RC COMPUTER A/S REGNECENTRALEN af 1979

FIELD CHANGE ORDER

NO: 19-008
ISSUE WEEK 81-5(

RCSL: 44 - RT 1911

MANDATORY	☐	RETROFIT ON FAILURE	☒
WARRANTY	☒	NON WARRANTY	☐

RE: ECN NO:

SERIAL EFFECTIVITY

MIC 703, SN 1305 and upwards

EQUIPMENT AFFECTED

RC700
RC702/MIC 703
Micro Processor

NOTE

REASON FOR CHANGE

Due to electromagnetic interference from the power supply, an unacceptable high frequency of soft-errors is experienced, when utilizing double density mode on mini floppy drive in pos. 2.

The object of this FCO is to improve the data recovery circuit, thus reducing the failure rate.

DESCRIPTION OF CHANGE

1. Remove the IC's in POS 7 and POS 17.
2. Mount the PCBA DSP701 as showed on FIG 1.
3. Mount the signal cable CBL 980 as described page 2.
4. Code the FCO label 19-008.

ADDITIONAL COMMENTS

THE FCO-KIT CAN BE ORDERED AT THE SPARE PART STOCK
UNDER RC-PARTNUMBER: 8-0908
ADDRESS: HOVEDVEJEN 9, DK-2600 GLOSTRUP DENMARK

KITS FREE OF CHARGE YES ☒ NO ☐

THE FCO-KIT INCLUDES:

QTY	DESCRIPTION	RC P/N
1	PCBA DSP 701	
1	CABLE CBL 980	
2,5CM	"SKILTETAPE"	3810010

DOCUMENTATION ENCLOSED

2 pages of preliminary diagrams

ESTIMATED INSTALLATION TIME: 2,0 h

PROJECT ENGINEER		DEVELOPMENT MANAGER		SYS. PRODUCTION MANAGER		TECH. SERVICE MANAGER	
SIGN.	DATE	SIGN.	DATE	SIGN.	DATE	SIGN.	DATE
					27/1-82		

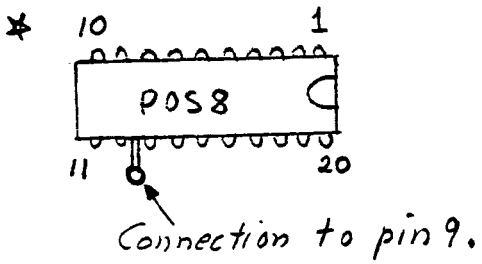
FIELD CHANGE ORDER

NO. 19-008

Remove the wire from POS 28 PIN 4 to POS 5 PIN 9.

CONNECT CBL980 AS FOLLOWS:

1. J1 - PIN 1 TO POS 26 PIN 1
2. J1 - PIN 2 TO POS 27 PIN 1
3. J1 - PIN 3 TO POS 27 PIN 13
4. J1 - PIN 4 TO POS 8 PIN 9 *
5. J1 - PIN 5 TO POS 27 PIN 10
6. J1 - PIN 6 TO POS 5 PIN 9



Fixed with double stick tape

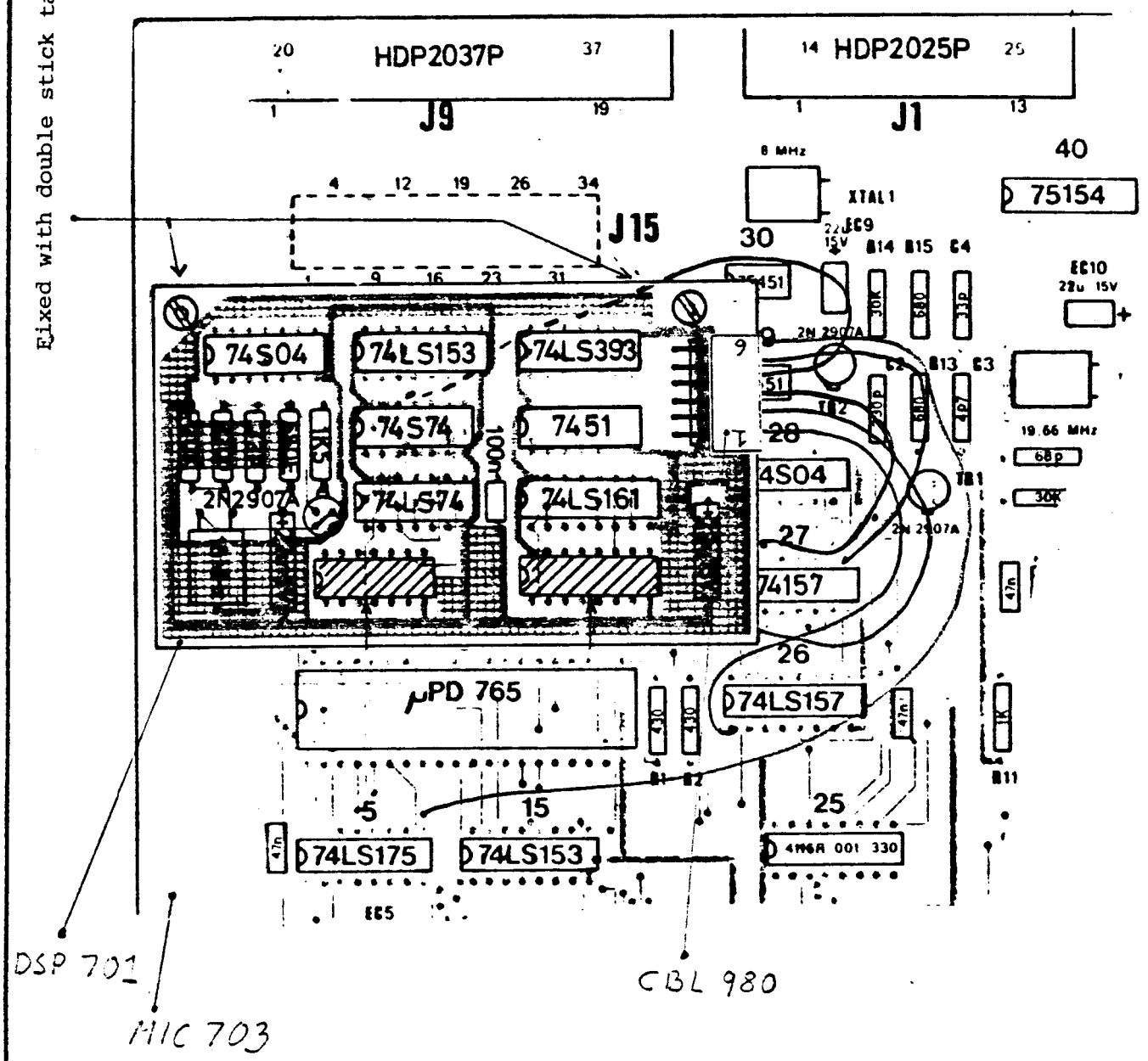
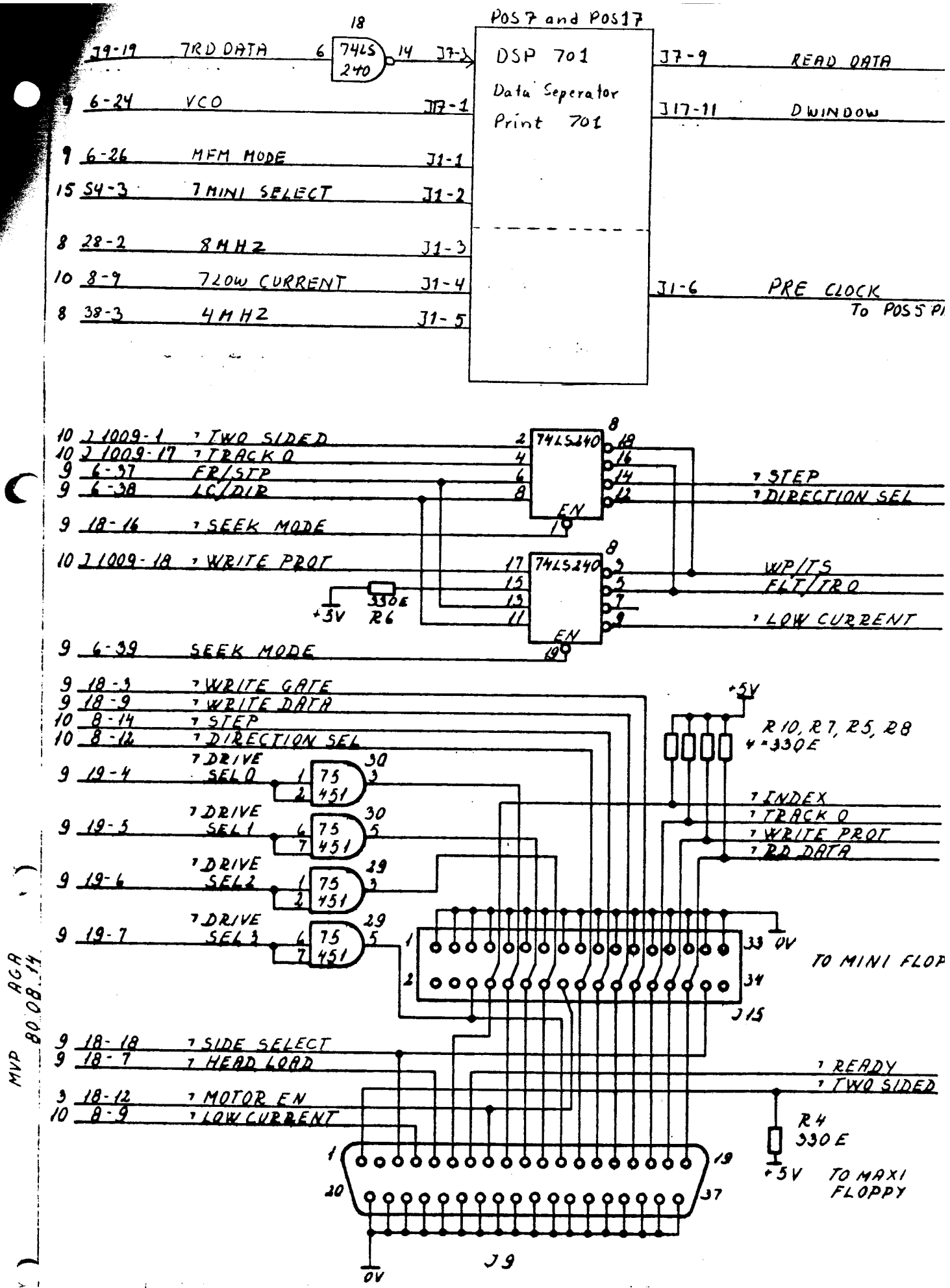
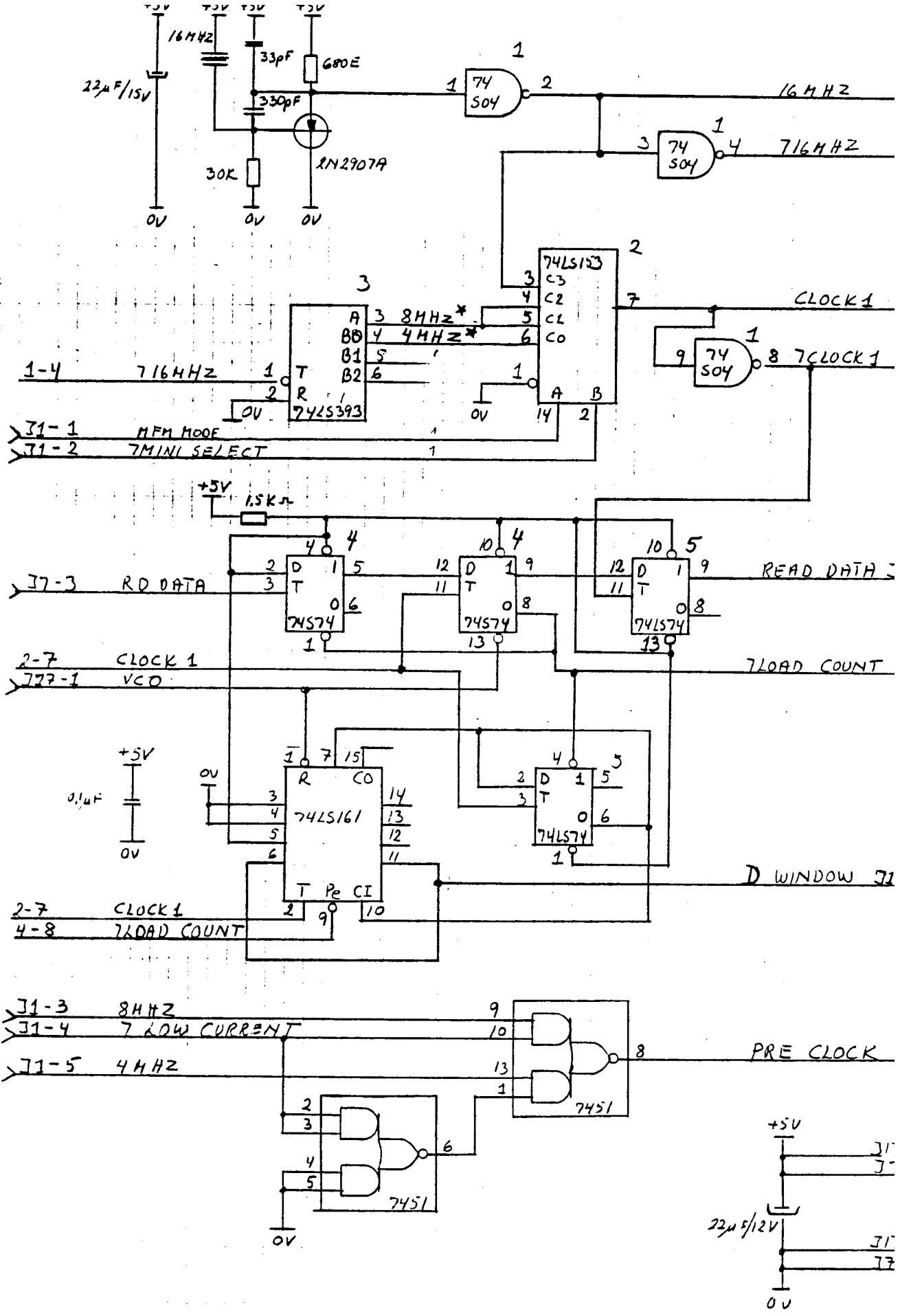


Fig. 1. DSP 701 Mounted on MIC 703.



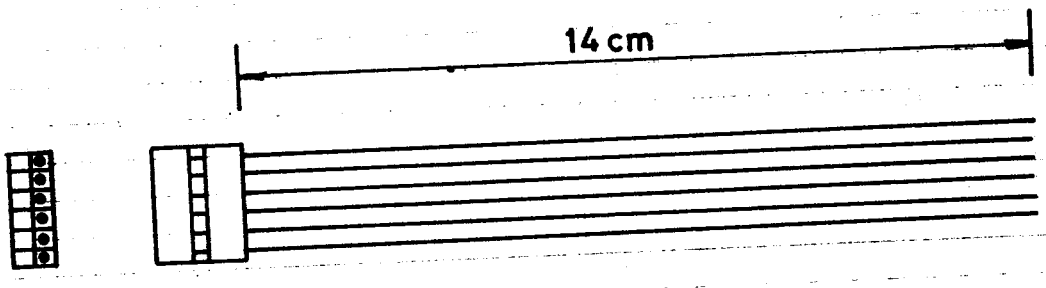
MIC 702 FLOPPY DISK READ & SELECT CIRCUIT MIC 10

R 19086



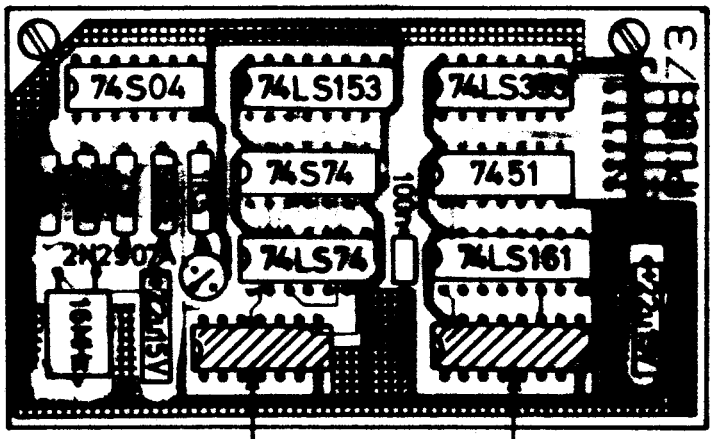
Unit	DATA SEPERATOR PRINT DSP701
Dwg. No.	

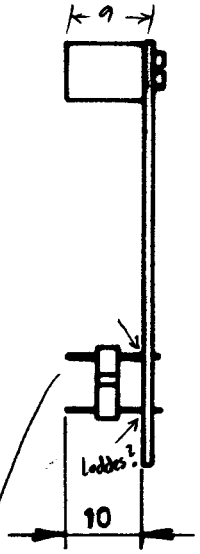
NTRALEN — A/S REG
Designed by | Drawn by | Dwg. Off. | Design Check | Replaces Dwg. No. | due to ECN | by Dwg. No.



BETEGNELSE: SIGNAL CABLE FOR DSP701		UDGAVE	
		02	07
		03	08
		04	09
		05	10
PA PART NR.	PA TEGN. PART NR.	06	11
DESIGN HC	MONTAGE	TEGN NR.	CBL980
01 UDGAVE 811209			

AFSTANDSSTYKK
DSP701-001





14 PINS ADAPTER & 16 PINS ADAPTER MONTERES FRA LODDESIDEN.

max. 0.46

BETEGNELSE: MONTERINGSTEGNING PCB 573		UDGAVE	
		02	07
		03	08
		04	09
PA PART NR.	PA TEGN PART NR	05	10
		06	11
DESIGN HC 01 UDGAVE 811204	MONTAGE	TEGN NR	DSP 701-002

BETEGNELSE: DATA SEPARATOR PRINT

PA PART NR.

PA TEGN. PART NR.

DESIGN HC

01 UDGAVE 81125

STYKLISTE

MODUL NR. DSP701

UDGAVE 01 02 03 04 05 06 07 08 09 10 11

ANTAL	ENHED	MODUL NR.	PA PART NR.	DOK. / TEGN. NR.	BETEGNELSE
1					UHONTERET PRINTKORT PCB 573
1			101017		IC: 7451
1			125003		IC: 74S04
1			125013		IC: 74S74
1			128027		IC: 74LS74
1			128038		IC: 74LS153
1			128046		IC: 74LS161
1			128088		IC: 74LS393
1			203015		TRANSISTOR 2N2907A
2			1001004		TANTAL 22µF 15V
1			2701030		KRYSTAL 16 MHz
1			802018		KONDENSATOR 33pF
1			802033		" 330pF
1			855001		" 0,1µF
1			1103061		MODSTAND 1K5 1/8W
1			1103092		" 30K 1/8W
1			1103053		" 680E 1/8W
1			1330047		VINKELBØJET WRAP-PIN 1x6 POL
1			1319037		14 PINS ADAPTER
1			1319038		16 PINS ADAPTER
2			27104002		SKRUER M3x6 CHJ
2				DSP701-001	AFSTANDSSTYKKE