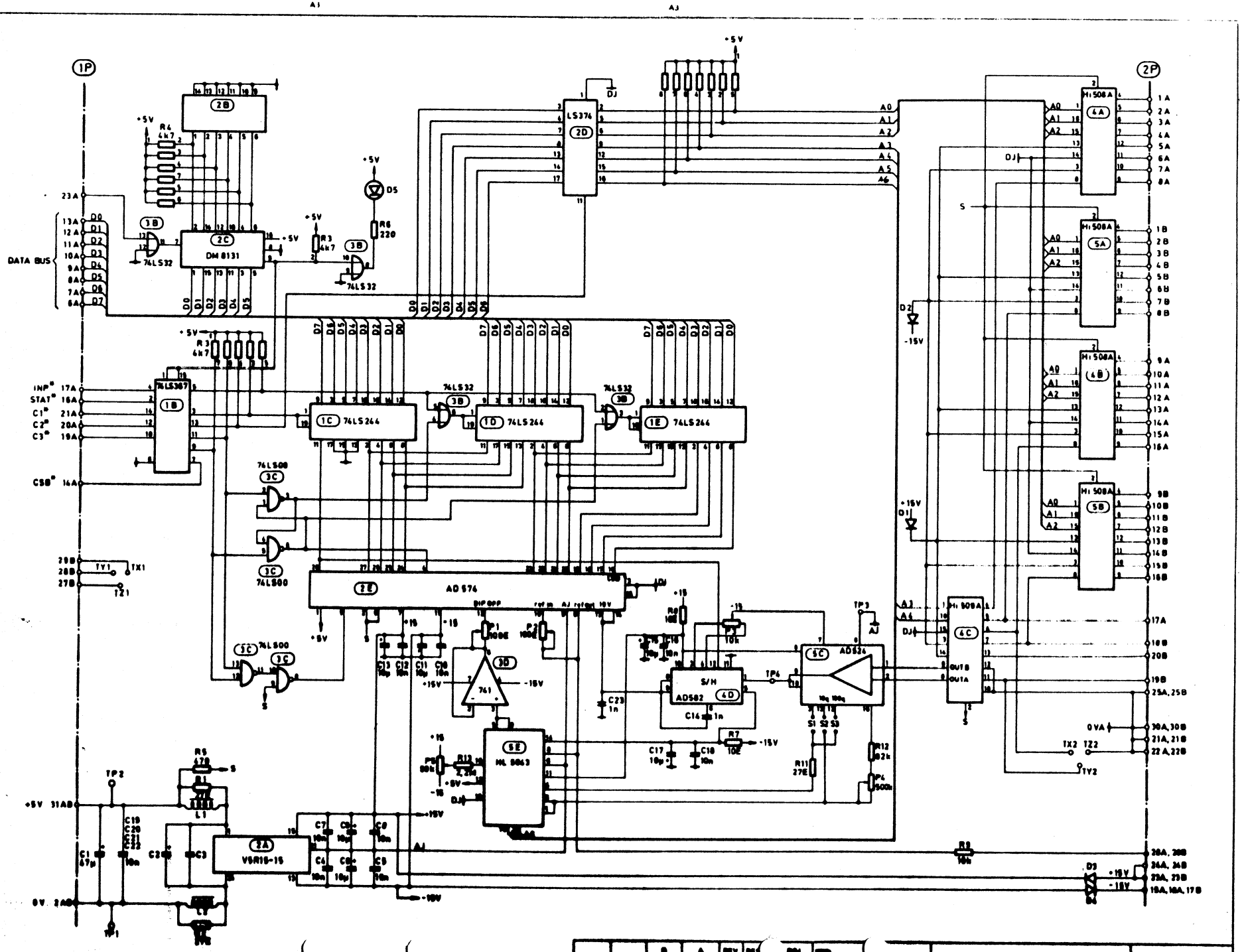

DATA BUS
74LS257A
74LS373
74LS374
74LS175
74LS14
74LS10
74LS08
74LS32
74LS132
74LS38
7407
7438
1N4148
R/W"
TREN"
TRRQ
+5V
0V
CS0"
C4"
C3"
C2"
C1"
UTP"
STAT"
INP"
CS"
RST"
CSS"
INT"
PREN"
TDIR
OS"
TREQ"
CD"
RST"
STAT
INT"
IS"
S1
R1 1k
R18 22k
R21 22k
R9 4.7k
R8 330
R2 100
R3 10k
R4 220
R5 1k
R6 220
R7 1k
R10 2.2k
R11 470
R12 1k
R13 220
R14 220
R15 220
R16 220
R17 1k
R19 1k
R20 1k
R22 1k
C1,2 C5,6 C8,9
C12
C7 100p
C4 100p
C3 0p
C13 100p
C11 10µ
C10 10n
D1
D2
D9
LD1
1P
2P
2-26A 2B


DATA BUS
LS245
Z80 SIO/2 (Z80 DART)
LS266
LS74
LS00
LS32
LS11
LS161A
LS153
LS393
7404
R1 4k7
R2 4k7
R3 330
R4 330E
R5 4k7
R6 470
R7 470
R8 4k7
R10 470E
C1 47µ
C2,3,4,6,8 10n
C5 4,7µ
C7 4,7µ
C9 47µ
C10 1n
C20 10n
C21 10n
C27 47p
C28 47p
D1 1N4002
D2 1N4002
D3
X1 XTAL: 4915,2kHz
2 = MC1488
3 = MC1489
12 x 470p
opt 22
opt 15
S1
S2
CS"
RST"
STAT"
INP"
UTP"
C1"
C3"
C2"
CSB"
INT"
+12V
+5V
0V
-12V
+Vp
-Vp
(RI/SYNC A)
R=DA"
R=CA
SIGNAL GND
T=DA"
T=CA
RSTA
CTSA
DTRA
DCDA
(RI/SYNC B)
R=DB"
R=CB
SIGNAL GND
T=DB"
T=CB
RSTB
CTSB
DTRB
DCDB
DATAINDUSTRIER AB
SVERIGE
2 x USART-SIO
81-4110-00

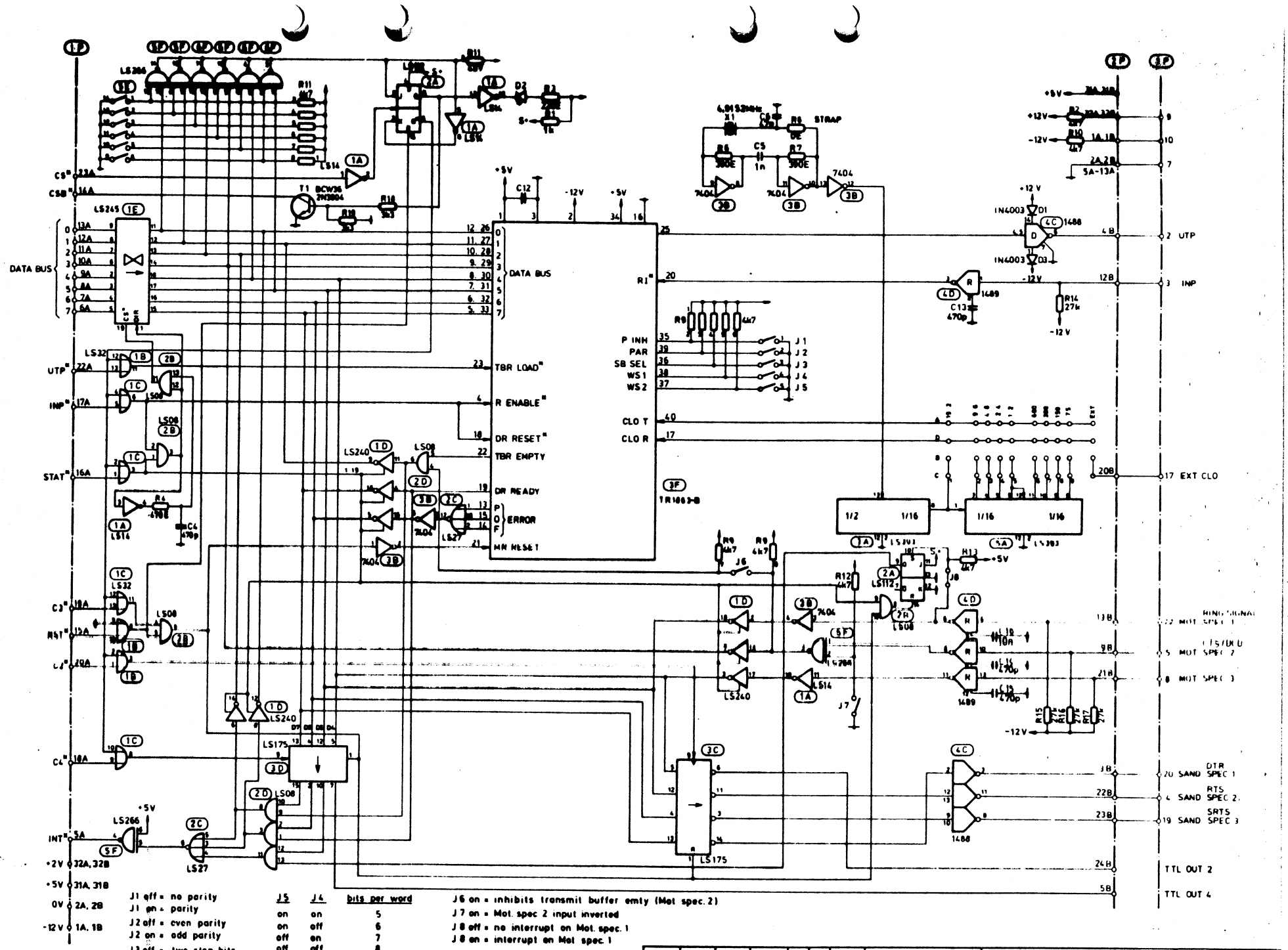

DATA BUS
LS245
LS266
LS74
LS00
LS04
LS32
LS11
LS161A
LS153
LS393
2 = MC1488
3 = MC1489
12 x 470p
C26
C25
C23
C22
C24
C19
C18
C14
C13
C11
C12
C16
C17
R8
R9
R5
S12
S11
S10
S9
S8
S7
(IR)SYNC A)
R×DA"
R×CA
SIGNAL GND
T×DA"
T×CA
RSTA
CTSA
DTRA
DCDA
(IR)SYNC B)
R×DB"
SIGNAL GND
T×DB"
T×CB
RSTB
CTSB
DTRB
RCDB
+12 V
-12 V
12V
2P
3P

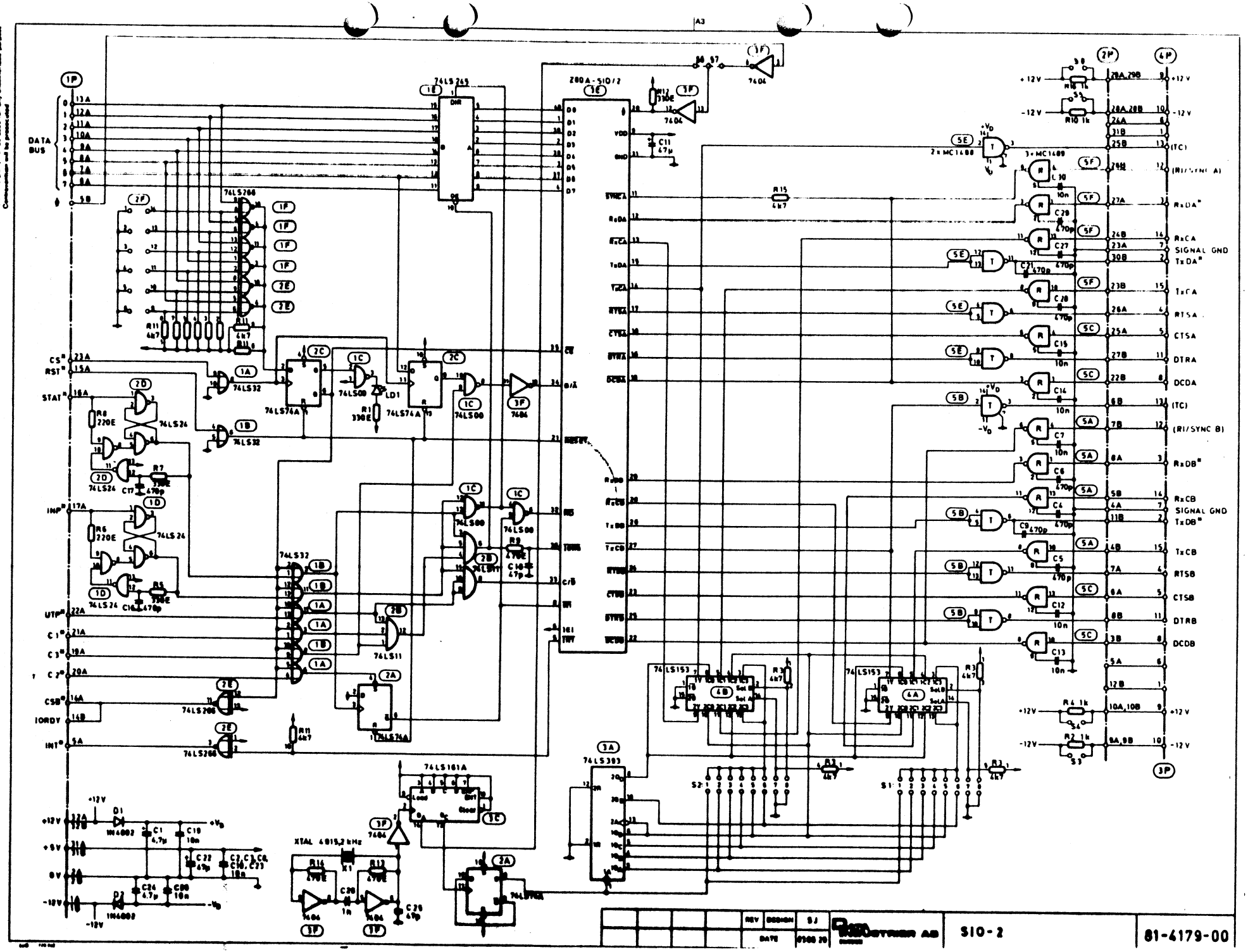
| | | |

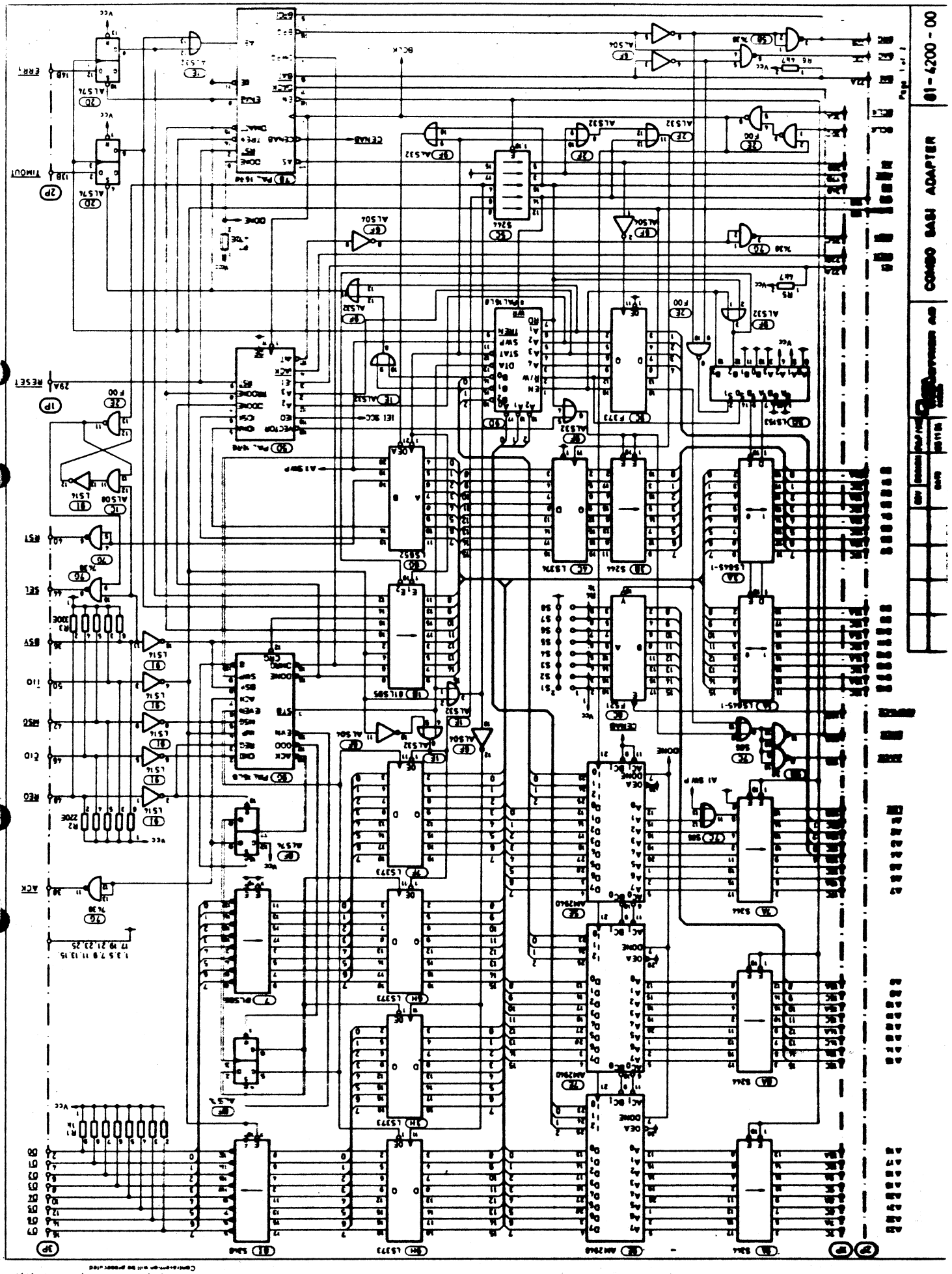
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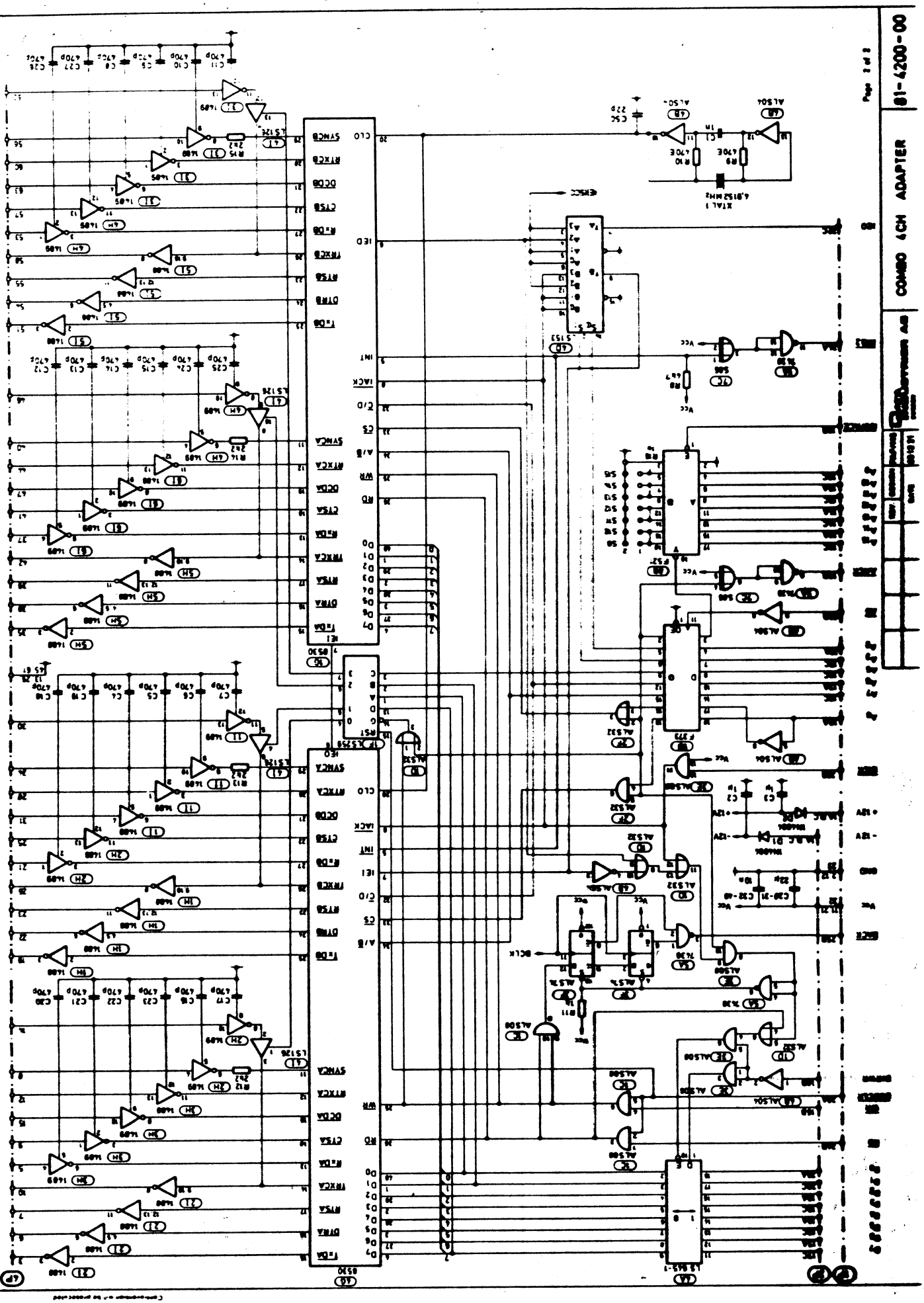


| | | |

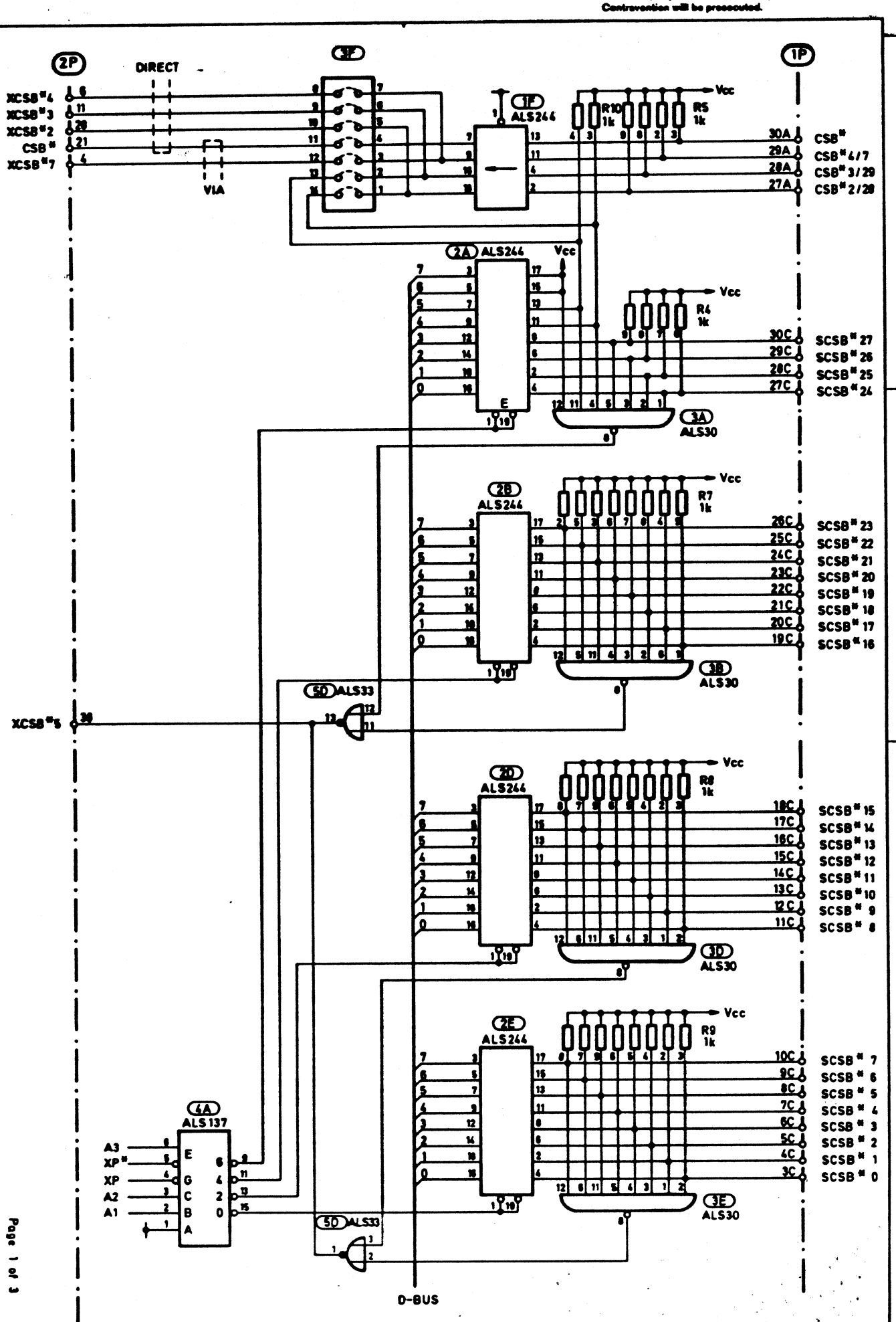

DATA BUS
TBR LOAD"
R ENABLE"
DR RESET"
TBR EMPTY
DR READY
ERROR
MR RESET
TR1863-B
P INH
PAR
SB SEL
WS1
WS2
CLO T
CLO R
J1
J2
J3
J4
J5
STRAP
UTP
INP
STAT"
CS"
CSB"
INT"
EXT CLO
RING SIGNAL
MOT SPEC 1
MOT SPEC 2
MOT SPEC 3
SAND SPEC 1
SAND SPEC 2
SAND SPEC 3
TTL OUT 2
TTL OUT 4
J1 off = no parity
J1 on = parity
J2 off = even parity
J2 on = odd parity
J3 off = two stop bits
J3 on = one stop bit
J4 J5 bits per word
on on 5
on off 6
off on 7
off off 8
J6 on = inhibits transmit buffer emty (Mot spec. 2)
J7 on = Mot. spec 2 input inverted
J8 off = no interrupt on Mot. spec. 1
J8 on = interrupt on Mot spec 1
DATAINDUSTRIER AB
SWEDEN
UART - 3
81-4117-00


A3
DATA BUS
Z80A-SIO/2
74LS245
74LS266
74LS32
74LS74A
74LS00
74LS24
74LS11
74LS161A
74LS393
74LS153
74LS283
74LS08
7404
XTAL 4915,2 kHz
+12V
-12V
+5V
0V
CS*
RST*
STAT*
INP*
UTP*
C1*
C3*
C2*
CSB*
IORDY
INT*
RxDA*
RxCA
SIGNAL GND
TxDA*
TxCA
RTSA
CTSA
DTRA
DCDA
(TC)
(RI/SYNC B)
RxDB*
RxCB
SIGNAL GND
TxDB*
TxCB
RTSB
CTSB
DTRB
DCDB
SIO-2
81-4179-00


COMBO BASH ADAPTER
01-4200-00


81-4200-00
COMBO 4CH ADAPTER

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REV. DESIGN CHANGE / HISTORY

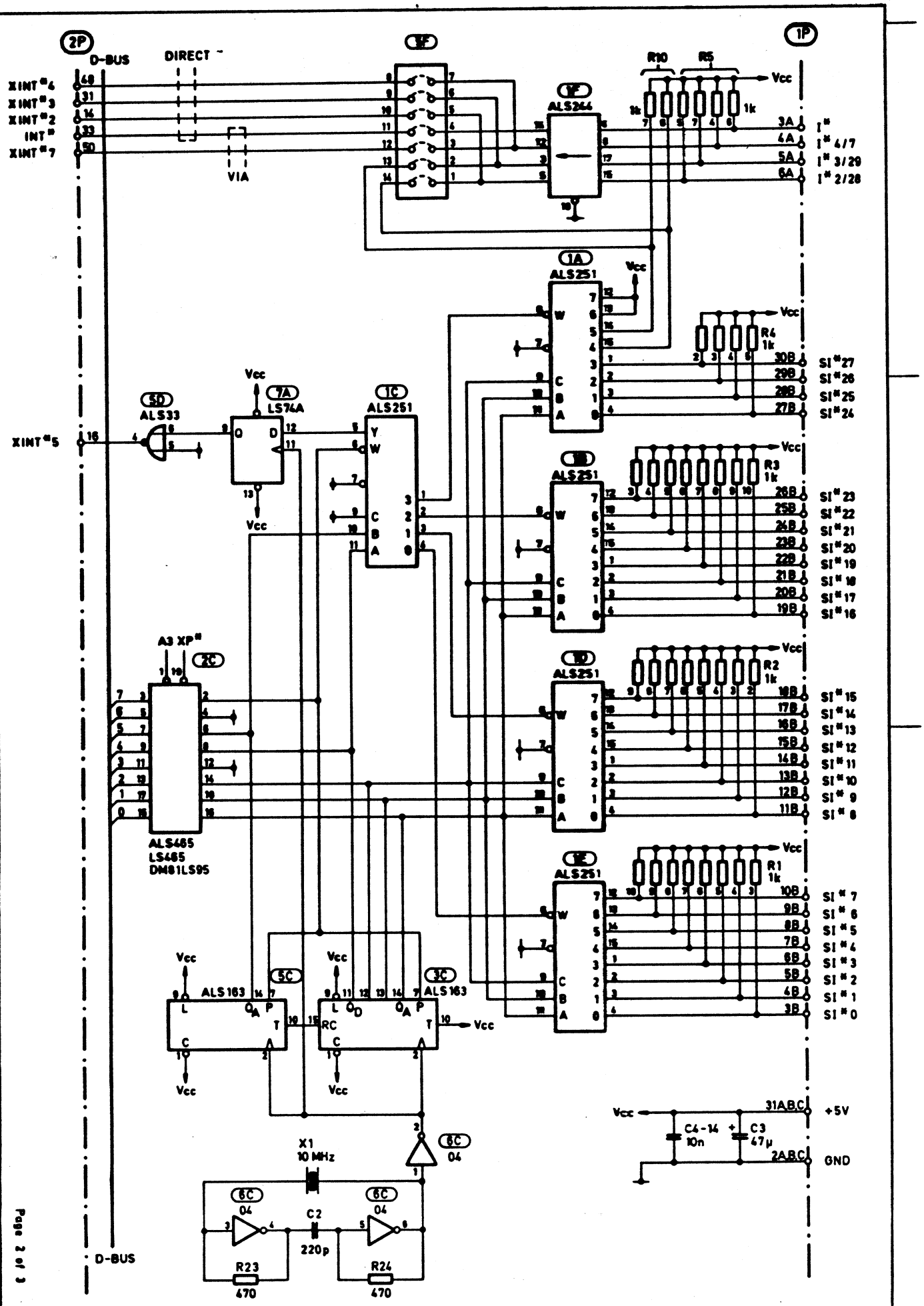
DATE

DM! I/O ADP EXP

81-4202-00

Page 1 of 3

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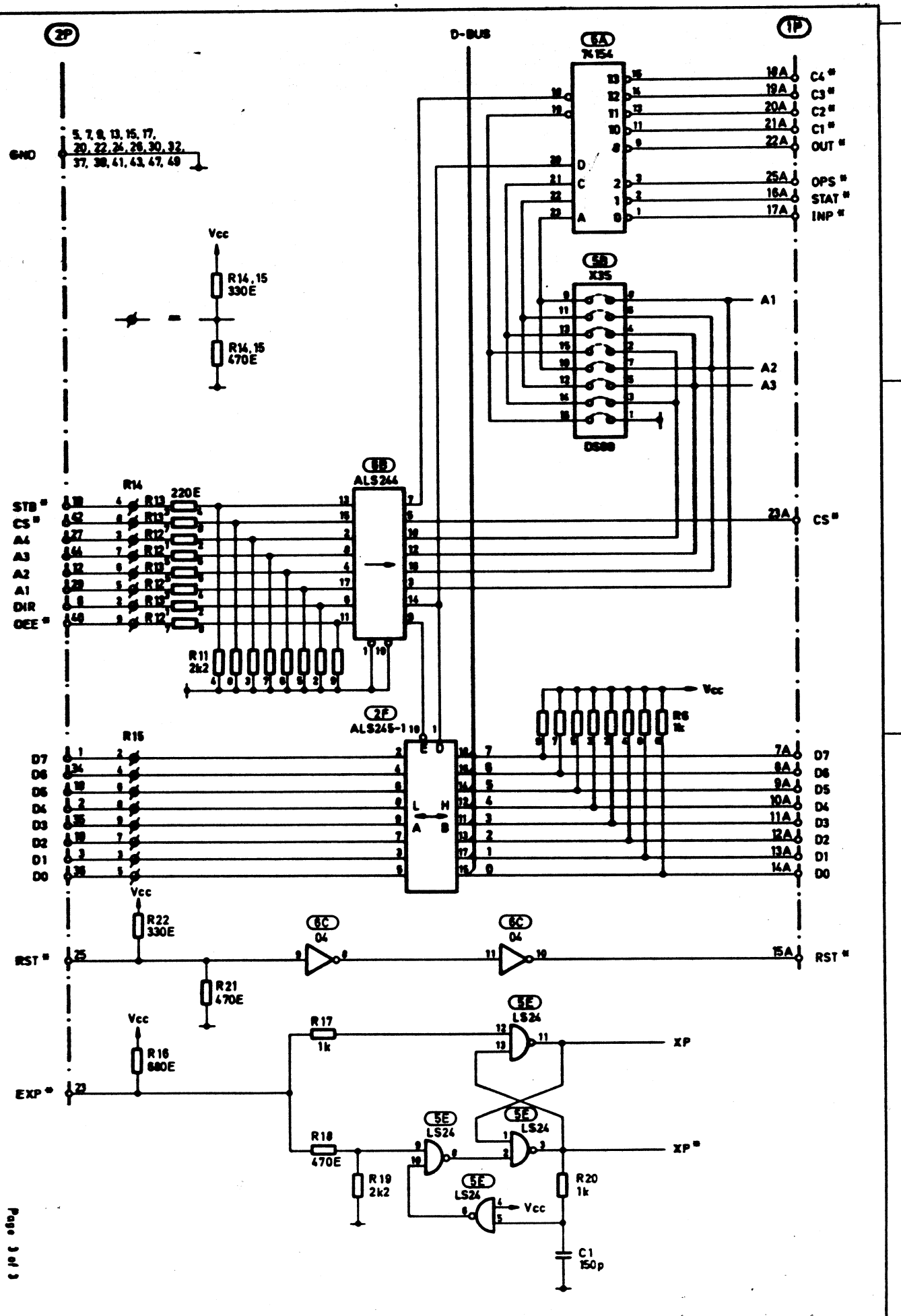
REV.
DESIGN
DATE
DRAWN

DM I/O ADP EXP

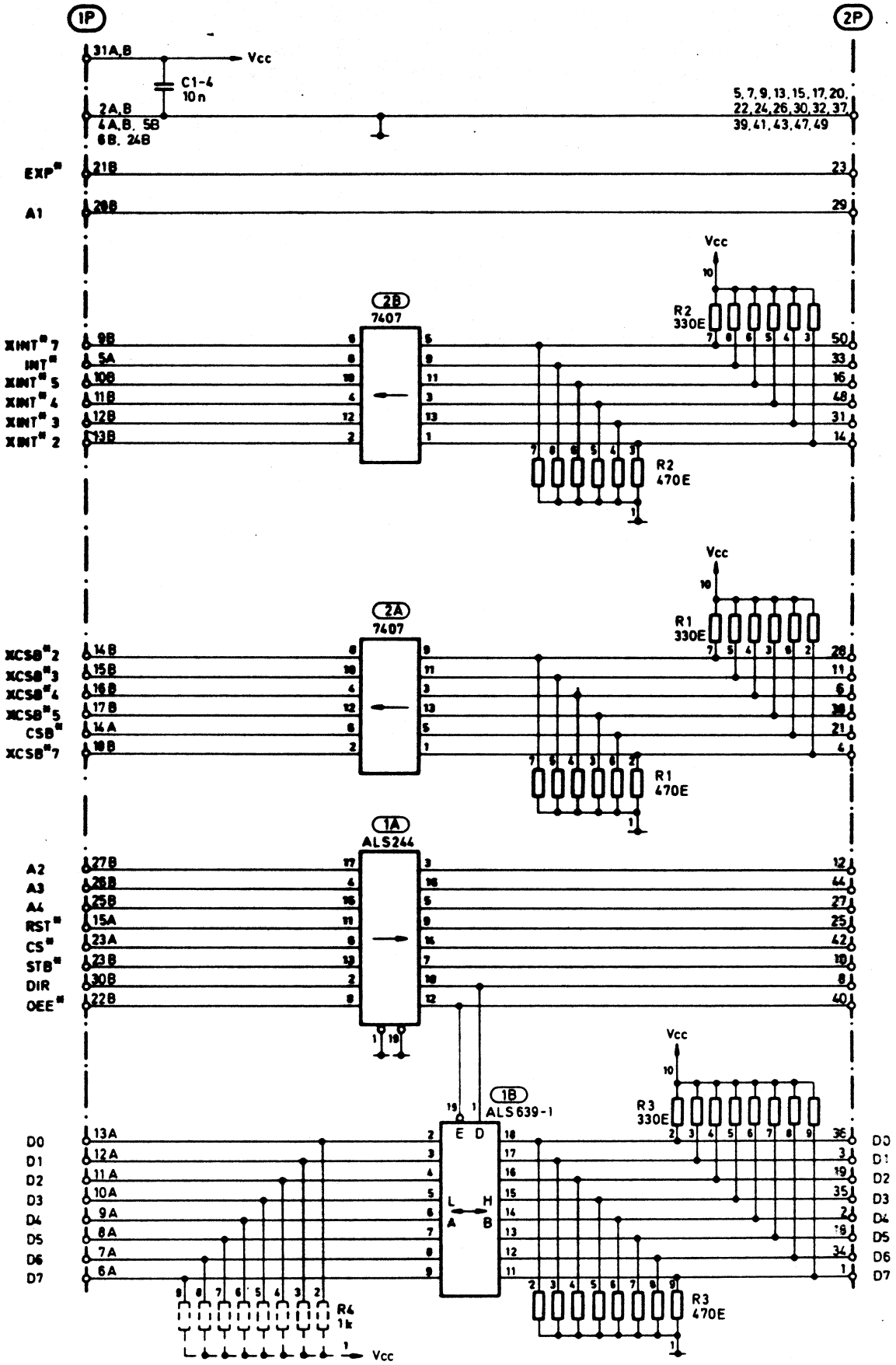
81-4202-00

Page 2 of 3

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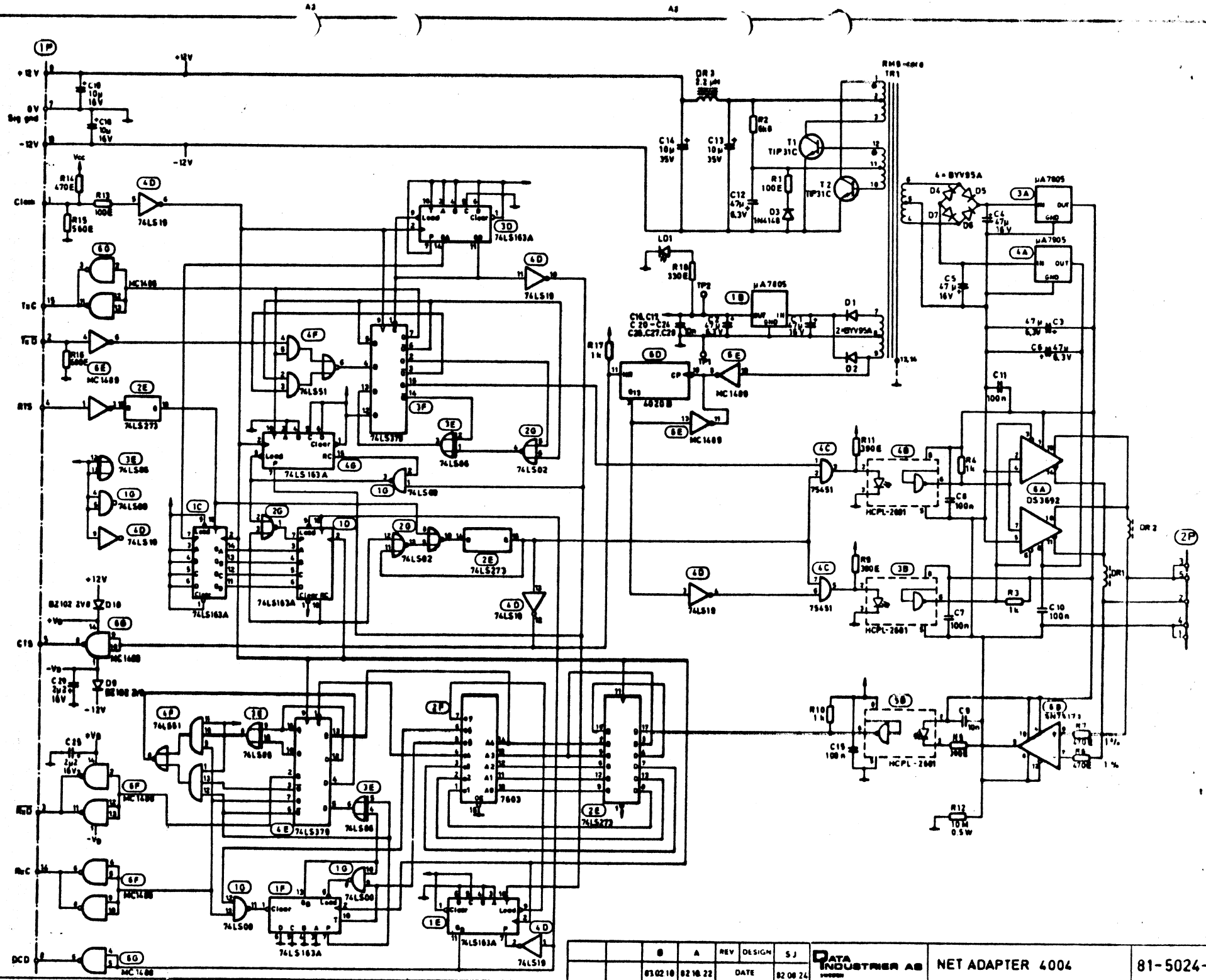


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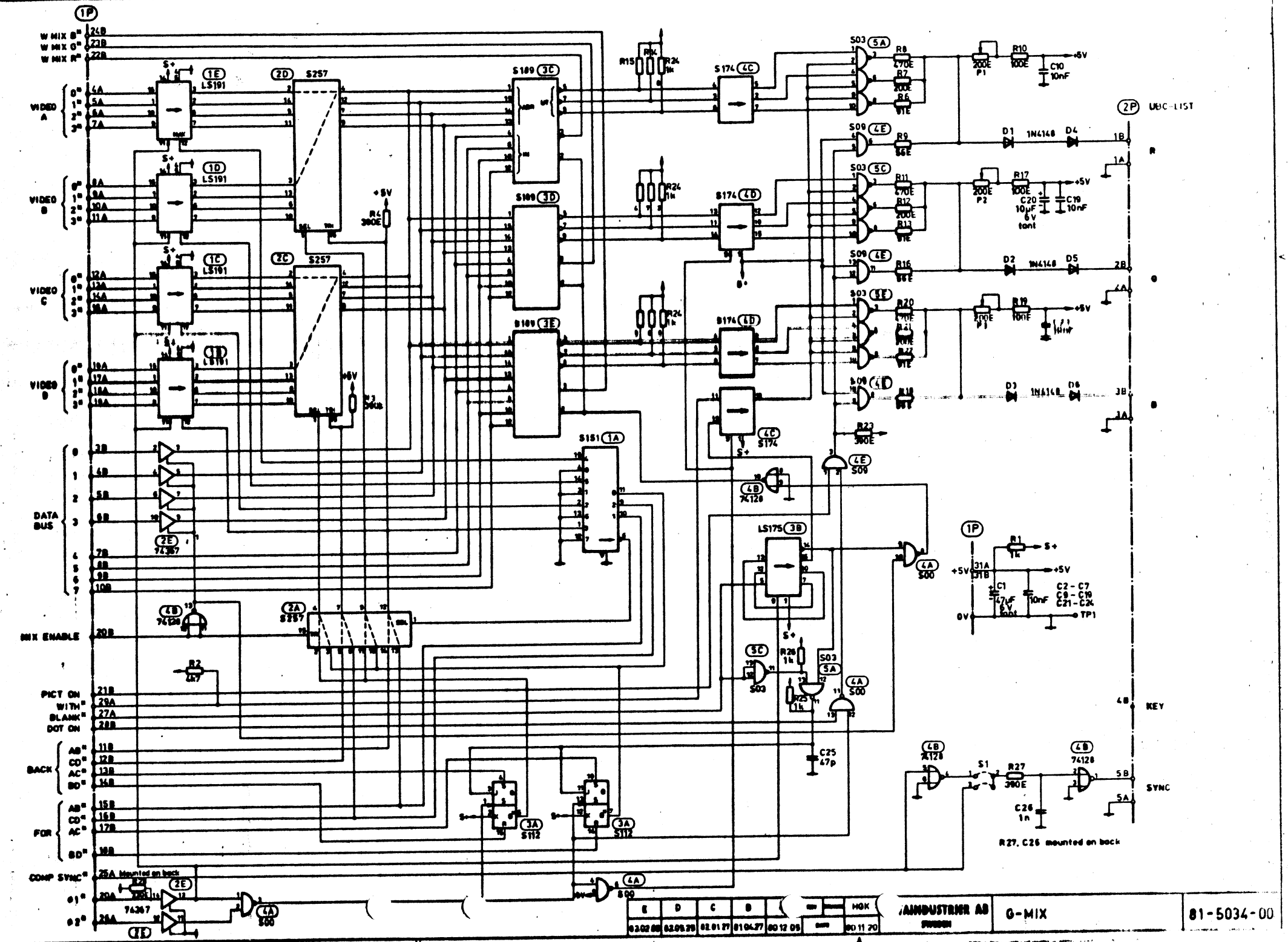


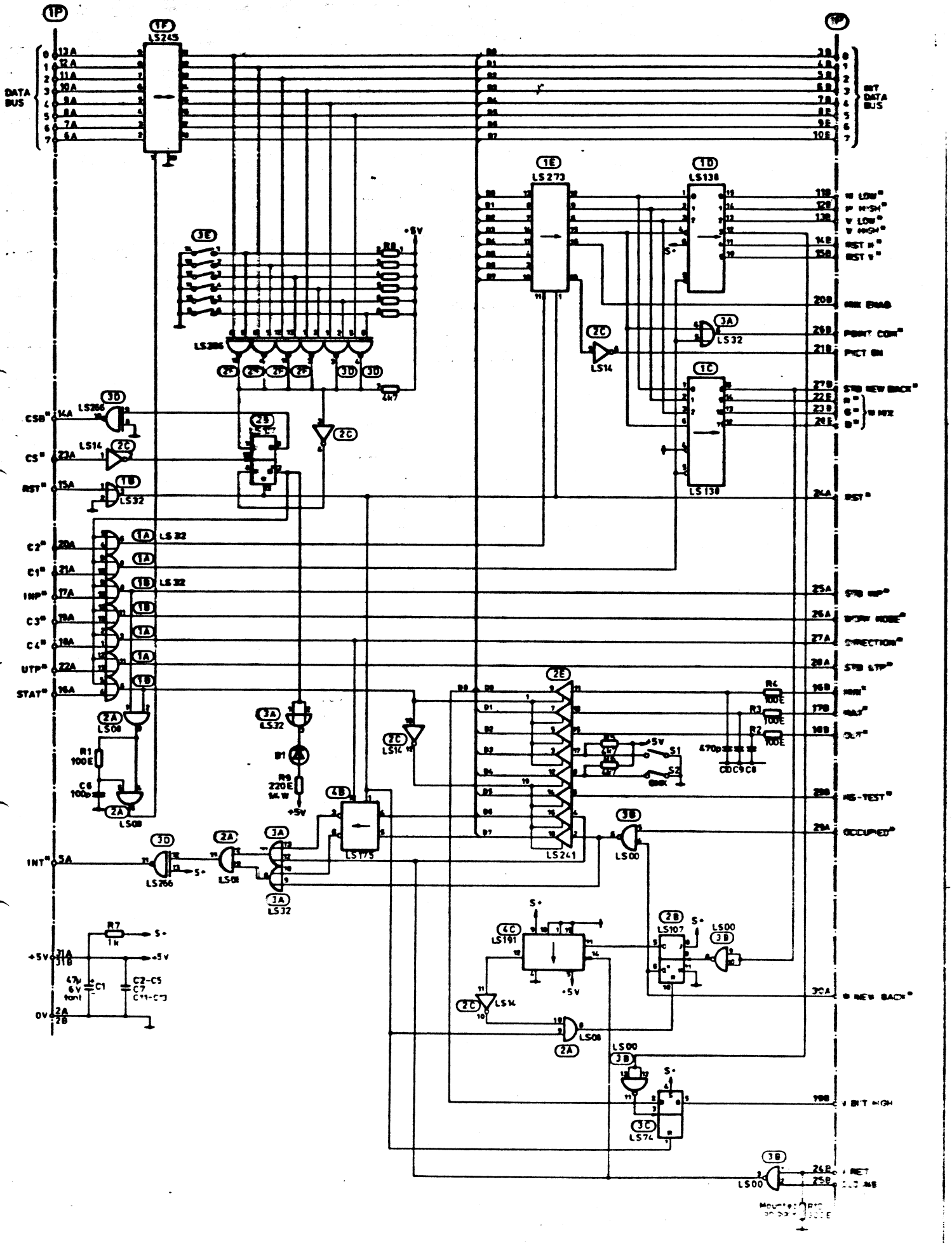
DMI I/O ADP DS90

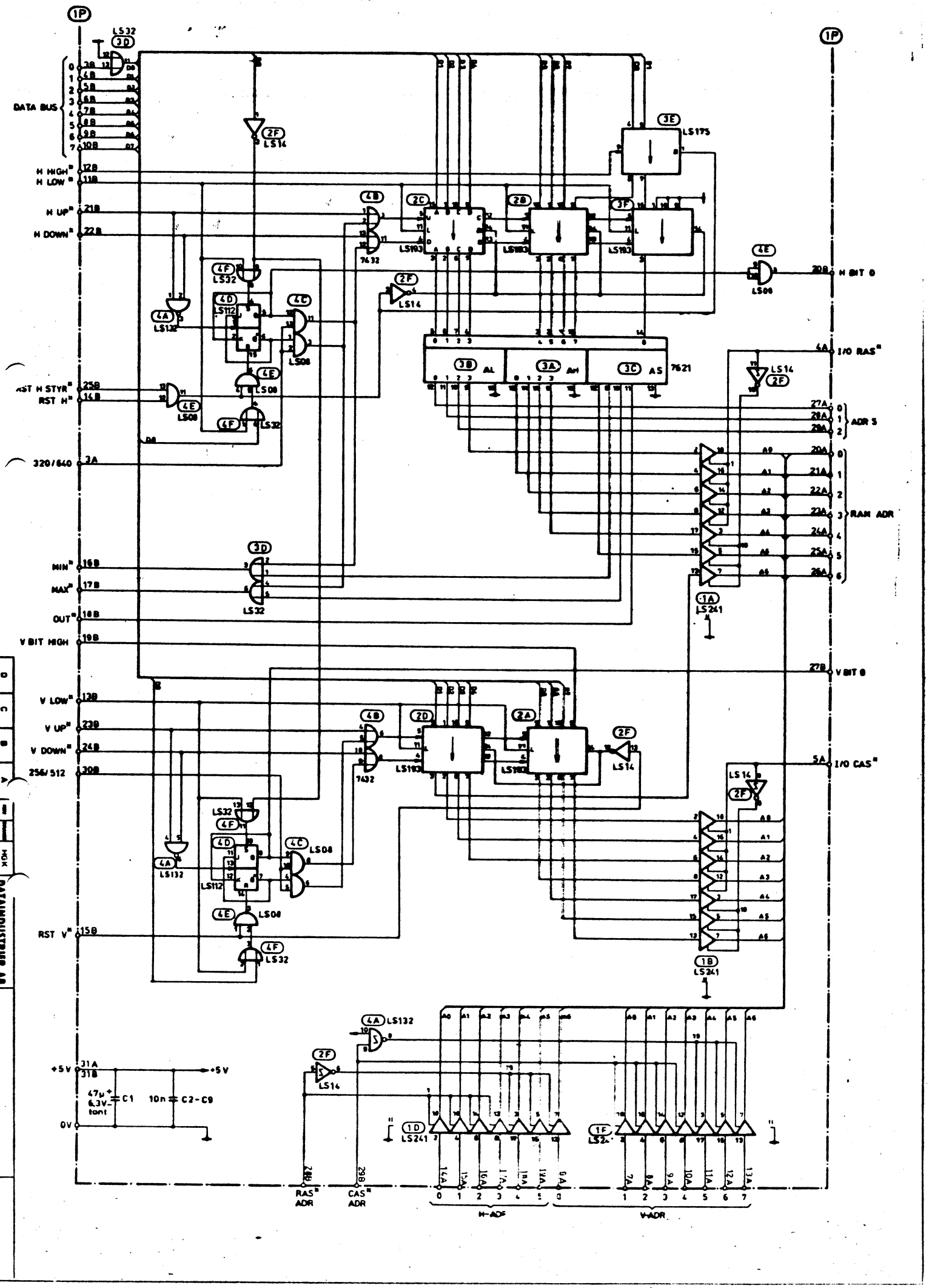
81-4203-00



		B	A	REV	DESIGN	SJ	DATA INDUSTRIER AB	NET ADAPTER 4004	81-5024-00
		83 02 10	82 10 22	DATE		82 08 24			


W MIX B"
W MIX G"
W MIX R"
VIDEO A
VIDEO B
VIDEO C
VIDEO D
DATA BUS
MIX ENABLE
PICT ON
WITH"
BLANK"
DOT ON
BACK
FOR
COMP SYNC"
LS191
S257
S189
S174
S151
LS175
74367
74128
S112
S00
S03
S09
+5V
R1 1k
R2 2k7
R4 390E
R23 390E
R25 1k
R26 1k
R27 390E
C10 10nF
C19 10nF
C20 10µF 6V tant
C25 47p
C26 1n
D1 1N4148
D2 1N4148
D3 1N4148
D4
D5
D6
S1
TP1
R, G, B
KEY
SYNC
R27, C26 mounted on back
G-MIX
81-5034-00


DATA BUS
INT DATA BUS
LS245
LS273
LS138
LS138
LS32
LS14
LS266
LS08
LS32
LS32
LS32
LS08
LS175
LS241
LS00
LS191
LS107
LS00
LS00
LS74
LS00
CS8"
CS"
RST"
C2"
C1"
INP"
C3"
C4"
UTP"
STAT"
INT"
+5V
0V
R1 100E
C6 100p
R9 220E 1/4 W
R7 1k
47µ 6V tant
C1
C2-C5
C7
C11-C13
R4 100E
R3 100E
R2 100E
470p
CDC9C8
S1
S2
W LOW"
W HIGH"
V LOW"
V HIGH"
RST H"
RST V"
BRK ENAB
PRINT COM"
PICT ON
STB NEW BACK"
R"
G"
B"
10 MIX
RST"
STB HP"
STB UTP"
MS-TEST"
OCCUPIED"
W NEW BACK"
V BIT HIGH
RST
1P
1E
1D
1C
2E
4C
2B
3E
3D
2C
3A
1A
1B
2A
4B
3B
3C
1F



D C B A

81 02 06 | 82 01 27 | 06 27 | 06 12 02 | 00 00 15

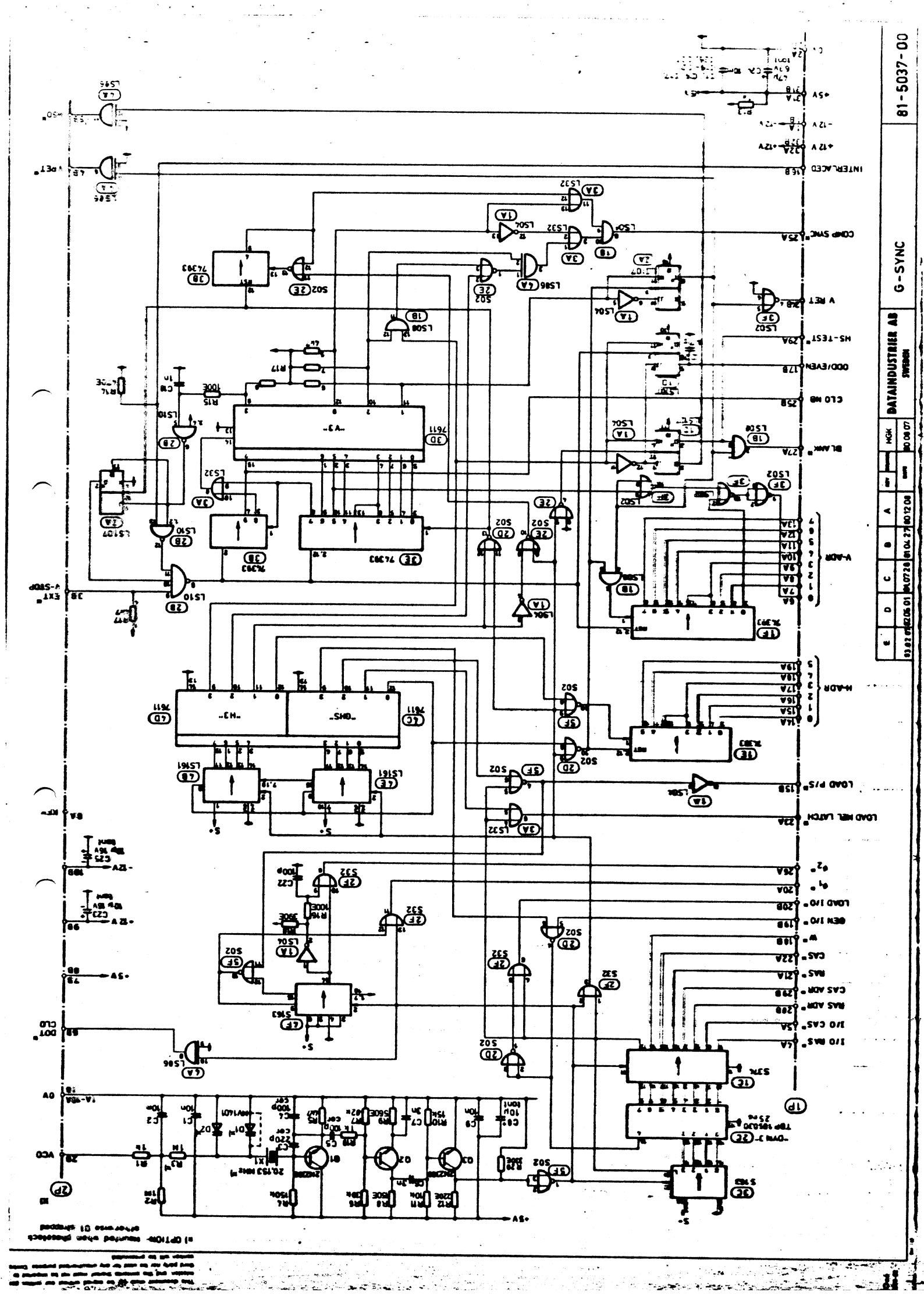
HDK

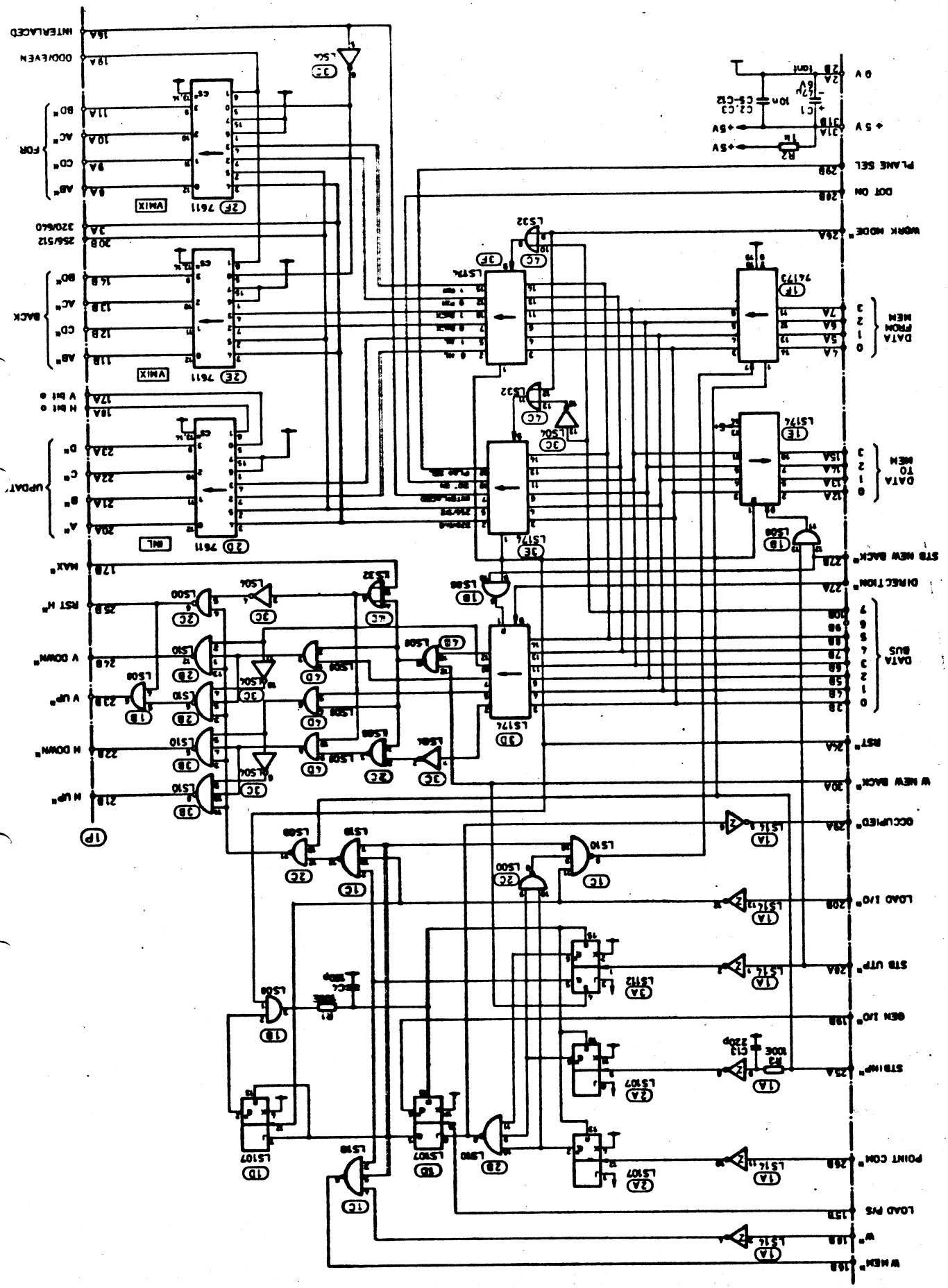
DATAINDUSTRIER AB

SWEDEN

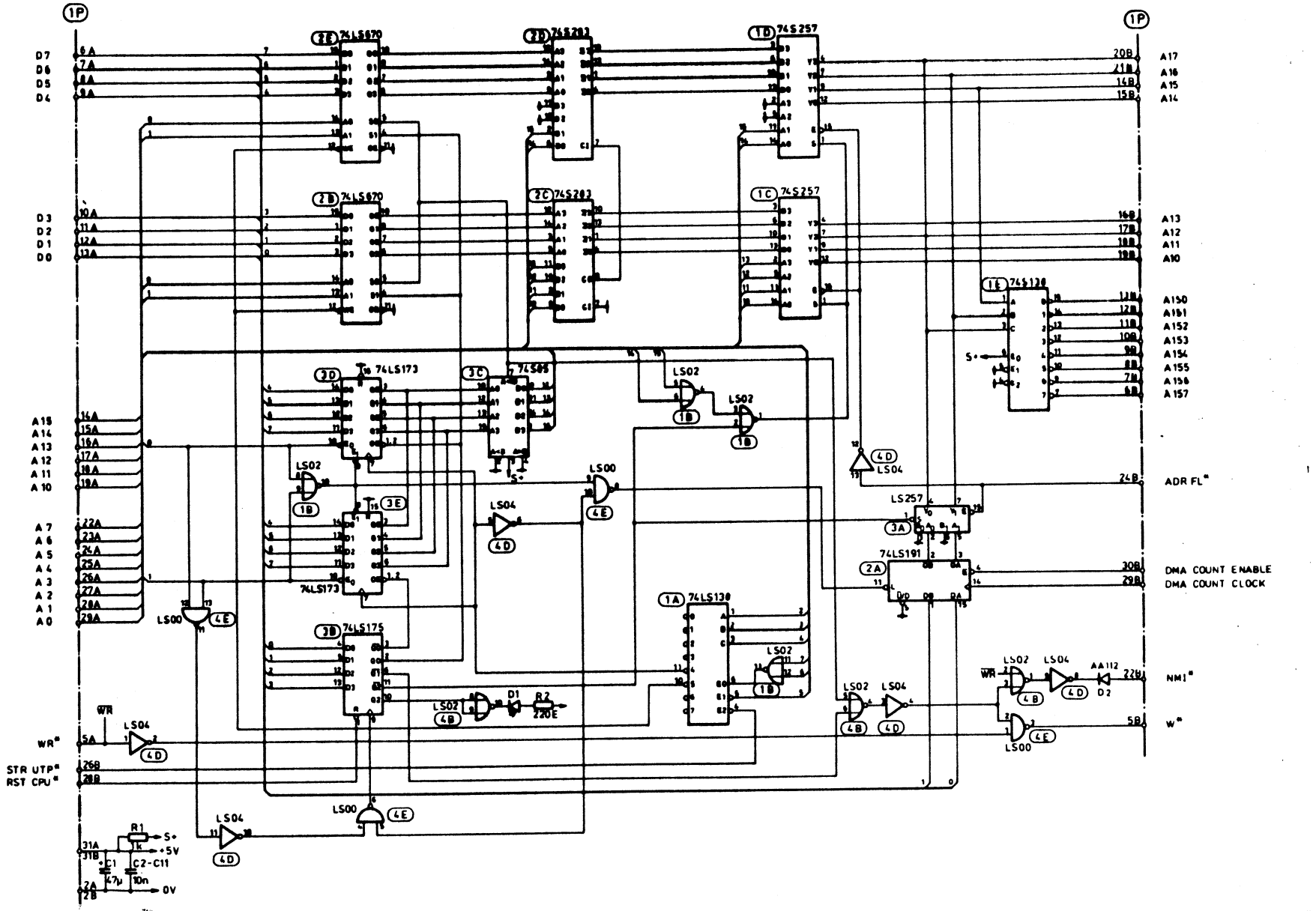
G-ADR

81-5036-00


81-5037-00
G-SYNC
DATAINDUSTRIER AB
SWEDEN
INTERLACED
COMP SYNC
V RET
HS-TEST
ODD/EVEN
CLO NB
BLANK
V-ADR
H-ADR
LOAD P/S
LOAD NBL LATCH
LOAD I/O
OEN I/O
CAS
RAS
CAS ADR
RAS ADR
I/O CAS
I/O RAS
EXT V-SYNC
DOT CLO
VCO
+5V
+12V
-12V
-5V
74393
74611
74161
74283
74373
LS32
LS04
LS08
LS86
LS10
LS02
LS107
LS96
LS66
LS74
LS00
LS20
LS27
LS30
LS51
LS109
LS138
LS157
LS158
LS175
LS244
LS245
LS273
LS374
LS377
LS393
LS670
TBP18S030
25MHz

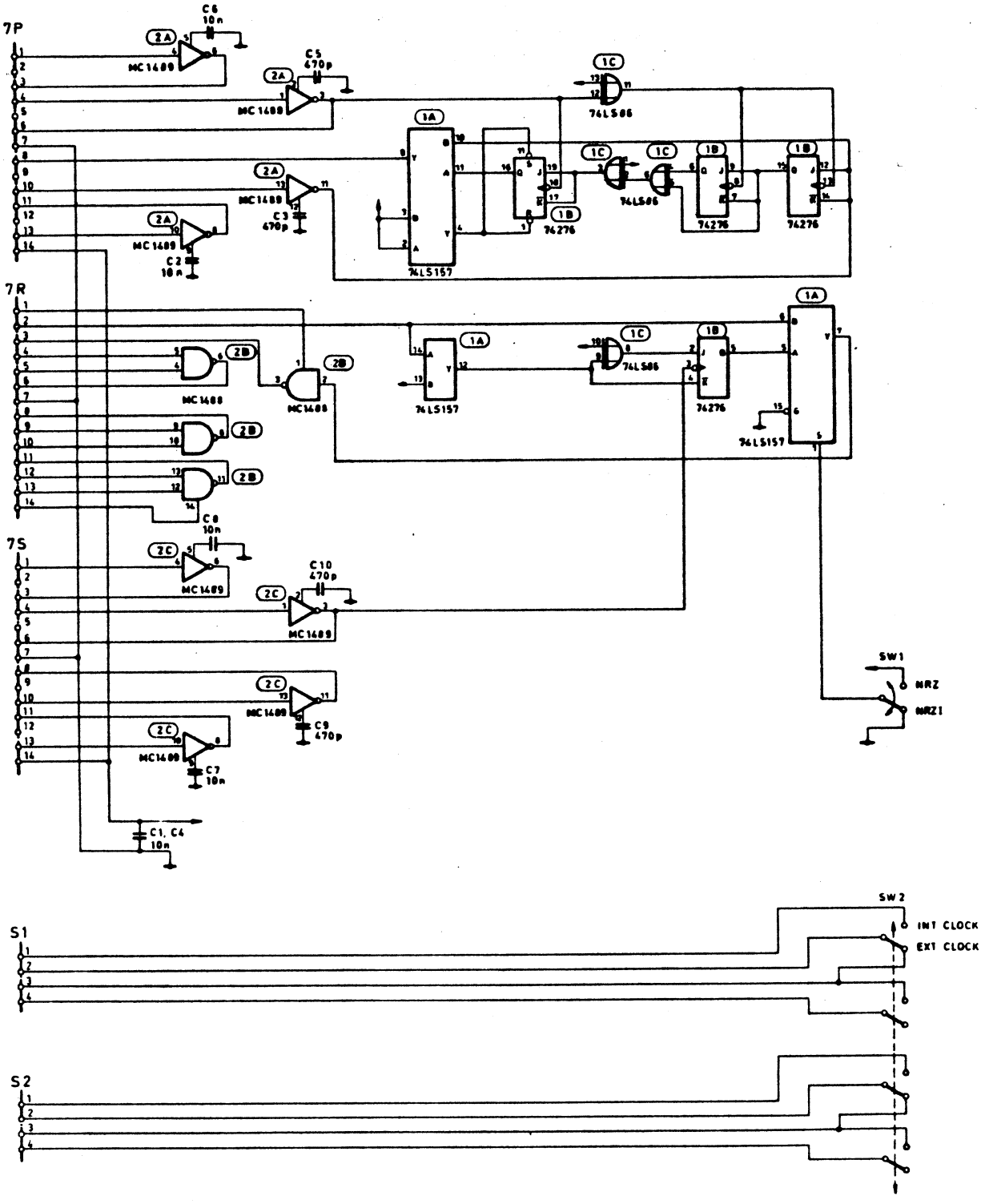


							81-5038-00
							G-STYR
							DATAINDUSTRIER AB
							HÖK
D	C	B	A				
9203	9202	9201	9104				



	C	B	A	rev		PAF	DATAINDUSTRIER AB SWEDEN	MEMORY MAPPER	81-5040-00
	8302 08	82 12 20	8104 15	date		81 01 09			

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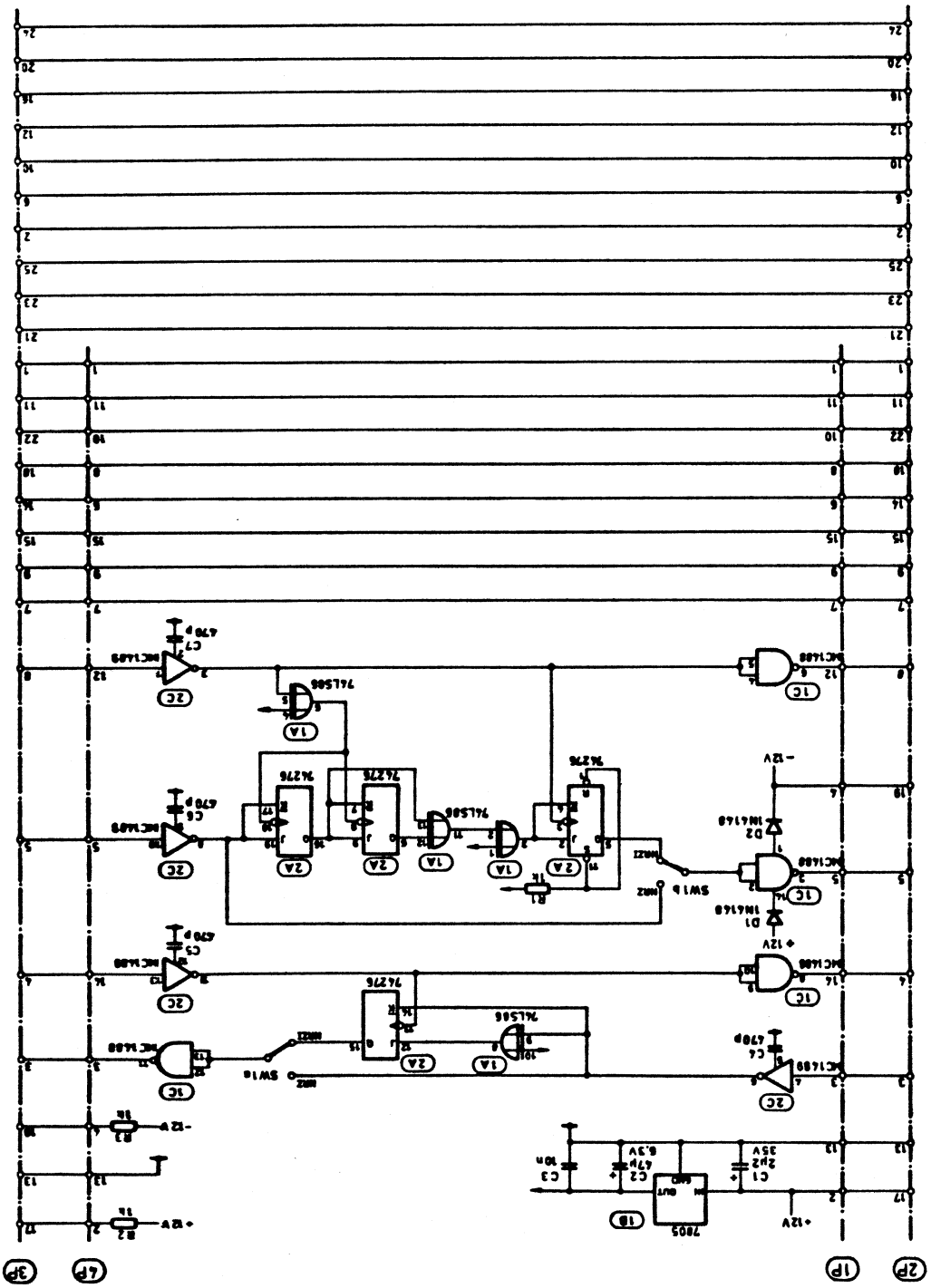


		A		
82 10 11				
		SJ		
82 08 26				

DATA INDUSTRIER AB

ABC 800 NRZI ADAPTER

81-5047-00



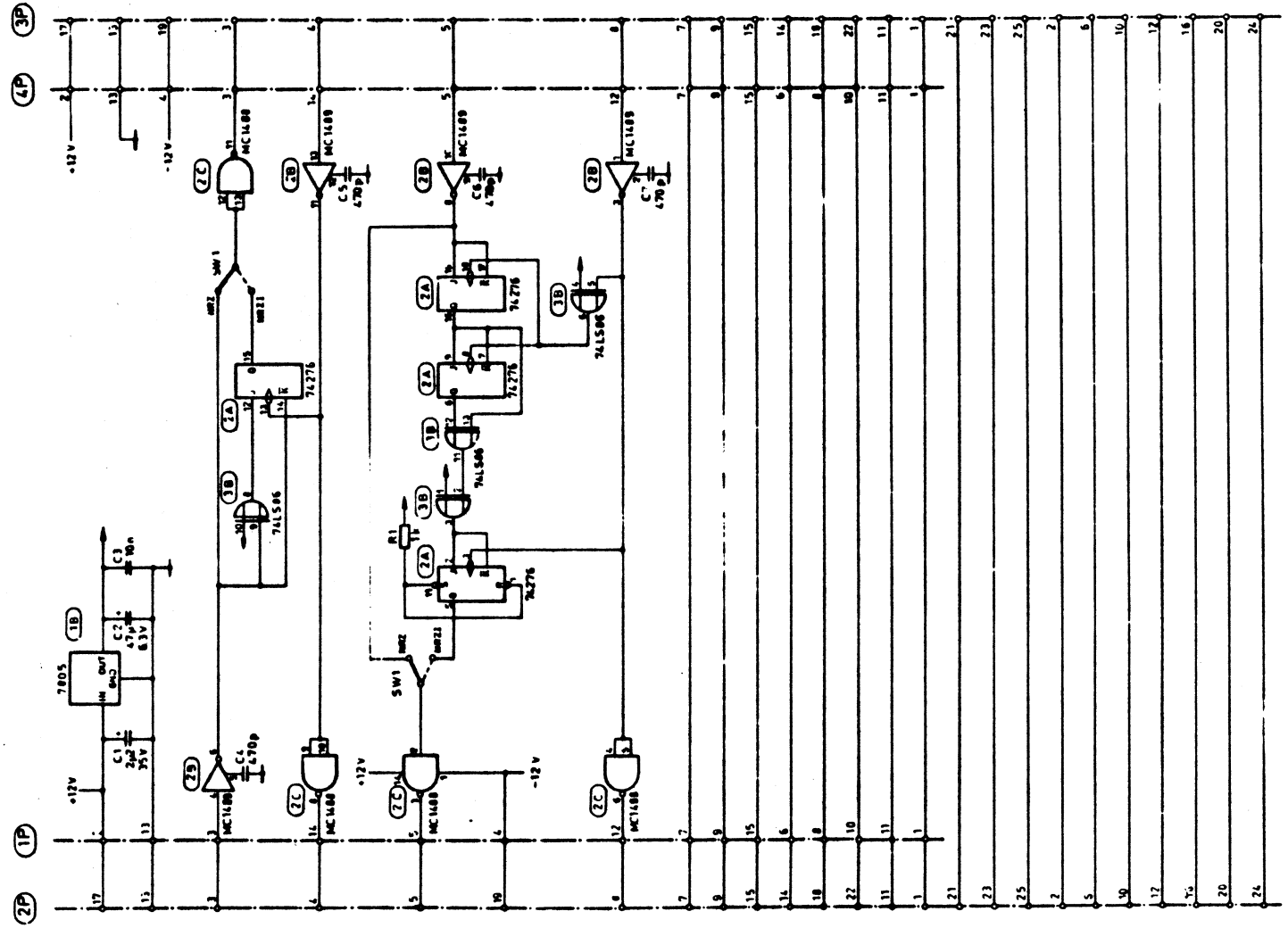
REV	DESIGN	SJ
A	DATE	92 08 26
92.10.11		

DATA INDUSTRIER AB

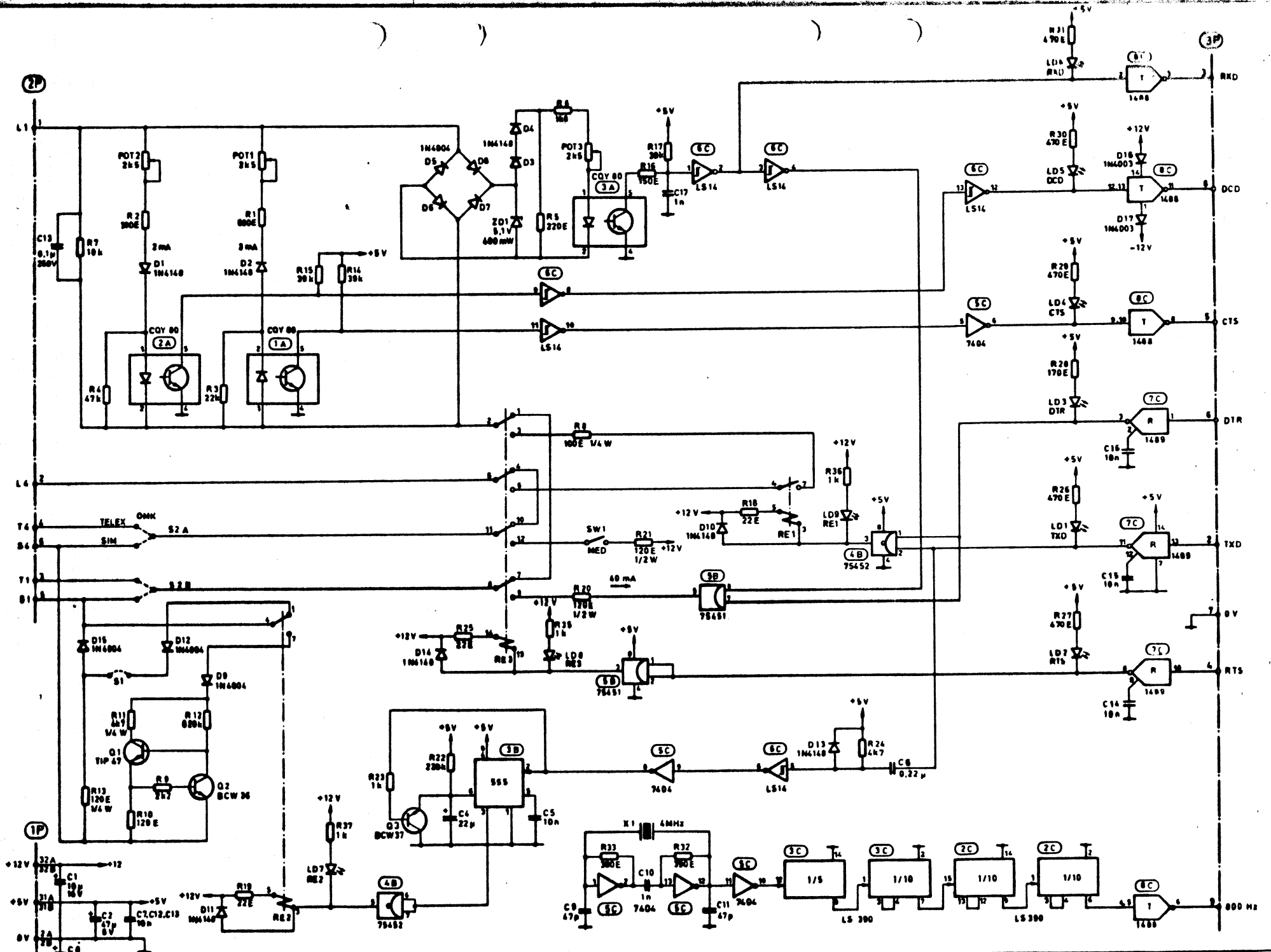
4110-MONTY NRZI ADAPTER

81-5048-00

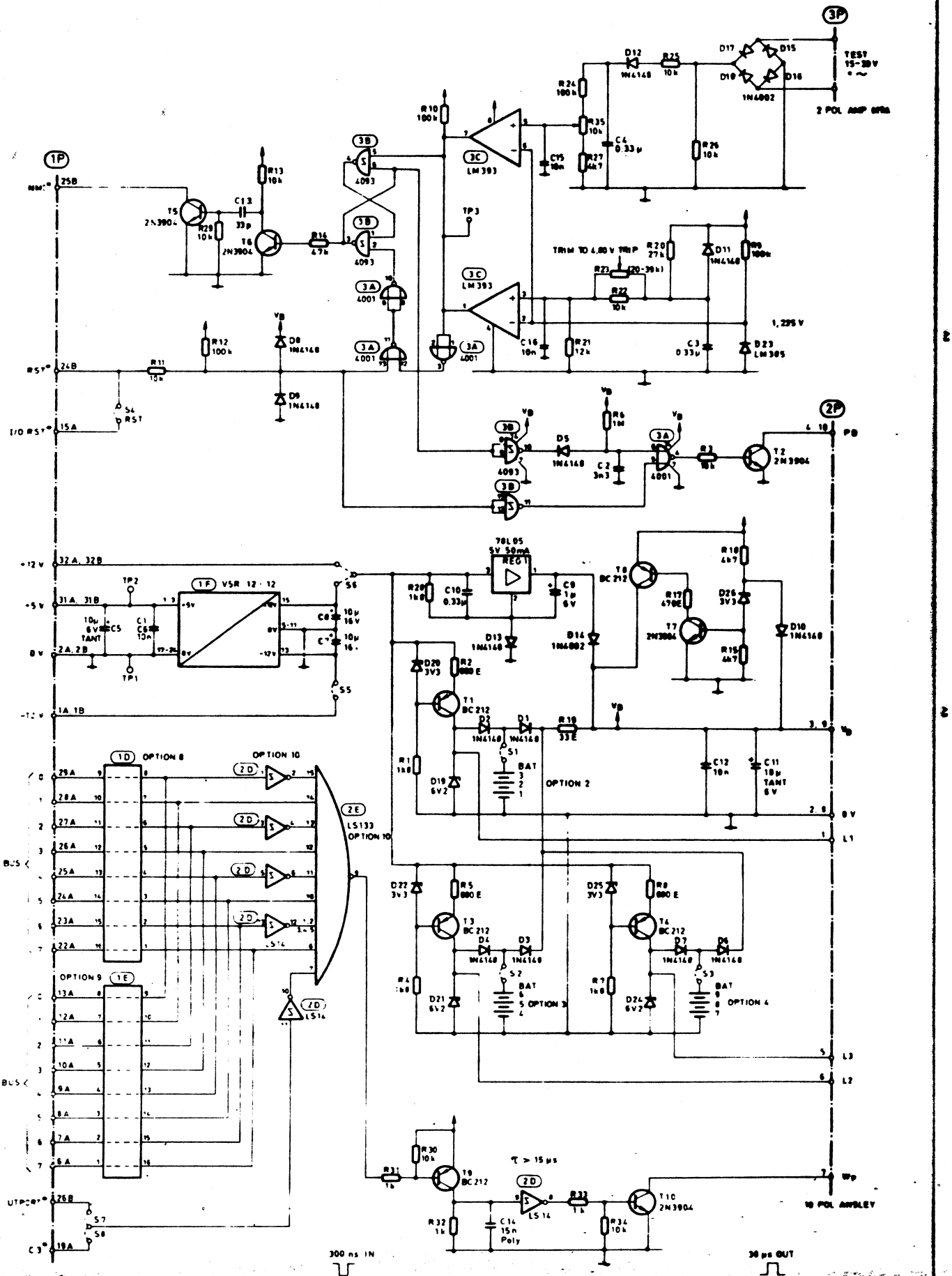
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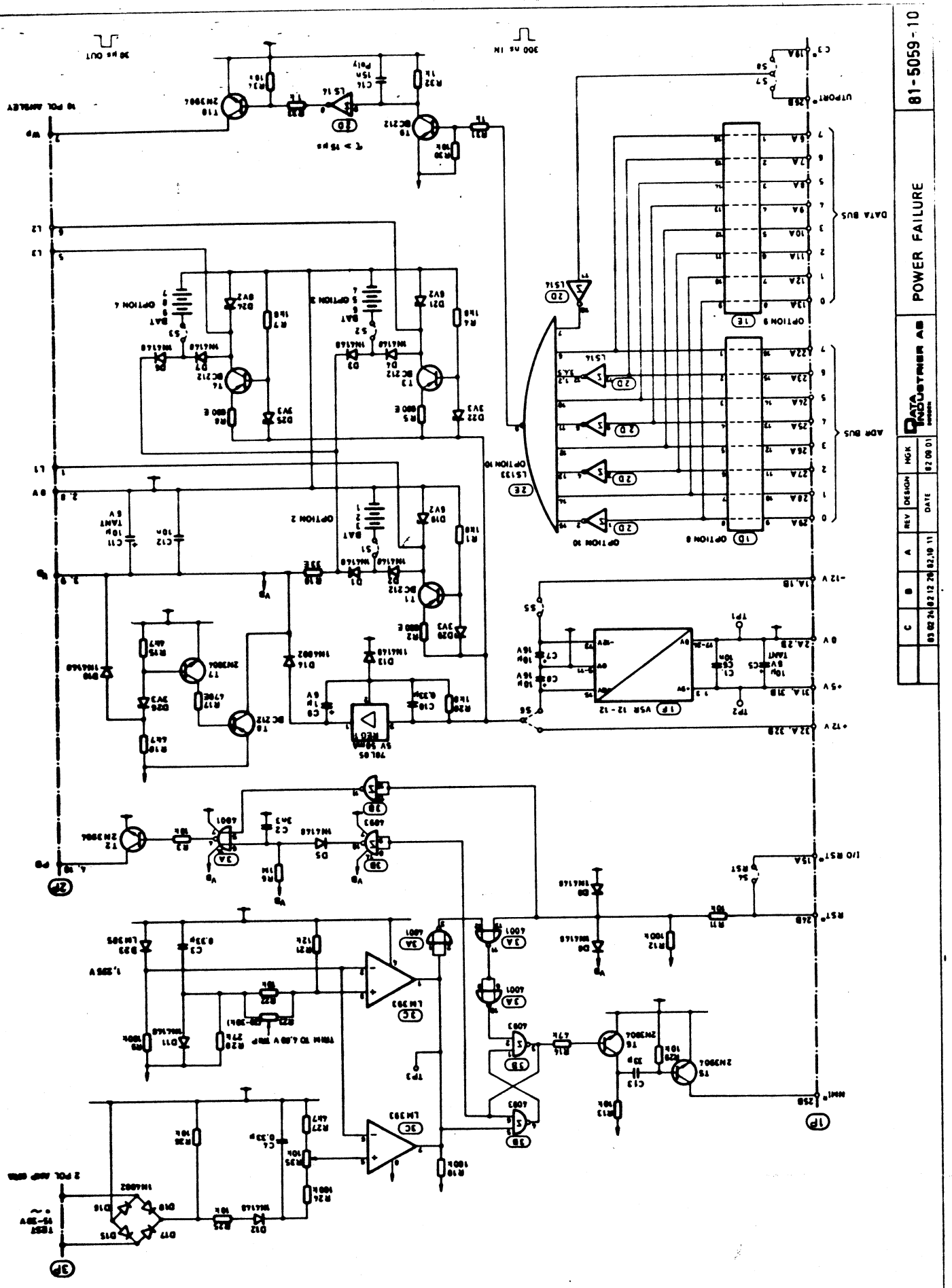


			A					DATA INDUSTRIER AB	4110 NRZI	81-5048-10
			830109			92 11 12				


TELEX
SIM
OMK
S2 A
S2 B
SW1
MED
RE1
RE2
RE3
LD1 TXD
LD2 RXD
LD3 DTR
LD4 CTS
LD5 DCD
LD7 RTS
LD8 RES
LD9 RE1
TXD
RXD
DTR
CTS
DCD
RTS
0 V
800 Hz
4MHz
555
1/5
1/10
LS 390
7404
LS14
1488
1489
75451
75452
TIP 49
BCW 36
BCW37
1N4004
1N4148
COY 80
+5V
+12V
-12V
DATAINDUSTRIER AB
SVEDEN
TELEX INTERFACE
81-5049-00

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81-5059-10

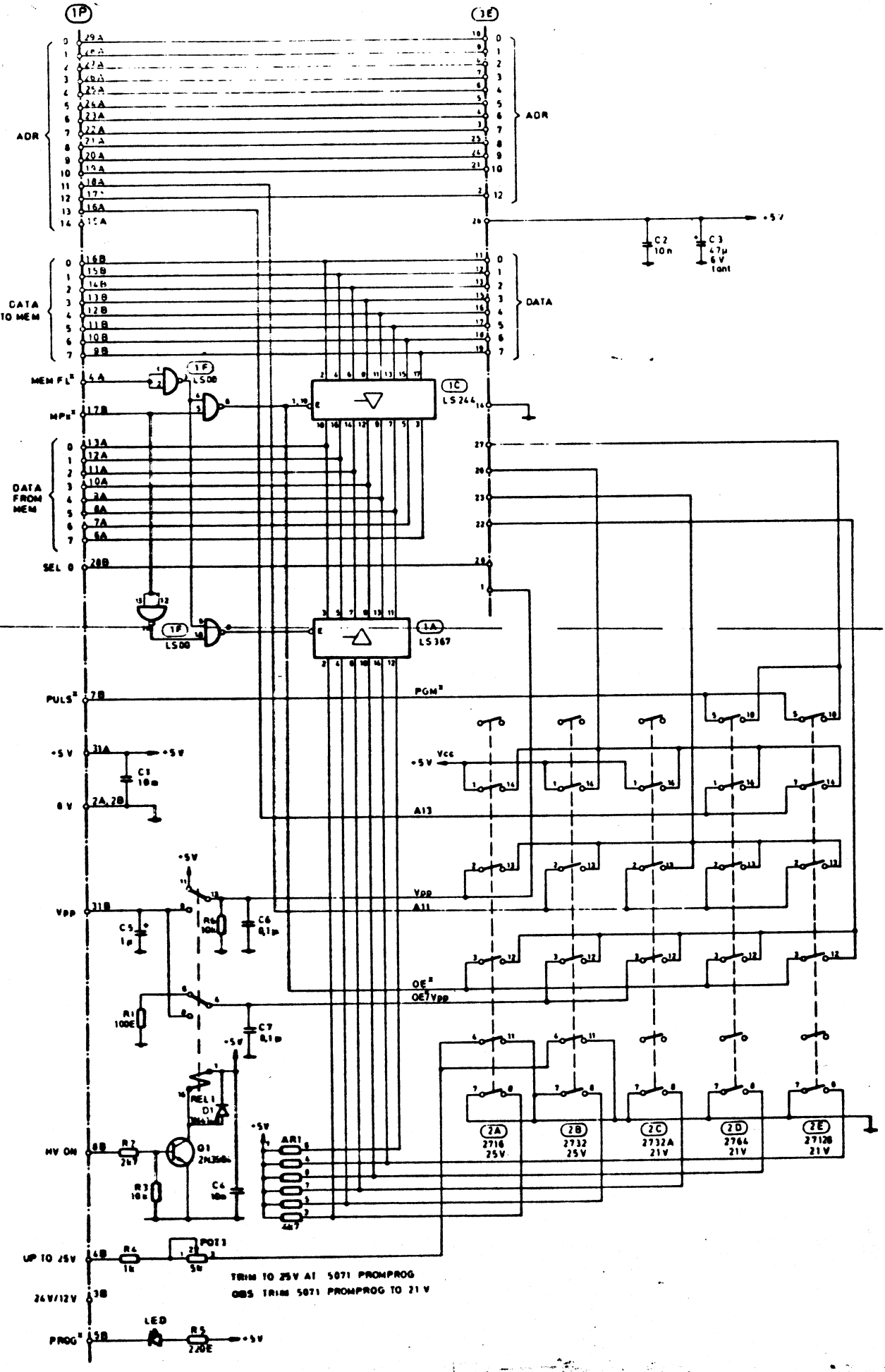
POWER FAILURE

DATA INDUSTRIER AB

				REV	DESIGN	HGK
C	83 02 24				DATE	82 08 01
B	82 12 28					
A	82.10.11					

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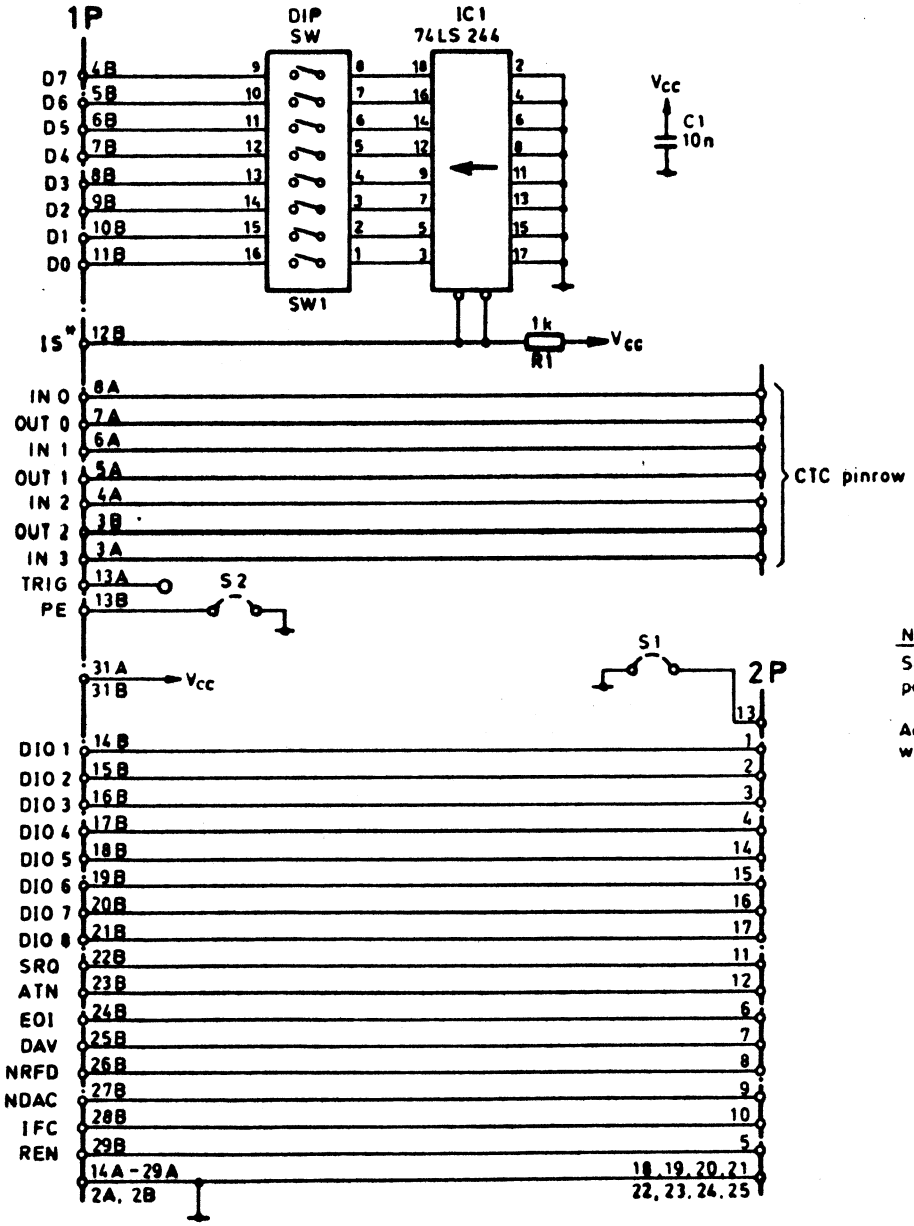
		REV	
		DESIGN	
DATE	8305 30	MSK	

DATA INDUSTRIER AB

PROM ADAPTER

81-5063-00

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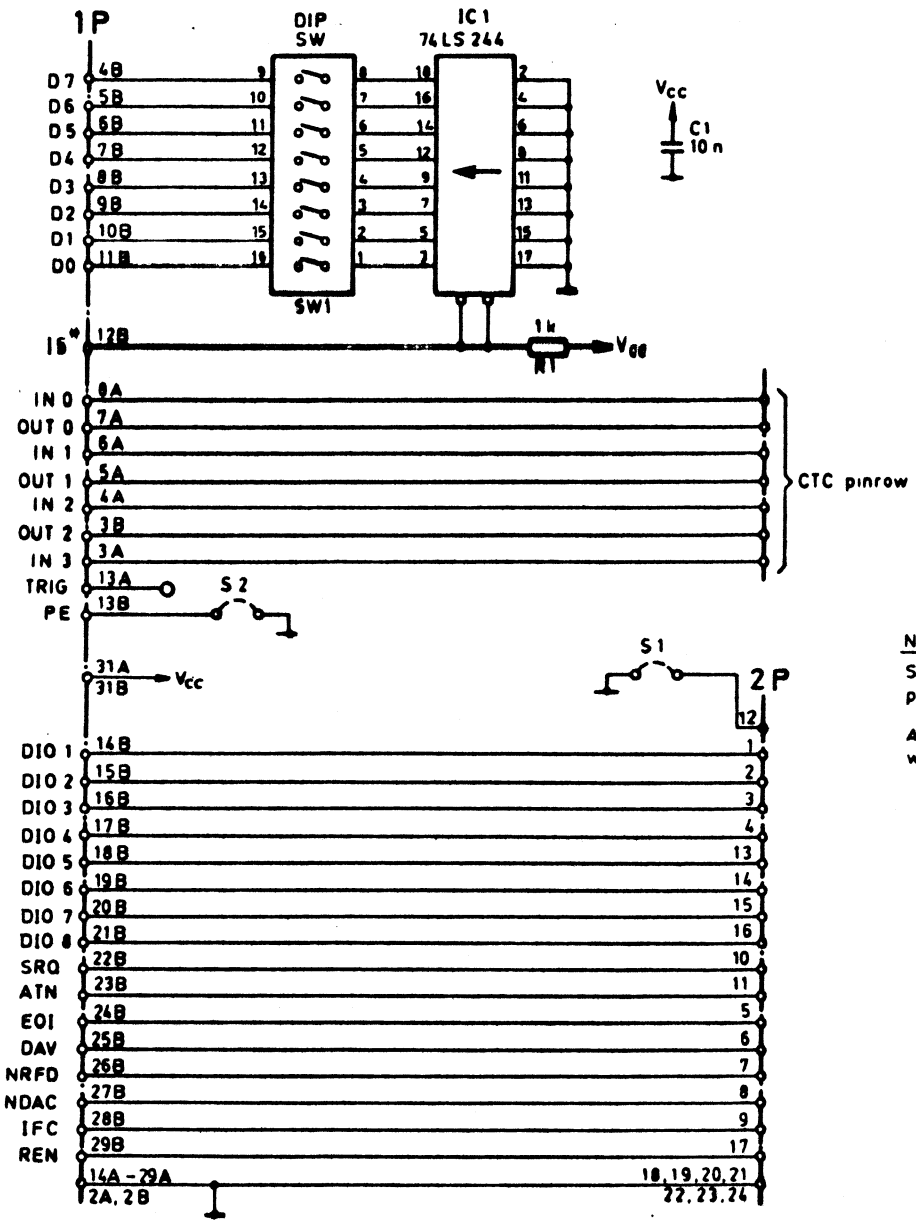
NOTE

Screen to gnd connection made possible by S1

Active pull ups disabled when S2 closed

			A	REV	DRAWN	OL	DATAINDUSTRIER AB SWEDEN	IEC - 625 - ADAPTER	81 - 5064 - 00
			82.11.15	DATE		81.09.25			

Oc6
7303-83



NOTE

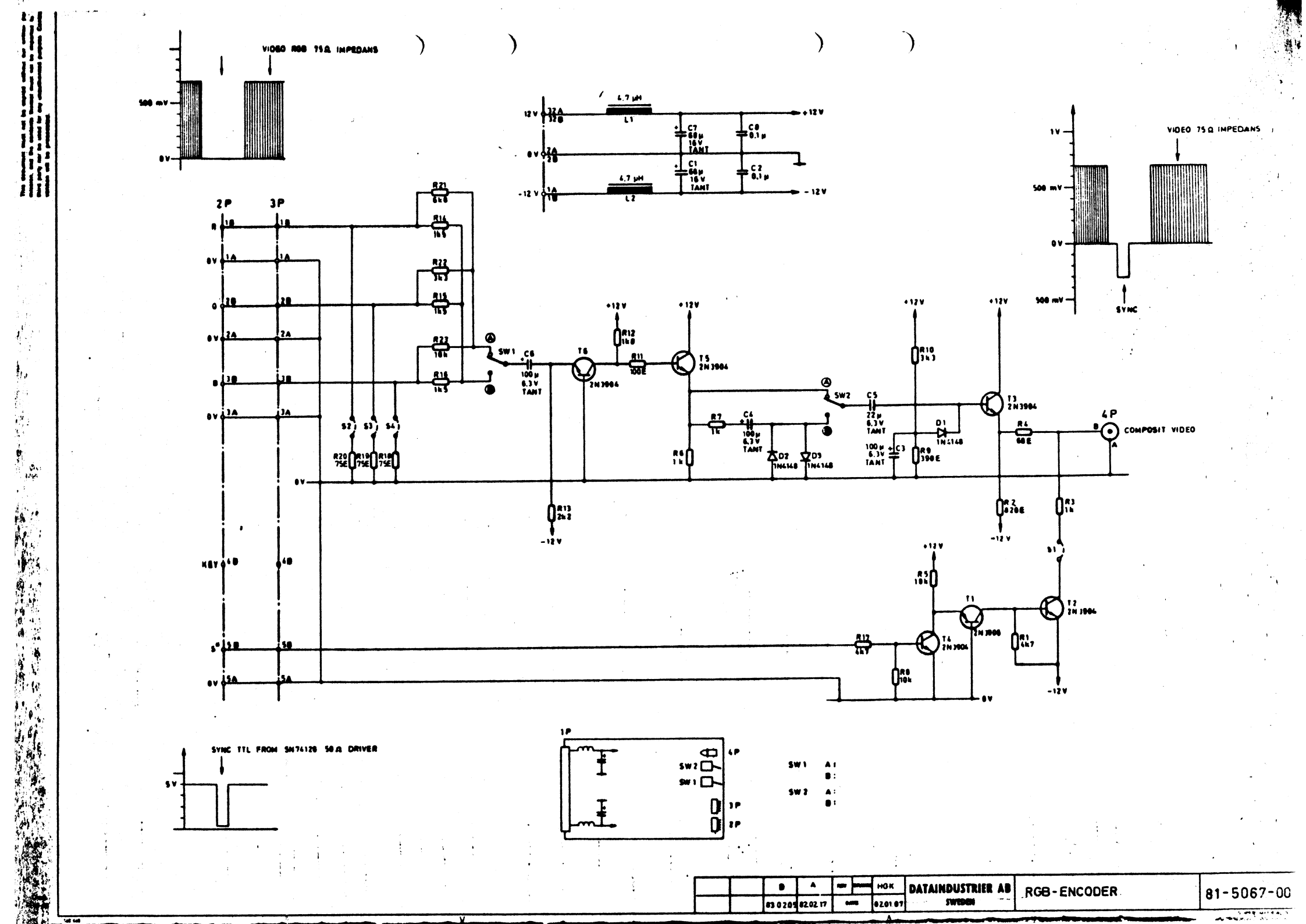
Screen to gnd connection made possible by S1

Active pull ups disabled when S2 closed

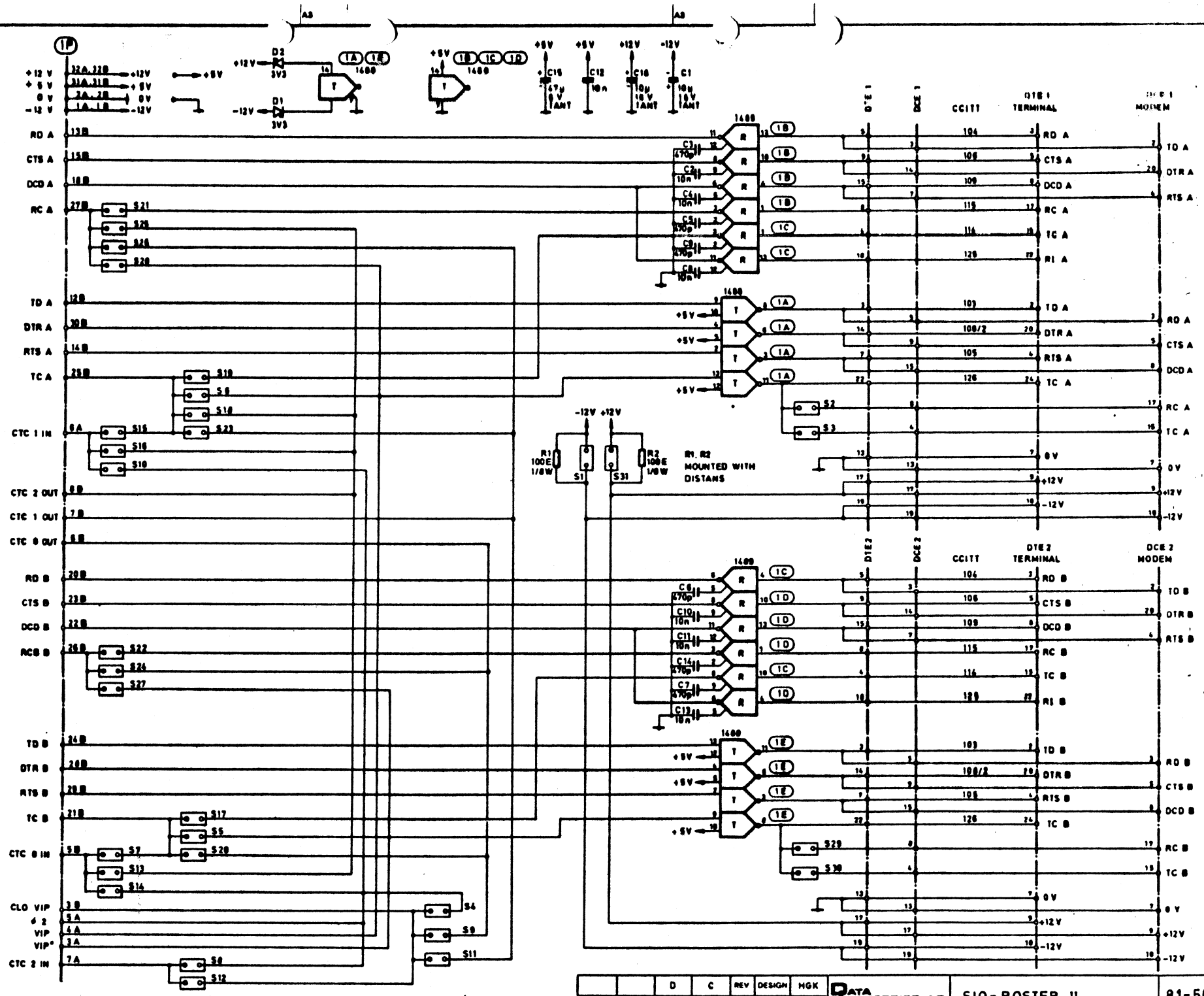
			A	REV	DRAWN	ÖL	DATAINDUSTRIER AB SWEDEN	IEEE 488 - ADAPTER	81-5065-00
			82.11.15		DATE	81.09.25			

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Oc4
7303-00

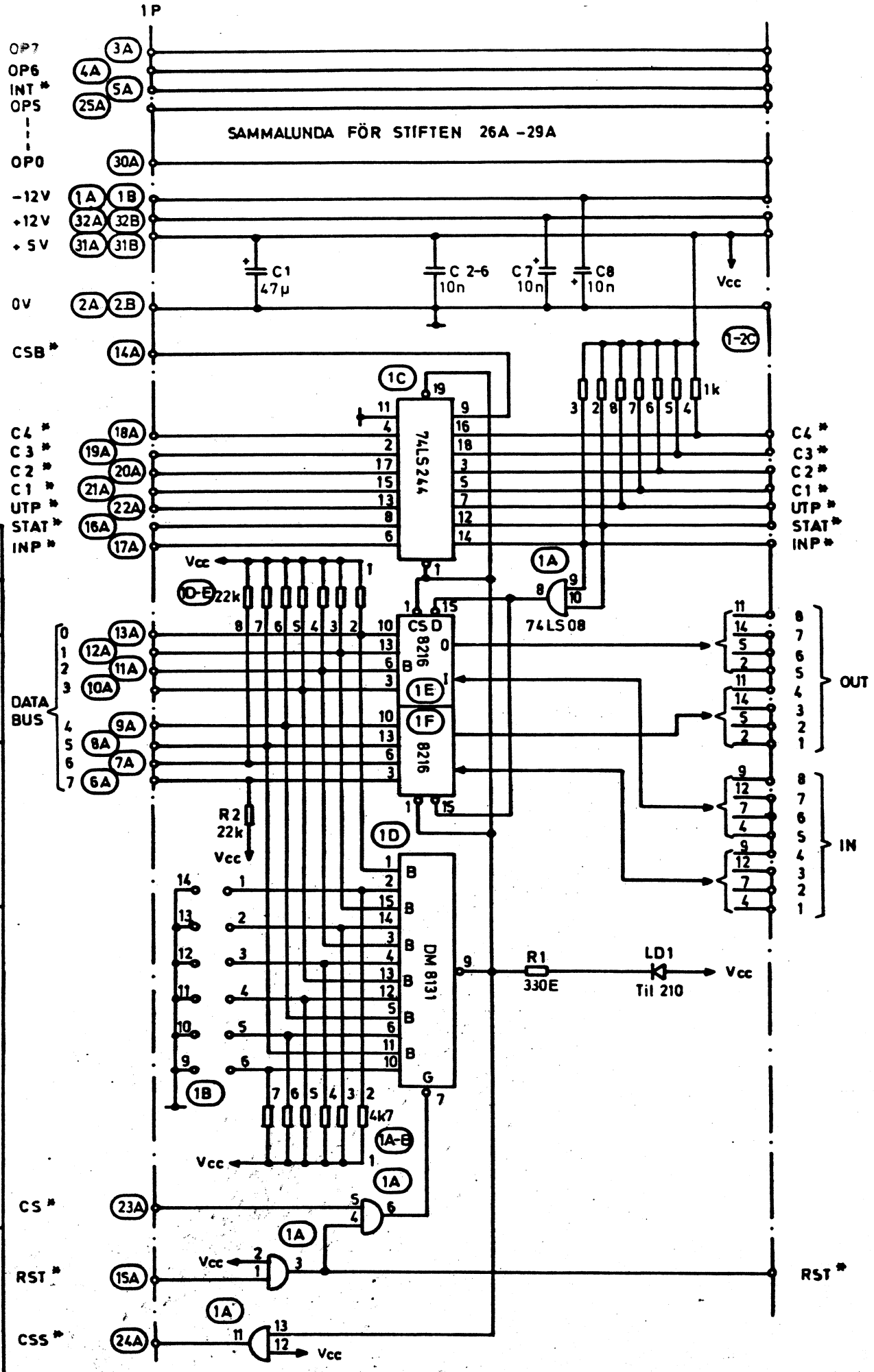


		B	A			HGK	DATAINDUSTRIER AB SWEDEN	RGB-ENCODER	81-5067-00
		83 02 09	82 02 17			82 01 07			



		D	C	REV	DESIGN	HGK	DATA INDUSTRIER AS	SIO - BOSTER II	81-5068-00
		83.03.22	82.12.29		DATE	82 12 29			

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DATUM | REV NR | DATAINDUSTRIER AB TÄBY SWEDEN

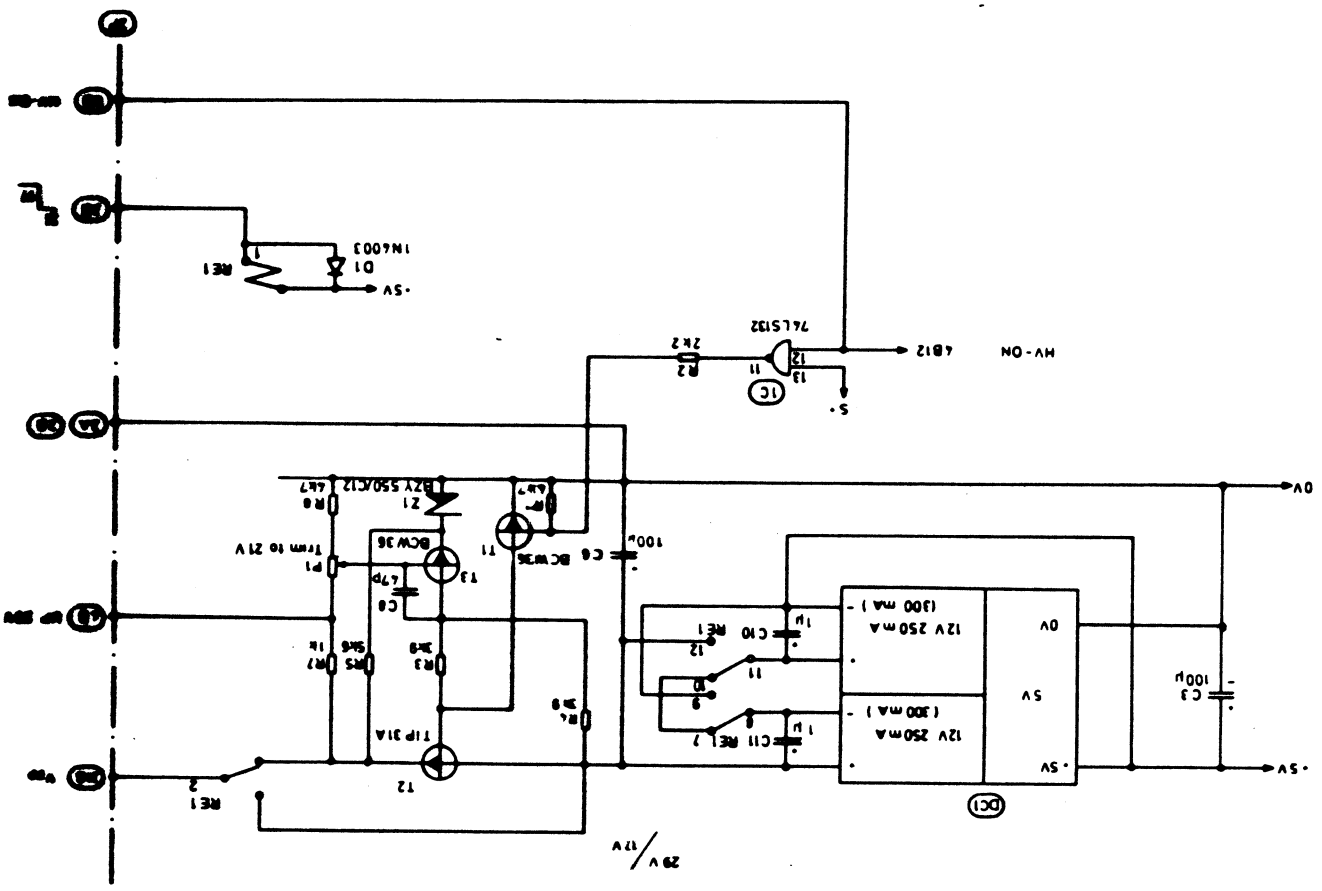
I/O DECODED PROTOYPE BOARD

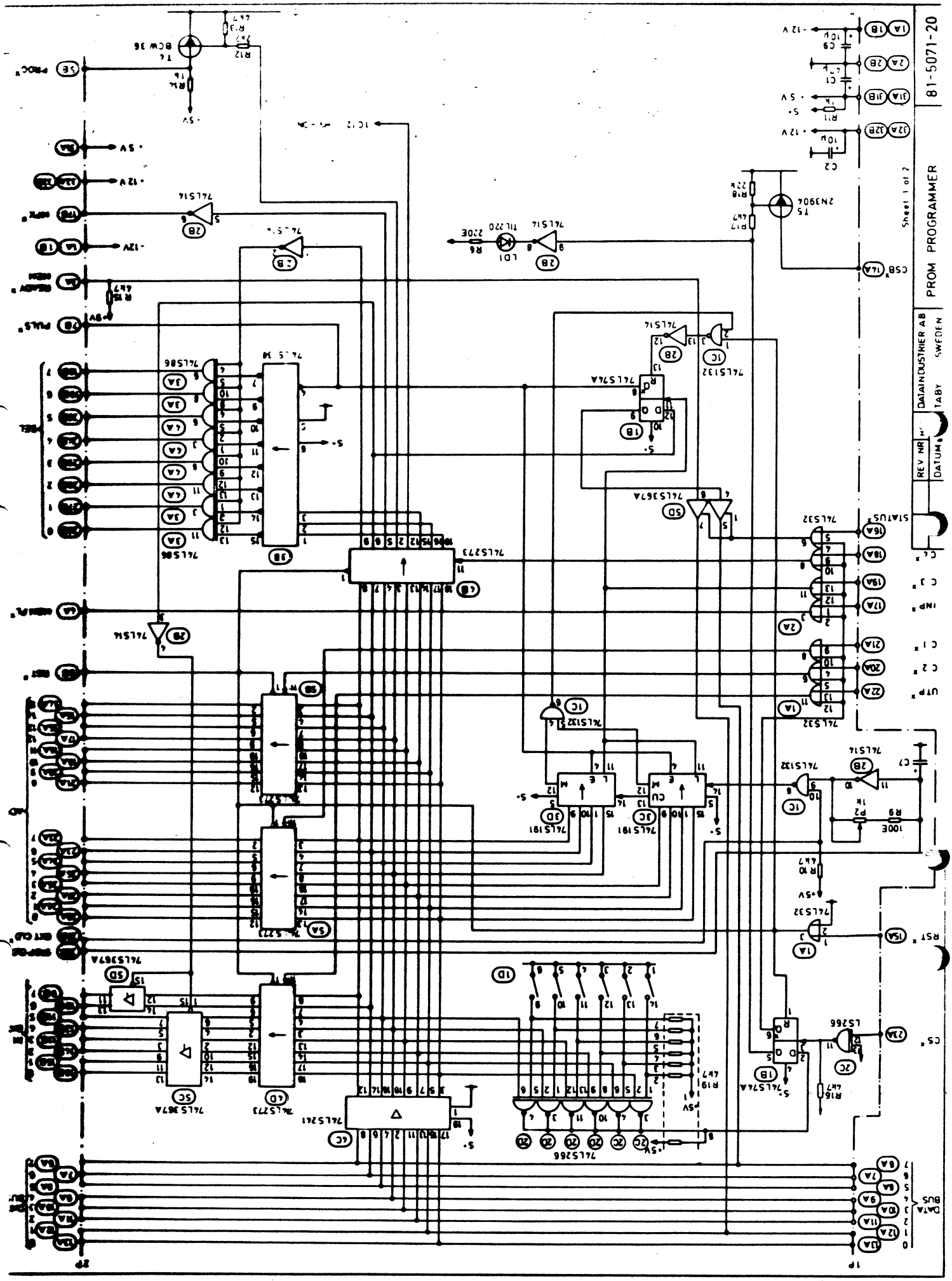
81-5070-00

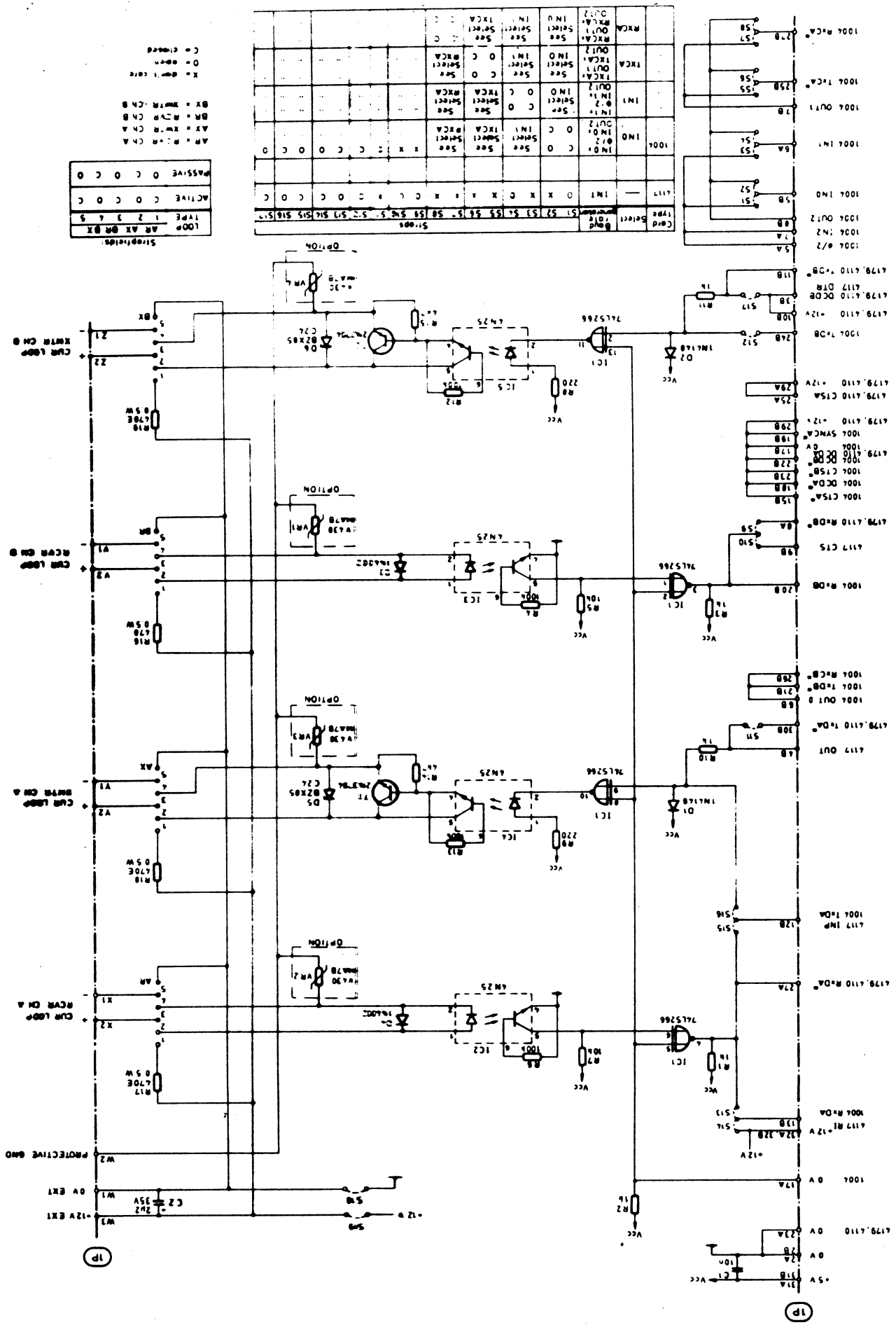
81-5071-20

DATAINDUSTRIER AB
SWEDEN

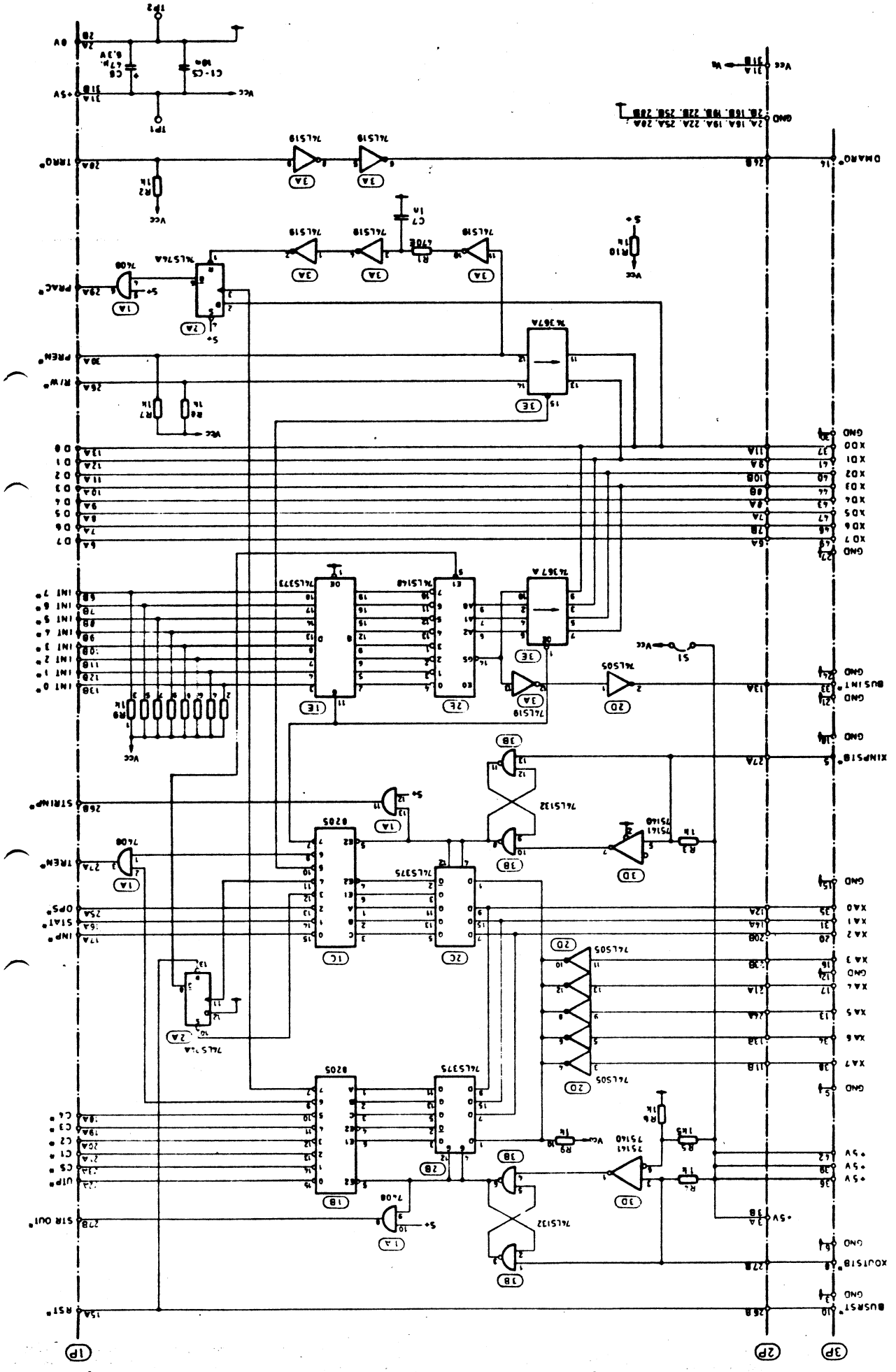
PROM PROGRAMMER




81-5071-20
PROM PROGRAMMER
Sheet 1 of 2
DATAINDUSTRIER AB
TÄBY SWEDEN
REV NR
DATUM
74LS14
74LS132
74LS374A
74LS273
74LS86
74LS32
74LS181
74LS241
74LS266
74LS374
74LS74A
2N3904
TIL220
BCW 36
DATA BUS
STATUS
RST
CS
CSB

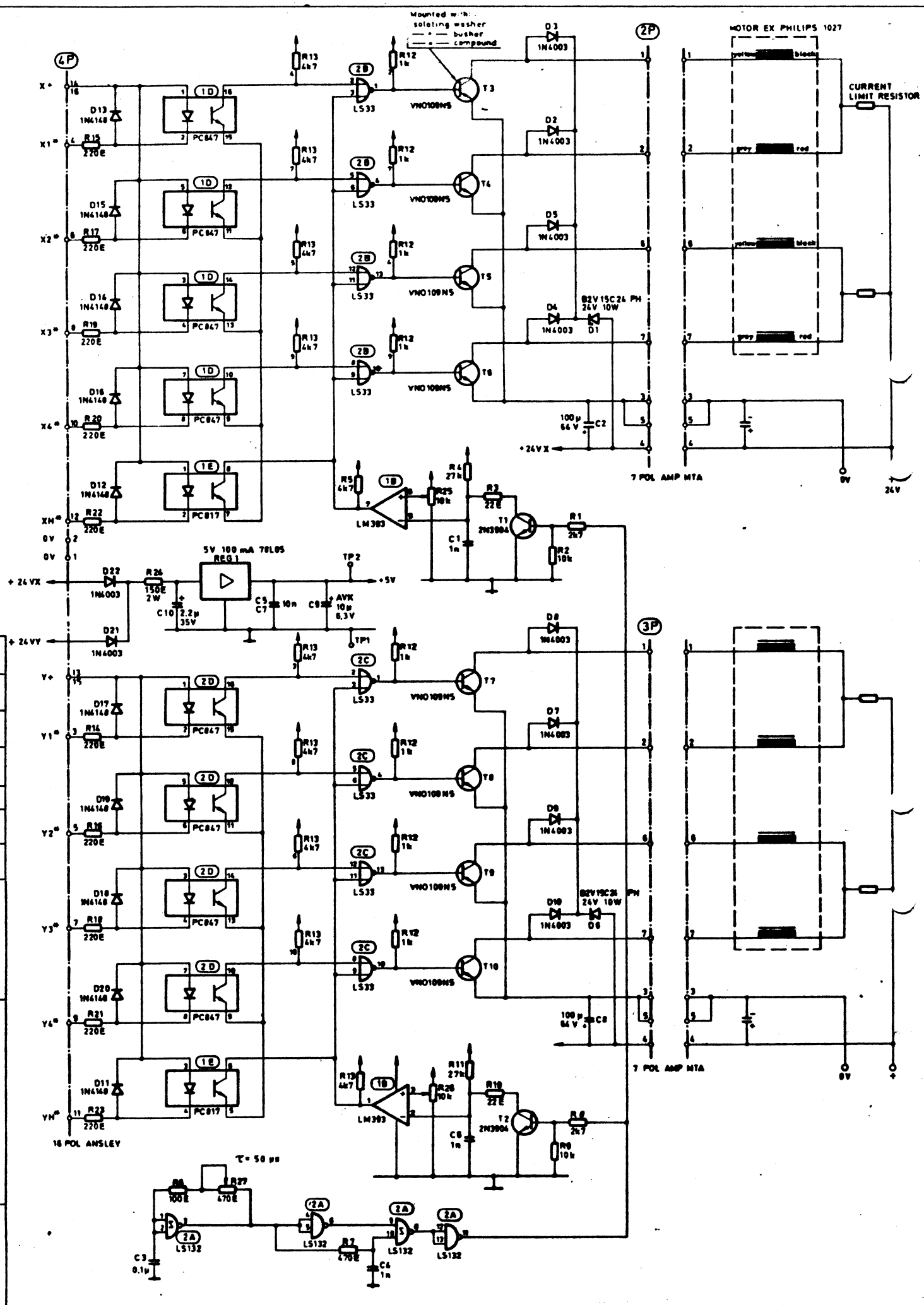


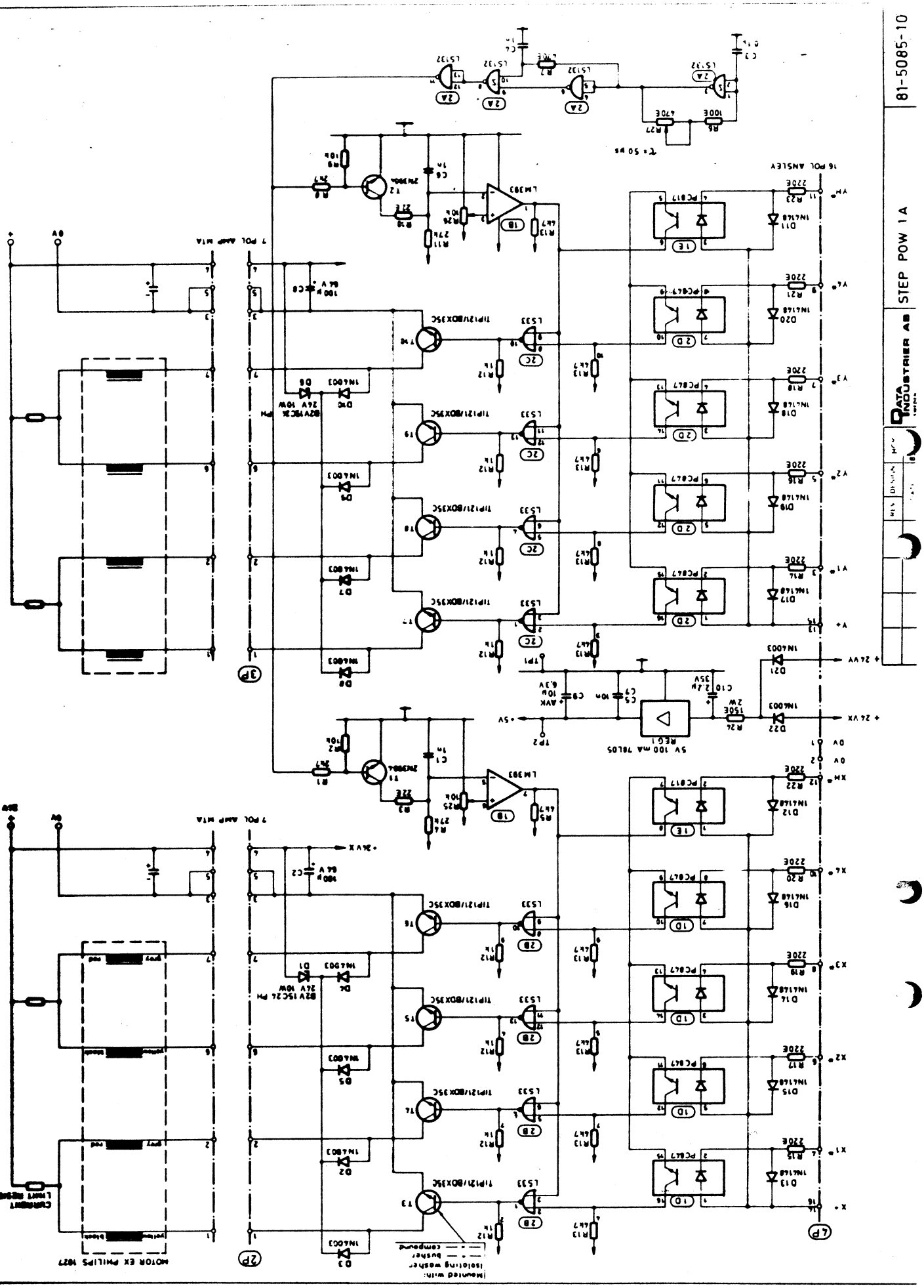
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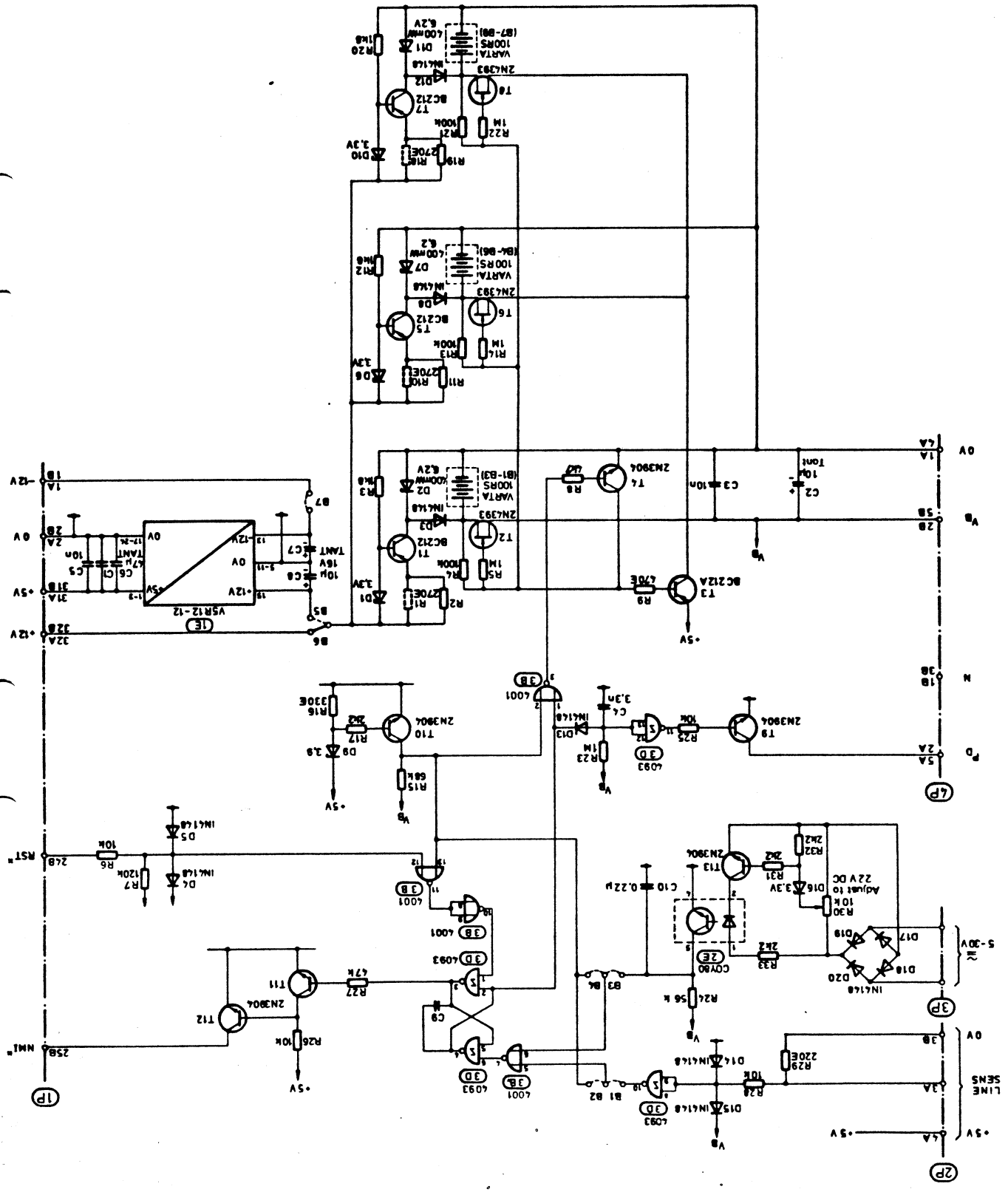


81-5076-00			
MONTY TO 4680 INT.			
DATAINDUSTRIER AB SWEDEN			
A	82 06 18		

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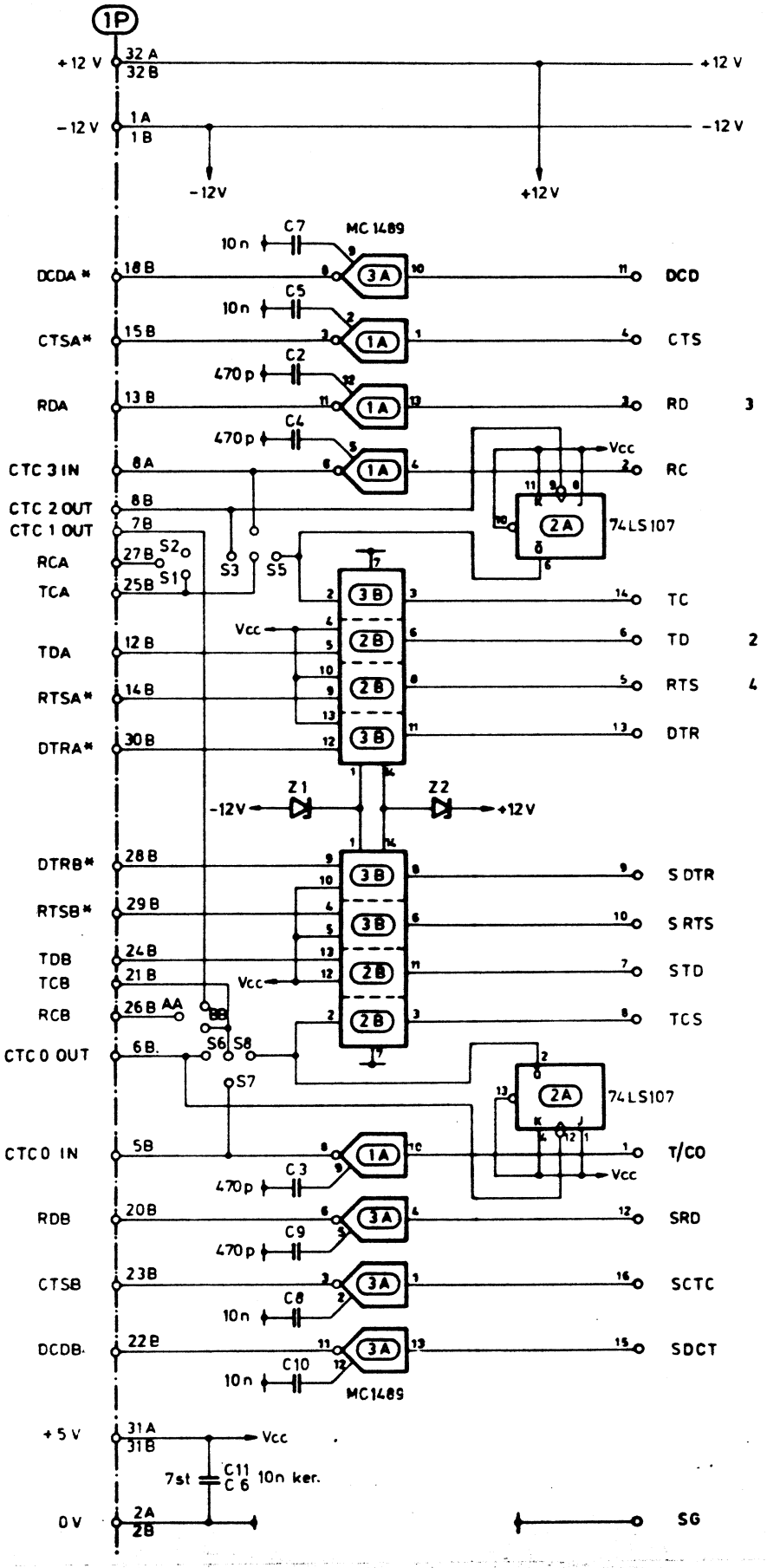



81-5085-10
STEP POW 1A
DATA INDUSTRIER AB
16 POL ANSLUT
7 POL AMP MTA
MOTOR EX PHILIPS 1827
+5V
+24VV
+24VX
0V
TIP121/BOX35C
LS33
LM393
PC817
PC847
1N4003
1N4148
2N3904
REG1
7805
Mounted with:
isolating washer
bushes
compound



	C	B	A		HGK	DATAINDUSTRIER AB SVERIGE
	80 10 25	80 10 15	80 06 10		80 03 18	POWER FAILURE 8k RAM

81-5097-00

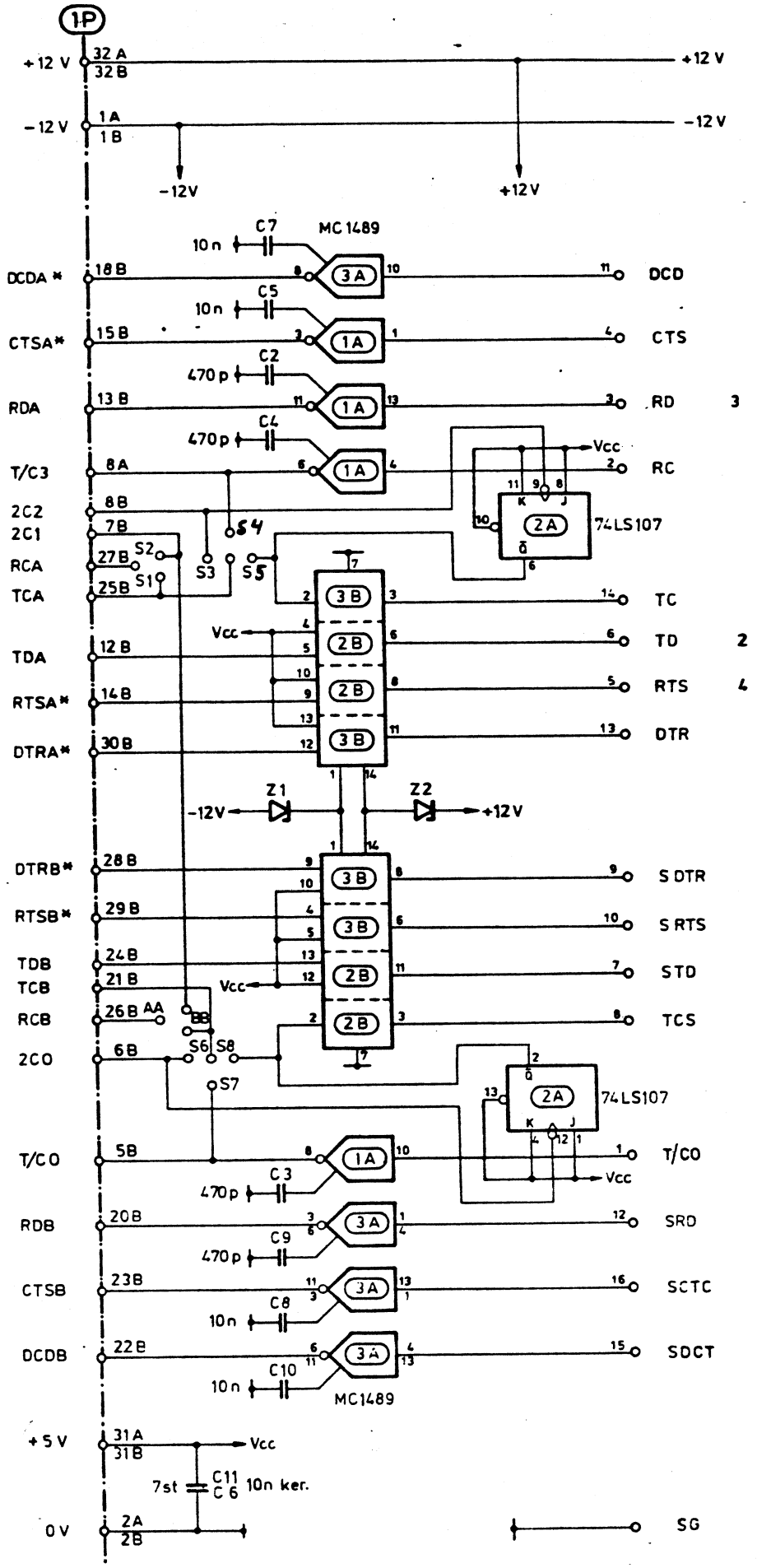


81.08.24	A	
		RF
80.01.20		

DATAINDUSTRIER AB
SVEDEN

SIO - ADAPTER

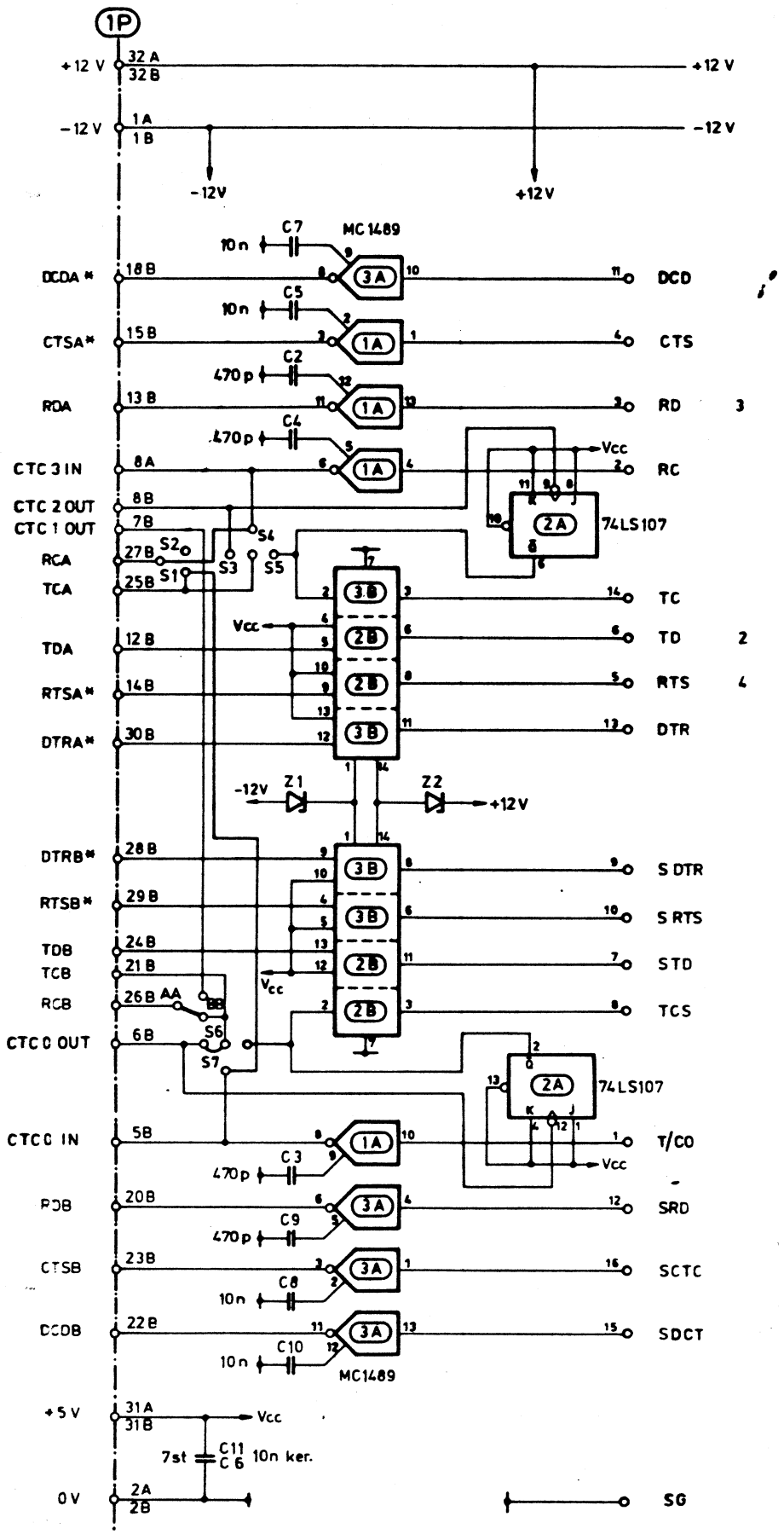
81 - 5098 - 00

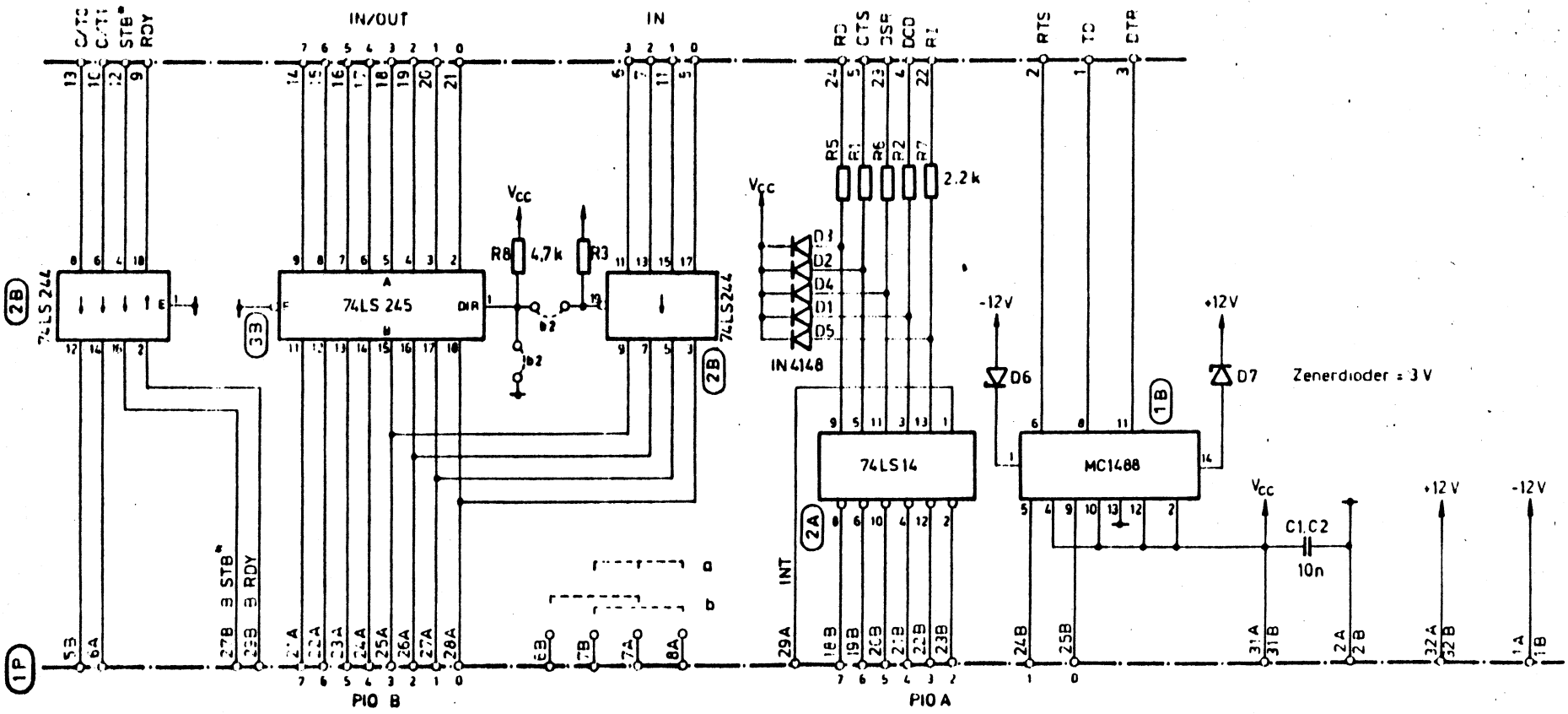


DATAINDUSTRIER AB
SWEDEN

SIO - ADAPTER

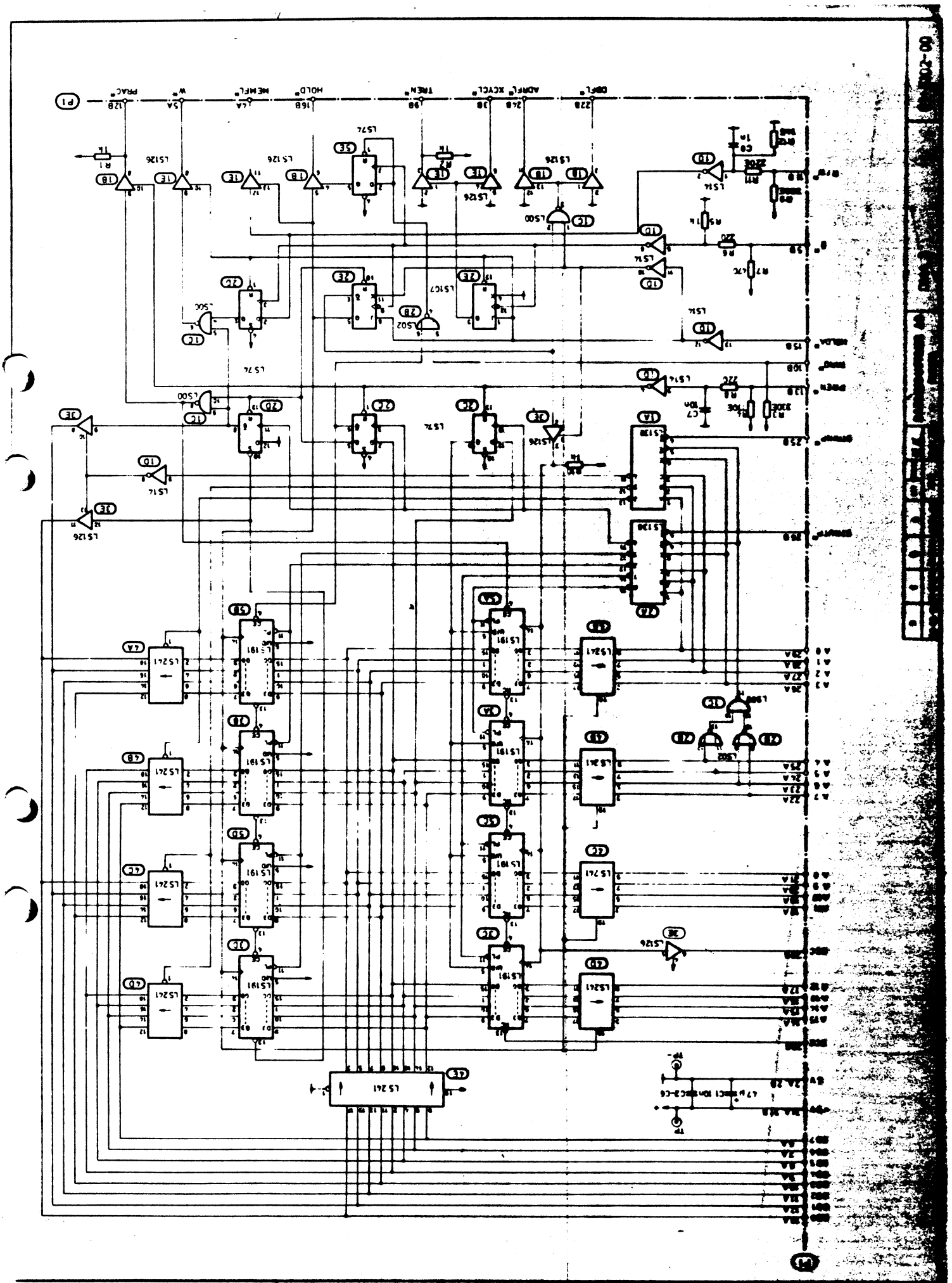
81-5098-00


1P
+12 V
32 A
32 B
+12 V
-12 V
1 A
1 B
-12 V
-12V
+12V
C7
10n
MC 1489
DCDA *
18 B
DCD
C5
10n
CTSA*
15 B
CTS
C2
470p
RDA
13 B
RD
3
C4
470p
Vcc
CTC 3 IN
8 A
RC
CTC 2 OUT
8 B
CTC 1 OUT
7 B
74LS107
RCA
27 B
S2
S3
S4
S5
TCA
25 B
S1
TC
Vcc
TDA
12 B
TD
2
RTSA*
14 B
RTS
4
DTRA*
30 B
DTR
-12V
Z1
Z2
+12V
DTRB*
28 B
S DTR
RTSB*
29 B
S RTS
TDB
24 B
STD
TCB
21 B
Vcc
RCB
26 B
AA
BB
TCS
CTC 0 OUT
6 B
S6
S7
74LS107
CTC 0 IN
5B
T/C0
C3
470p
Vcc
RDB
20 B
SRD
C9
470p
CTSB
23 B
SCTC
C8
10n
DCDB
22 B
SDCT
C10
10n
MC1489
+5 V
31 A
31 B
Vcc
7st
C11
C 6
10n ker.
0 V
2A
2B
SG

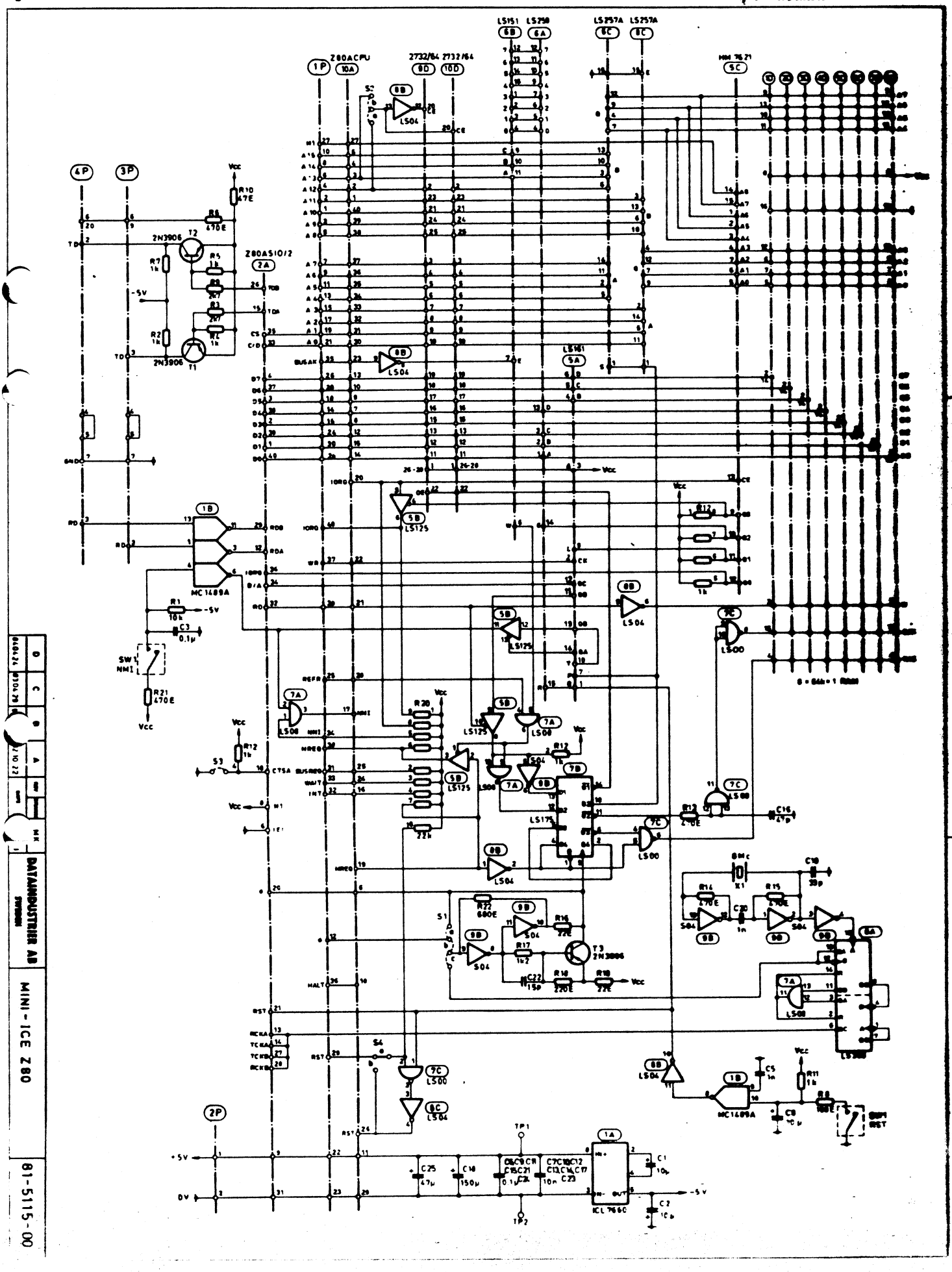


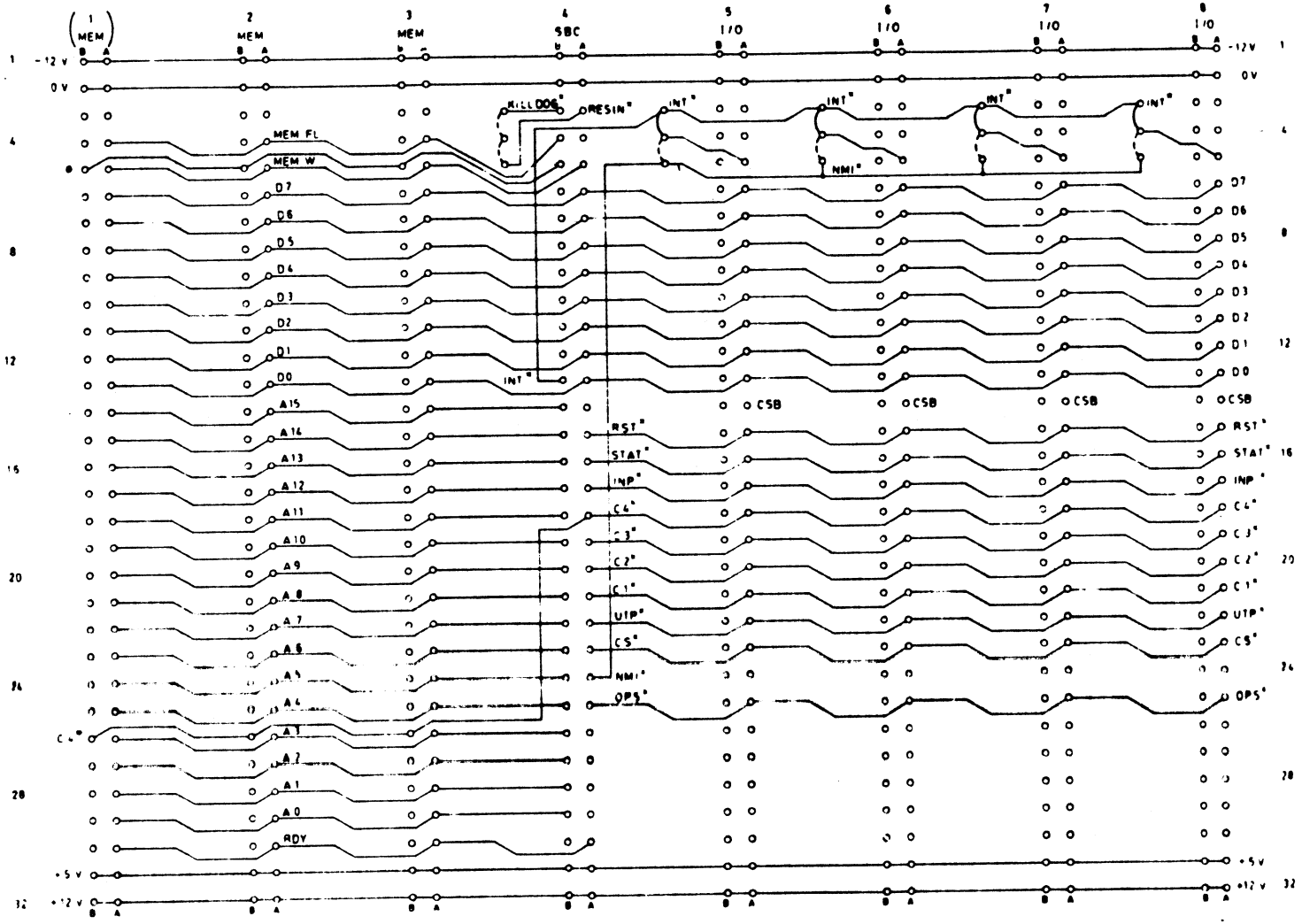
			A			RF	DATAINDUSTRIER AB SWEDEN	PIO-ADAPTER	81-5099-00
			8102 19			80 01 20			

Océ-Ingut 7363-65



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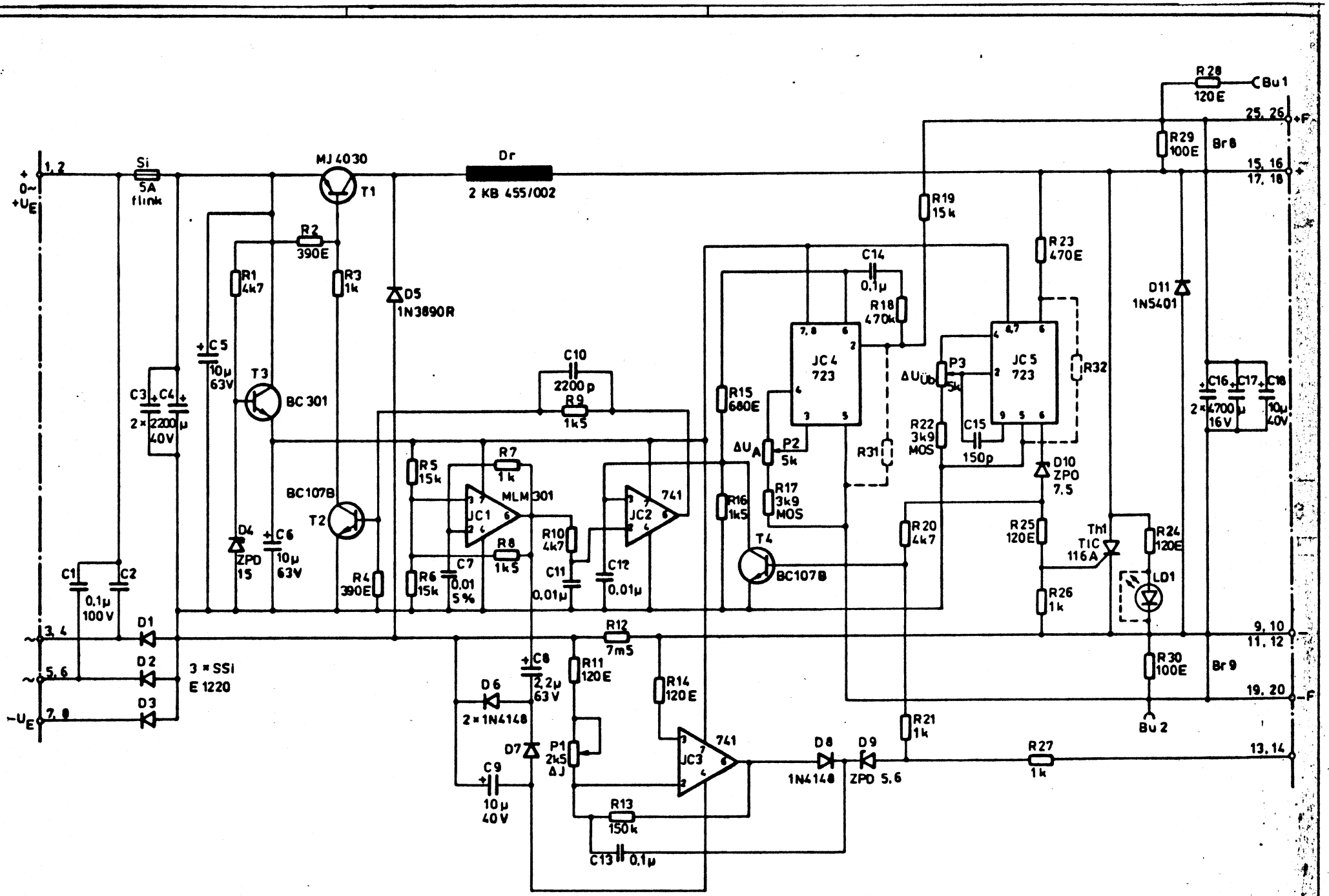




BACK VIEW

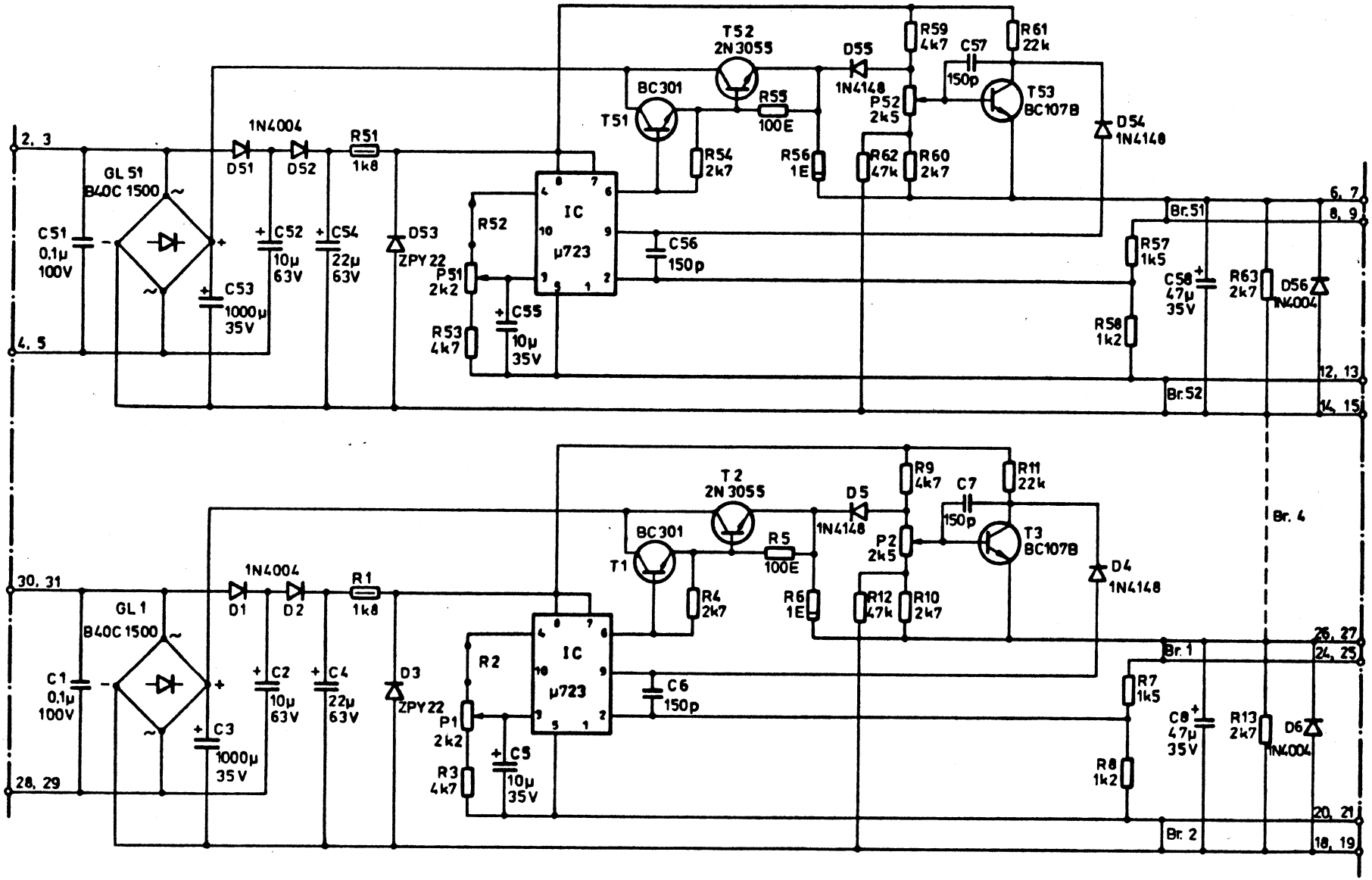
			REV	DESIGN	DATA INDUSTRIER AB	BAKPLAN TILL 6034	81-6077-0
				DATE	84 01 10		

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			A	REV	DRAWING	DATAIN STRIER AB SWEDEN	POWER UNIT SCHROFF TYPE SN 601 4-6V 10A	81-7010-00
			81.05.19	DATE	81.04.24			

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nicht bezeichnete Widerstände LCA 0309

LCA 0411

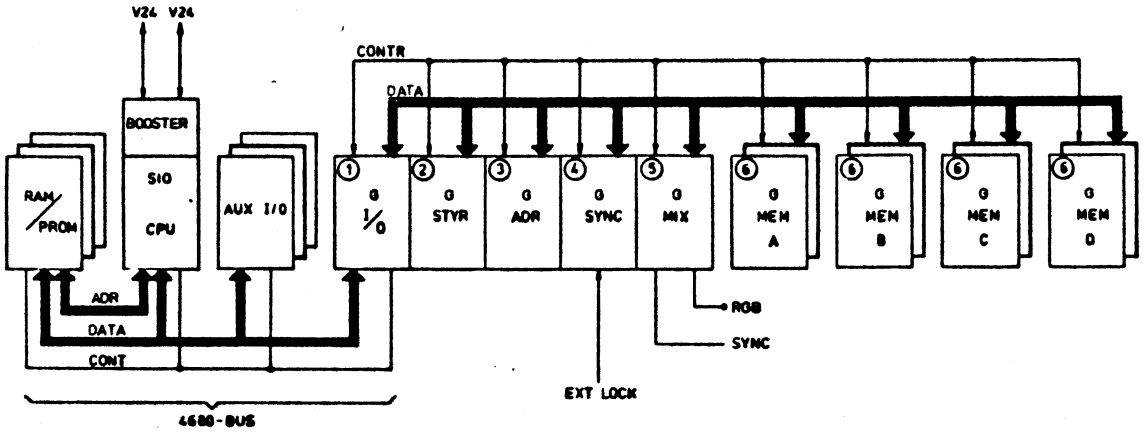
LCA 0719

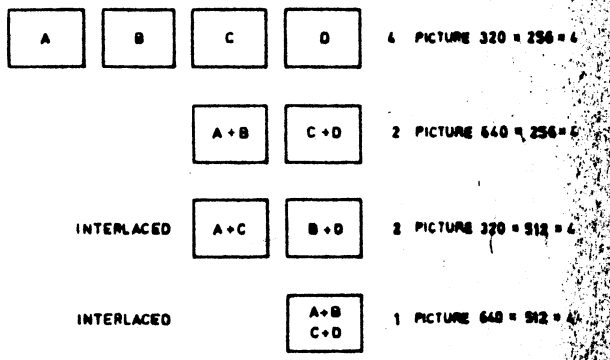
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			81.05.19		81.04.25			

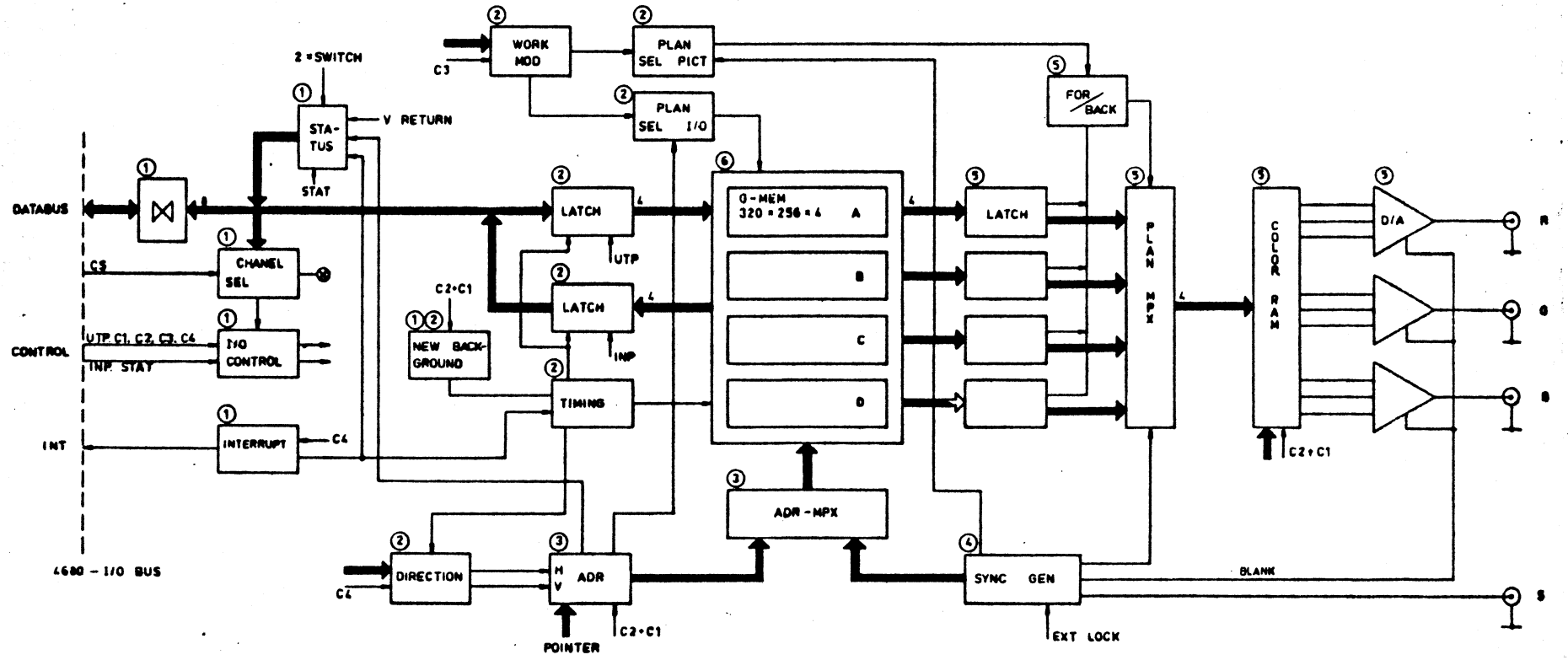
Oc6 7303-68

161 880

SUPER IMPERIAL 30







				rev	drawn	HGK	DATAINDUSTRIER AB SWEDEN
				date		81 04 27	

DATA COLOR

81-7017-UB