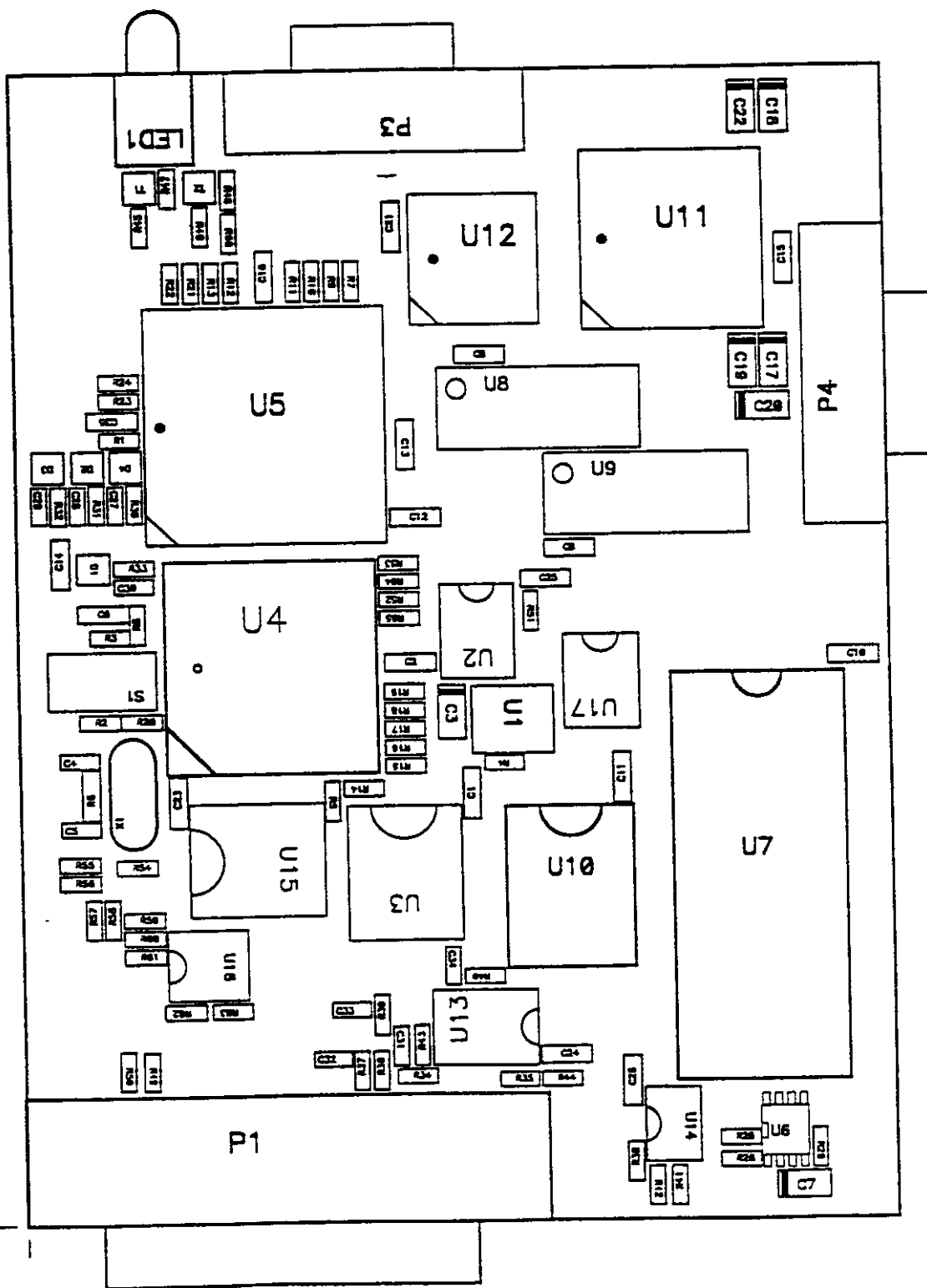
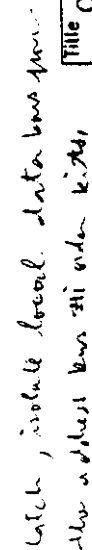
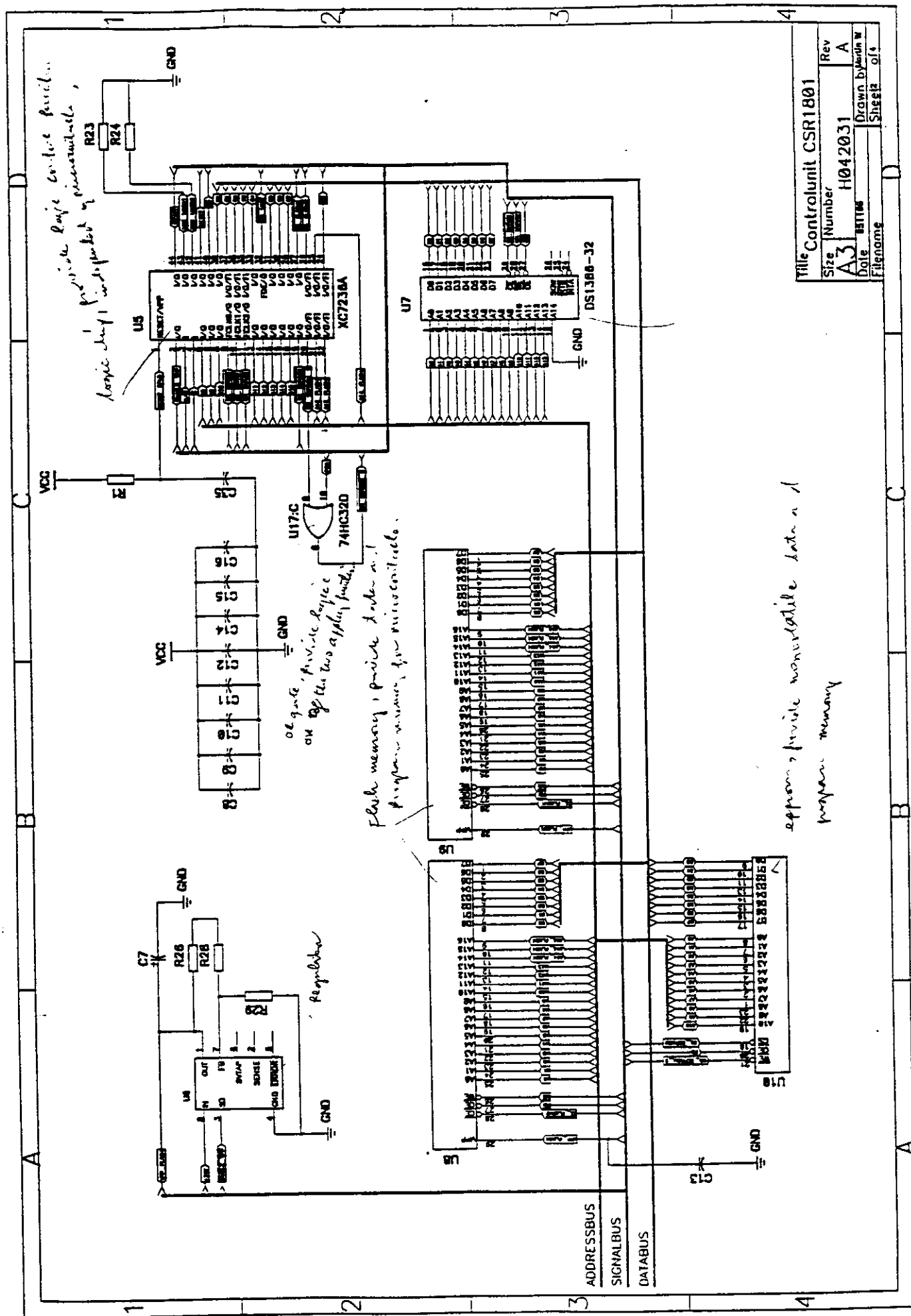




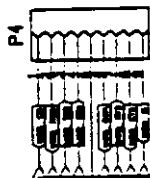
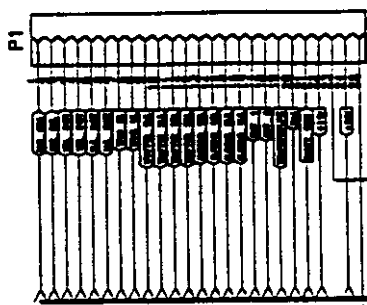
H047031A



Title		Controlunit CSR1801	
Size	Number	Rev	
A3	H042031	A	
Date	831106	Drawn by	byrdia w
File name		Sheet 1	of 4

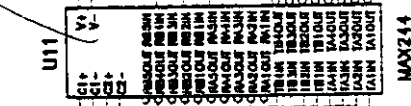
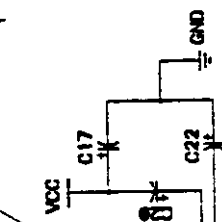


Title Control Unit CSRI1801		
Size	Number	Rev
A3	H042031	A
Date	BITIM	Drawn by
		Sheet
		of

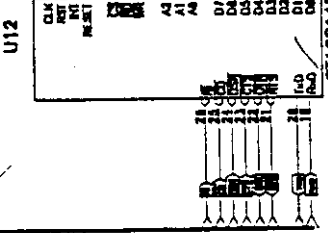


specimen & program interface between microcontroller & the line driver

line driver, interface RS232



UARTBUS



ST18C1451

UART

DATABUS

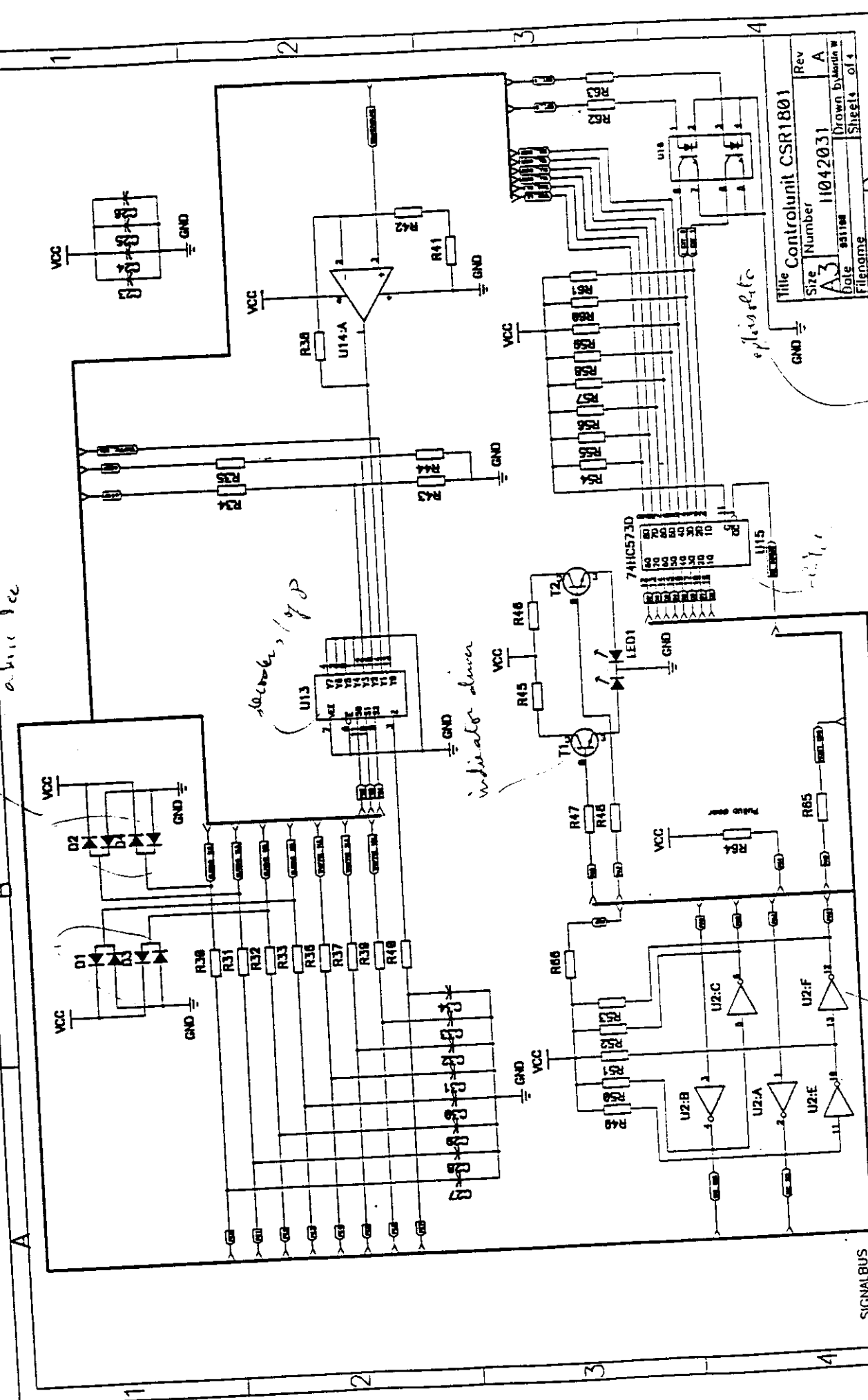
ADDRESSBUS

SIGNALBUS

Title Controlunit CSR1801

Size	Number	Rev
A3	H042031	A
Date	Drawn by	Sheet
11/11/00	W	of 1
Filename	Sheet	of
	1	1

provide data from go: below GND and
active Vcc



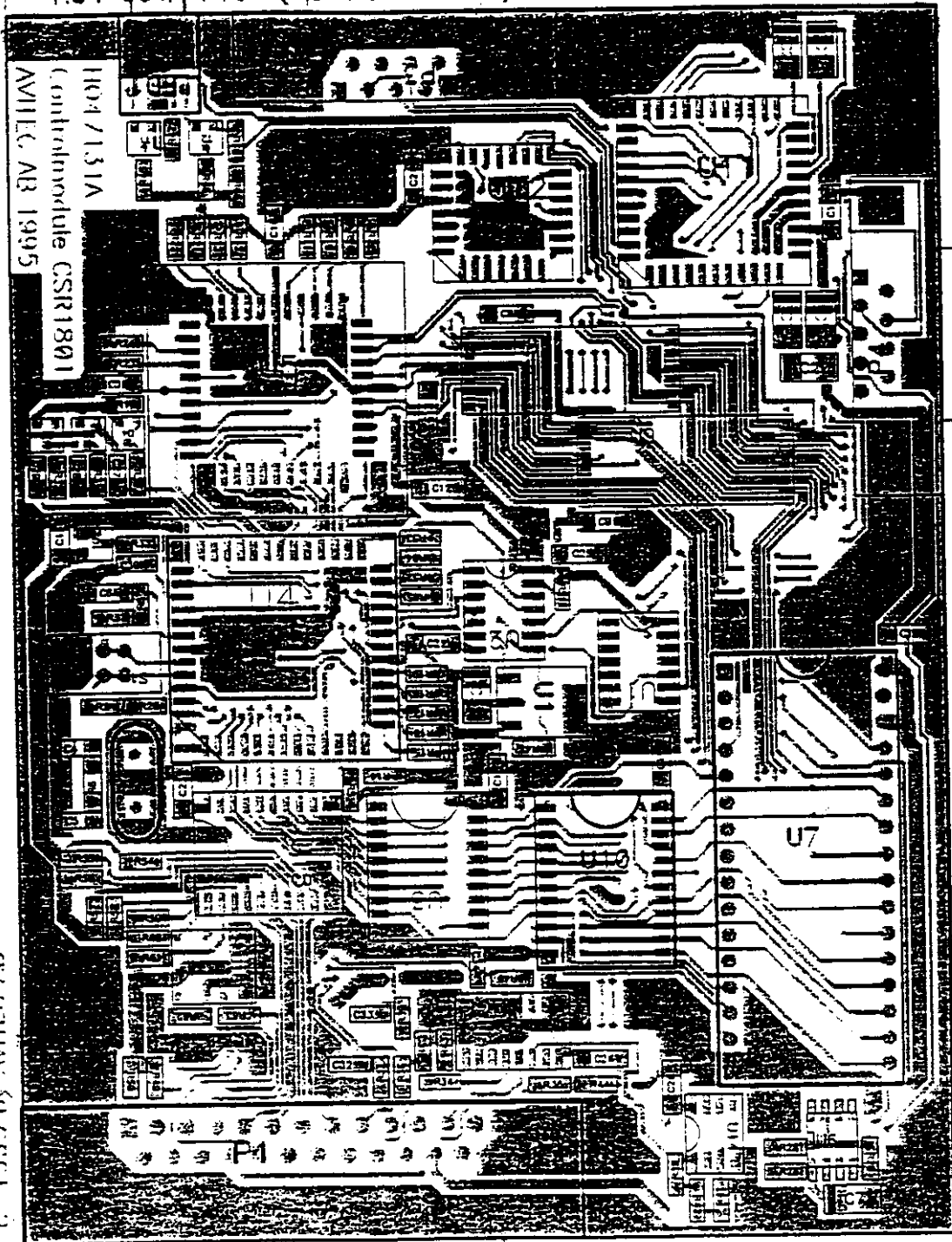
Title	Controlunit CSR1801	Rev	A
Size	A3	Number	11042031
Date	03/10/04	Drawn by	Martin W.
Sheet	1 of 1	File name	

resistor replacement

inverter input buffer

SIGNALBUS
DATABUS

AVITEC AB Part No. H047031A - AF Controlmodule CSR1801
H047031A TOP (COMPONENTSIDE)



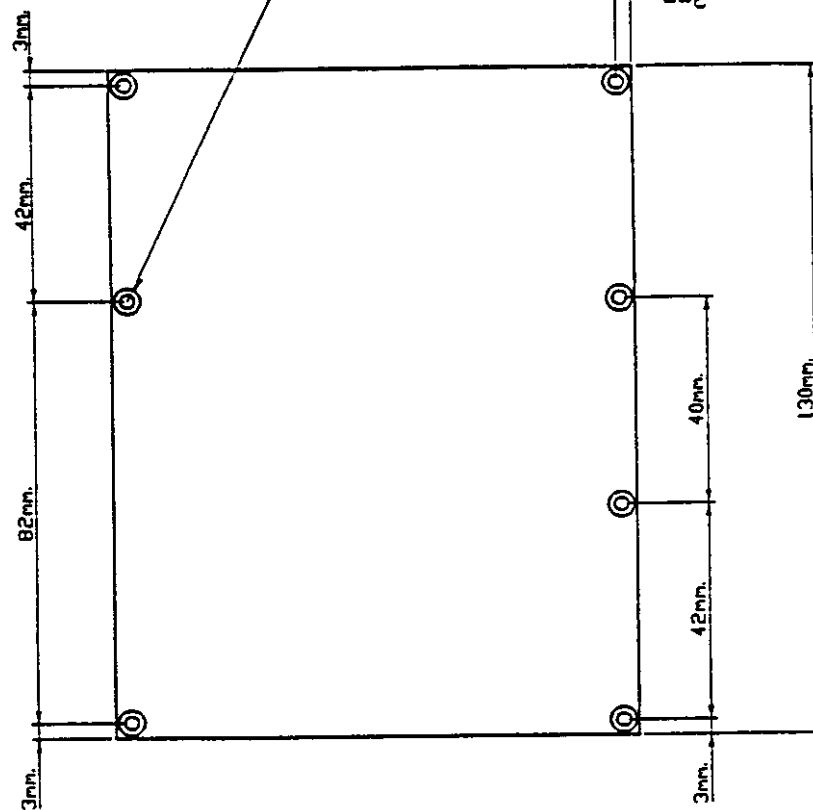
© 1995 by AVITEC AB

H047031A

Lower Left corner: 000000, 000000
= 000000

Version: Nov 20 1995

100m.



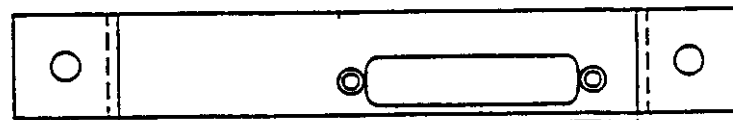
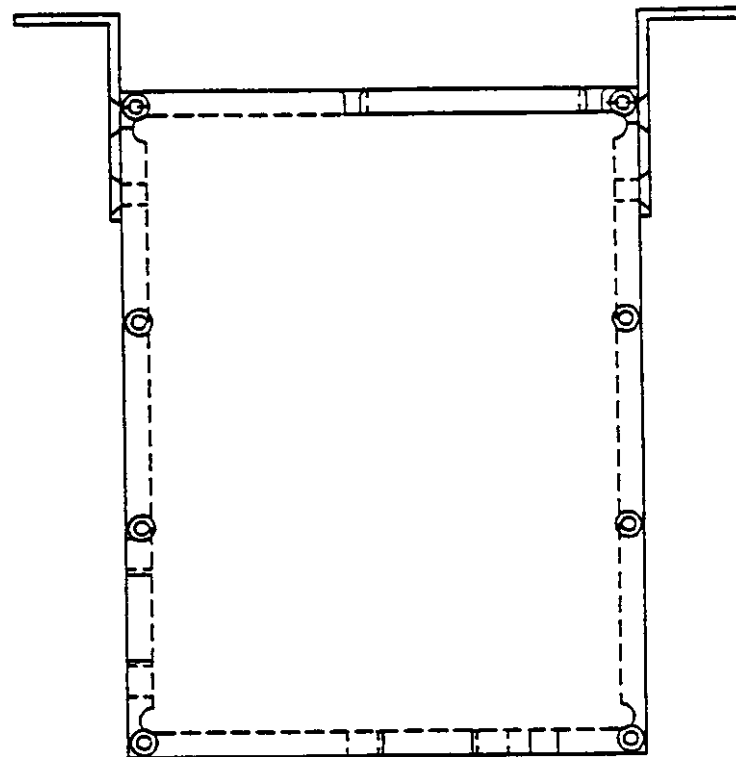
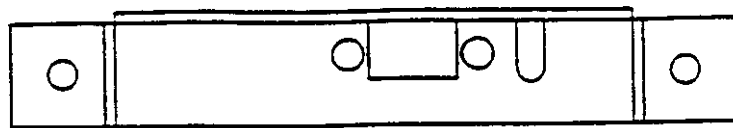
7 st S FR MFX H M2.5



AVTEC
SUBROM

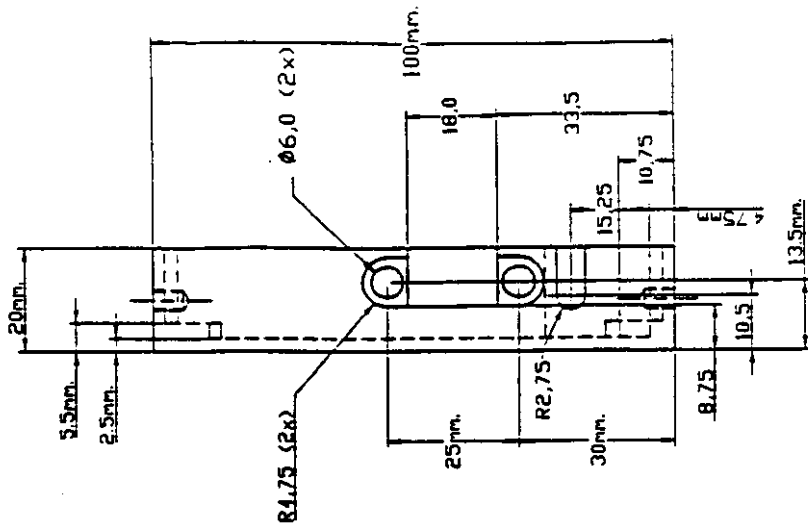
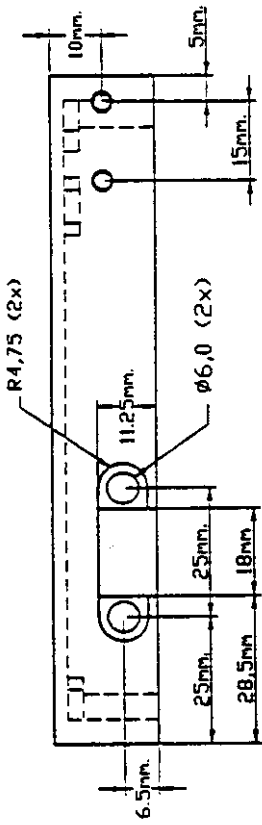
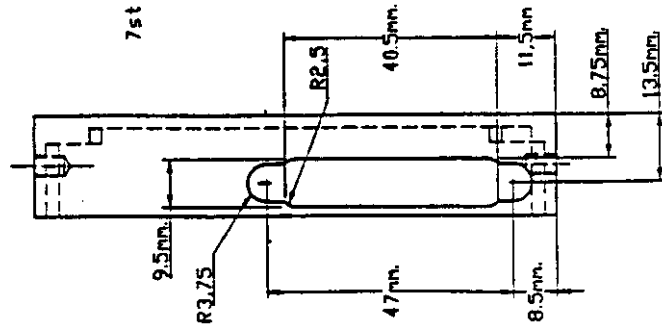
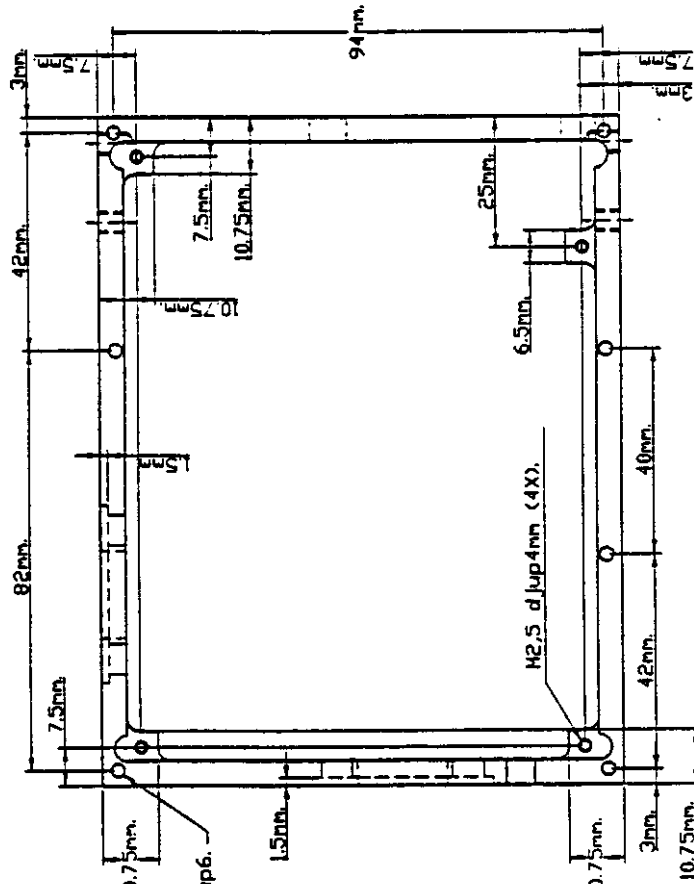
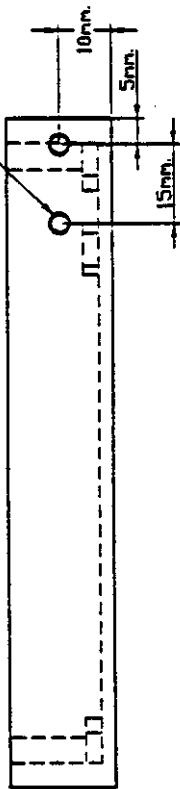
NAME	ALUIN	Material	AL 1/2 h	General Tolerances	715 MED.	fast machining	h/c
NC	H047002 D	Material	AL 1/2 h	Finishing	ALUDIN	Identif./stock ind	H.S.
Appr for a	HPN	Scale	1:1	Appr for h	A3		

Kontrollenhet, Sammanställning.
H047001B, H047002B, E037012B



LÅDA KPL KONTROLLENIET		Uppgjord	
H043001 A 95-09-20		HPN	
ALUMINIUM		SEAL	
715 MED		A3	
ALUDIN		Vårskott	
H043001		H043001	
H043001		H043001	

H4 (4X) 7.0 d lup



AL-LADA KONTROLLENHET

1047001 D 95-10-20

ALUMINIUM

715 MED

AVITEC

1:1 A3

1:1 A3

1:1 A3

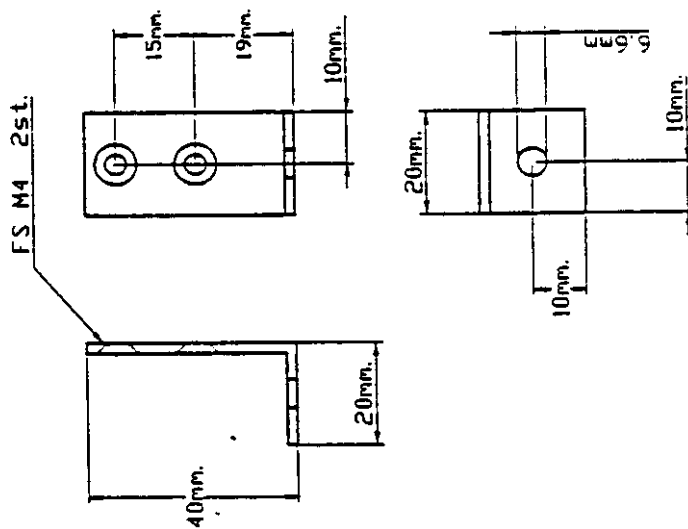
1:1 A3

1:1 A3

1:1 A3

1:1 A3

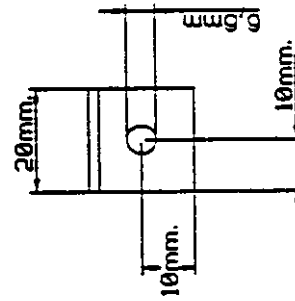
Fästvinkel Mat Al-L-profil 40 x 20. t=2.



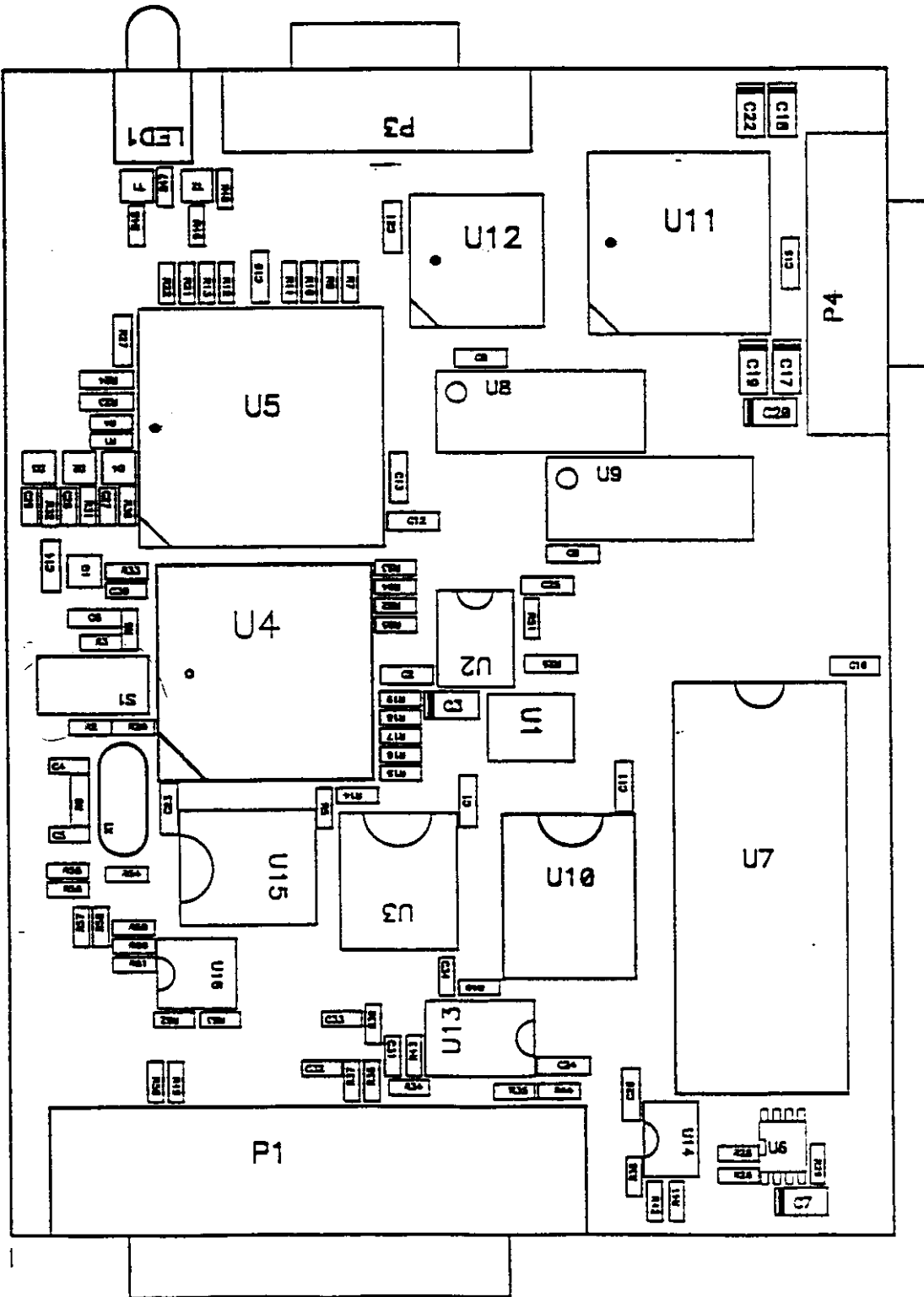
FÄSTVINKEL		KANAL - /KONTROLLENHET	
E637021 B 95-12-07		HPN	
ALUMINIUM		ANP	
20.1		ALUDIN	
Fästvinkel		Fästvinkel	
Fästvinkel		Fästvinkel	



Technical drawing of a mechanical part. The main view shows a rectangular block with a width of 40 mm and a height of 20 mm. A callout line points to the top surface of the block, which is labeled "FS M4 2st.". The callout view shows a cross-section of the block with two circular holes. The distance between the centers of the holes is 15 mm. The distance from the center of the right hole to the right edge is 20 mm. The thickness of the block is 10 mm.



 AVITIC	ALUMINIUM General fabric and 10.1		11.3.2006 ALUDIN Aluminium-Deckschicht 11.3		
	11.3.2006 ALUDIN Aluminium-Deckschicht 11.3		11.3.2006 ALUDIN Aluminium-Deckschicht 11.3		
FASTVINKEL KANAL - /KONTROLLEN/ET					
11.3.2006 ALUDIN Aluminium-Deckschicht 11.3		11.3.2006 ALUDIN Aluminium-Deckschicht 11.3		11.3.2006 ALUDIN Aluminium-Deckschicht 11.3	



H267031X

H04 70 31 X

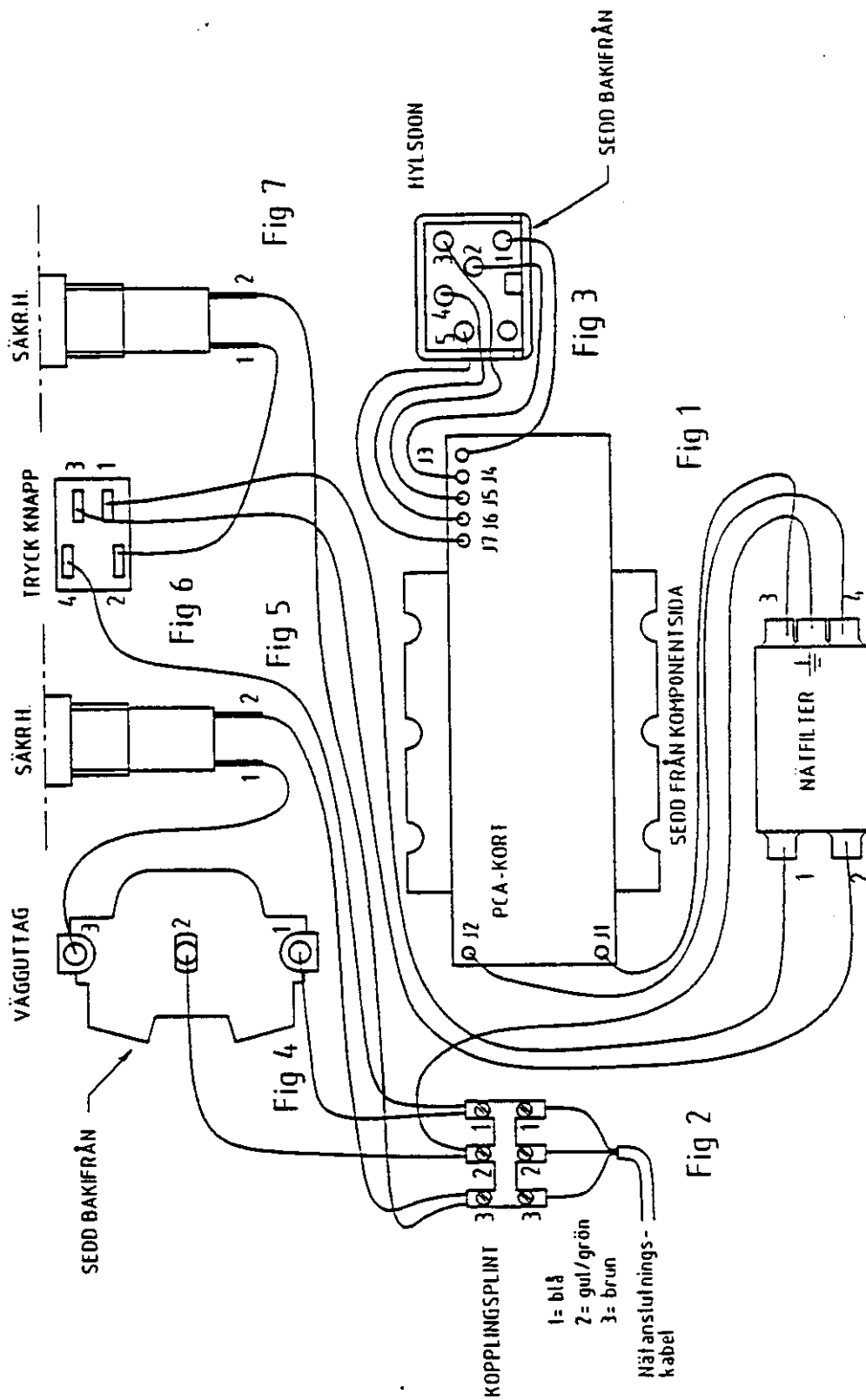


Fig 8

BILAGA TILL OP-LISTA KABLAR AC/DC

ALUMINIUM
 General Elektrons

AVITEC

Upplysningar
 J117106 A 95-11-27

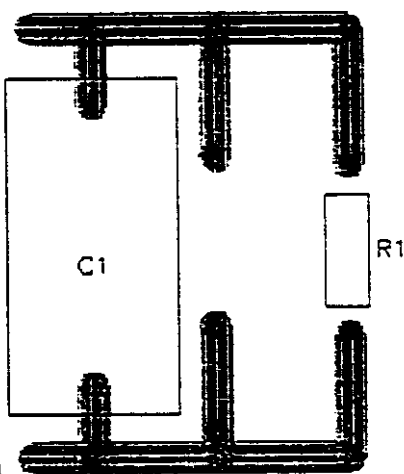
Övrigt
 ANP

Övrigt
 Teknisk handling

Övrigt
 Teknisk handling

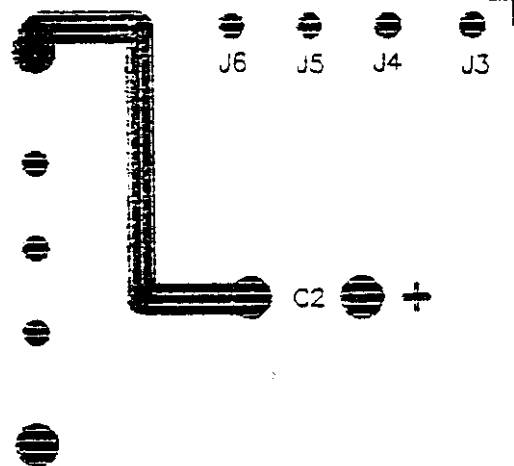
AVITEC AB ART.NO. J117034B ART. AC/DC CSR1301
 J117034B . TOP (KOMPONENTSIDA)

1995 by AVITEC AB



AVITEC AB
 J117034B
 AC/DC CSR1301

FU



Lower Left corner (0000000 0000000)
 = Ref Point (Top Left)

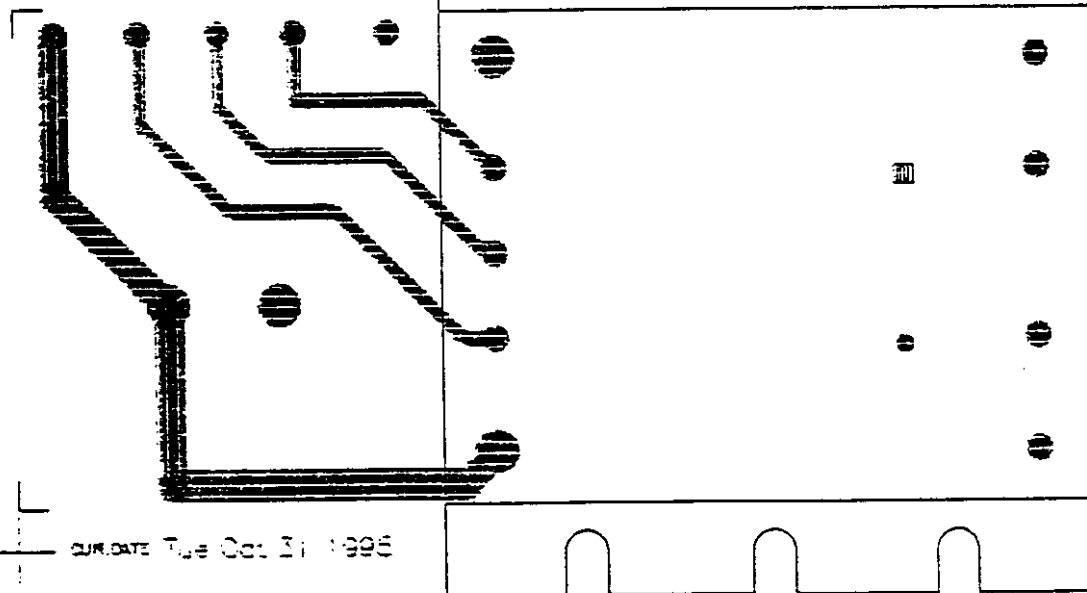
DATE Tue Oct 31 1995

AVITEC AB

ART.NO. J1170342

ART. AC/DC CSR1301

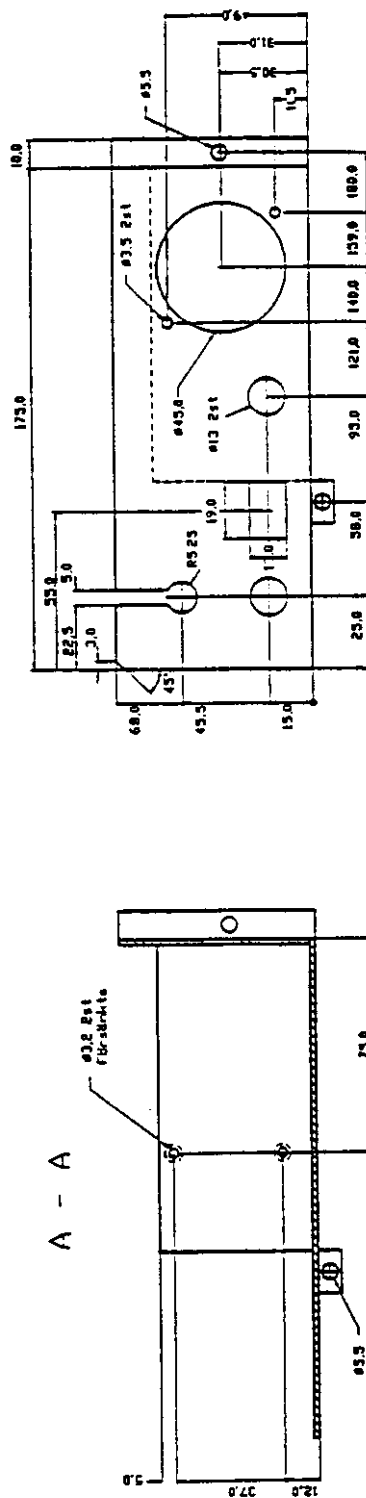
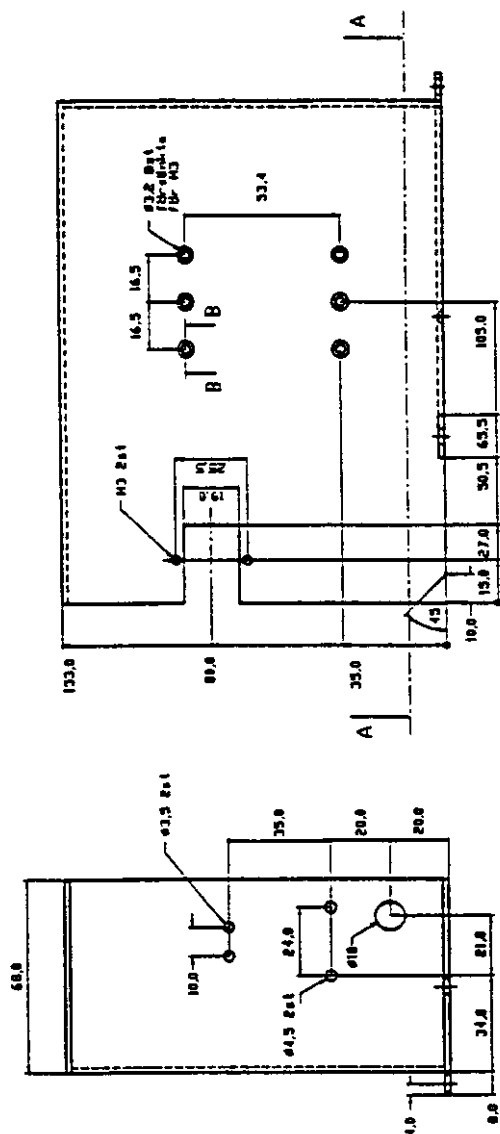
J1170342 BOT (LODSIDA)



DATE: Tue Oct 31 1995

1995 by AVITEC AB

SKALA 2.1



A - A

FASTVINKEL/KRAFT AC/DC



7/NAHF 1 AC7 DC
J117101 B 95-10-23

Not in

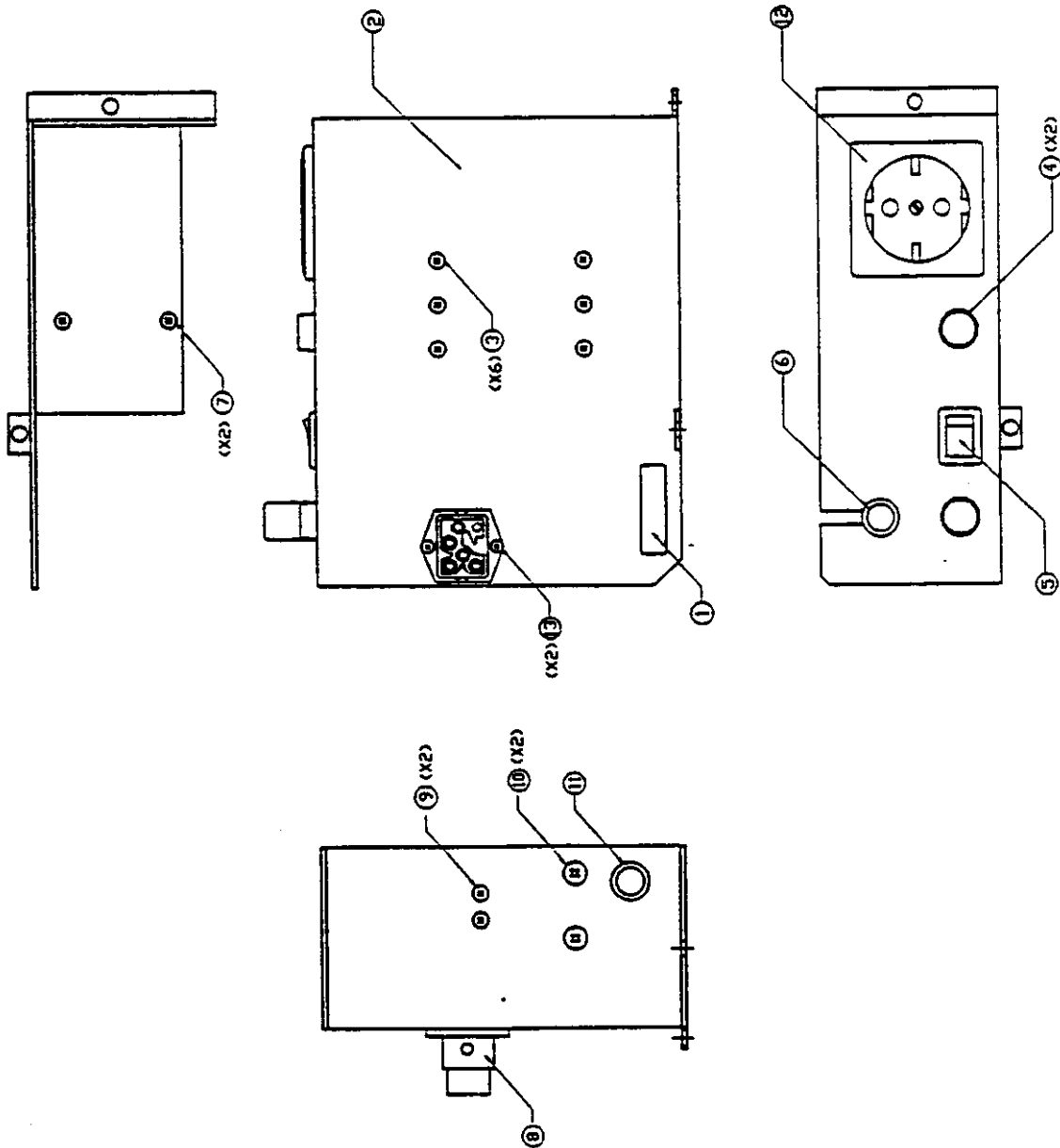
14

ALCOHOL

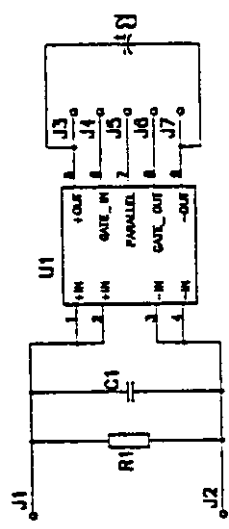
бухгалтерский

Uyruo fufon

Copyright 1995 by Avitec AB, Sweden



AVITEC		KRAFT AC/DC SAMMANSTÄLLNING	
Subkomponenter		Material	
J117111 A 95-11-17		J117111 A 95-11-17	
AL 2mm		AL 2mm	
±0,1		±0,1	
Färdigställning		Färdigställning	
HLS		HLS	
ALUDIN		ALUDIN	
Vårskick		Vårskick	
ANP		ANP	
HLS		HLS	



Title AC/DC CSR1801			
Size	Number	Rev	
A3	J112034	B	
Date	Drawn by	Sheet	
Filename	Sheet	of	



PROV KÖPPLINGSINSTRUKTION FÖR AC/DC, DC/DC, DISTRIBUTIONSKORT 1

1.0 INLEDNING

1.01 Syfte

Prov koppling och spänning verifiering

1.02 Omfattning

1. Koppling

2. Mätning

3. Verifiering

2.0 FÖRUTSÄTTNINGAR

2.01 Mätutrustning

1st Multimeter

2.02 Test objekt

AC/DC, DC/DC, DISTRIBUTIONSKORT 1

3.0 FUNKTIONSVERIFIERING AV AC/DC

3.01 Sätt in sökringar 2A trög i båda sökringshålarna

3.02 Koppla in matningsspänning 220V till AC/DC

3.03 Med hjälp av multimeter kontrollera AC spänningen i uttaget på modulen

Krav 220V OBS ! Iakttag stor försiktighet

3.04 Slå på strömmen

3.05 Mät DC spänningen mellan punkter 1. och 2. (se bild 1)

Krav 310V OBS ! Iakttag stor försiktighet

3.06 Slå av strömmen

4.0 FUNKTIONSVERIFIERING AV DC/DC

4.01 Koppla in DC/DC till AC/DC

4.02 En utav kablar som går ur DC/DC kopplas till lilla kortet

och den andra skall hänga i luften

4.03 Slå på AC/DC

4.04 Mät DC spänningar över de två motstånden som är på kortet.

Spänning över ett skall vara 11V och över det andra 20V $\pm 1V$

4.05 Byt kabel och utför samma mätningar en gång till

4.06 Slå av AC/DC



4.07 Koppla ur kablar från lilla kortet

5.0 FUNKTIONSKOPPLING FÖR DISTRIB. KORT 1

5.01 Koppla en kabel från DC/DC till DISTRIB:KORT 1

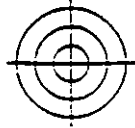
P8 (se bild 2)

5.02 Slå på AC/DC

5.03 Mät spänningen på P12

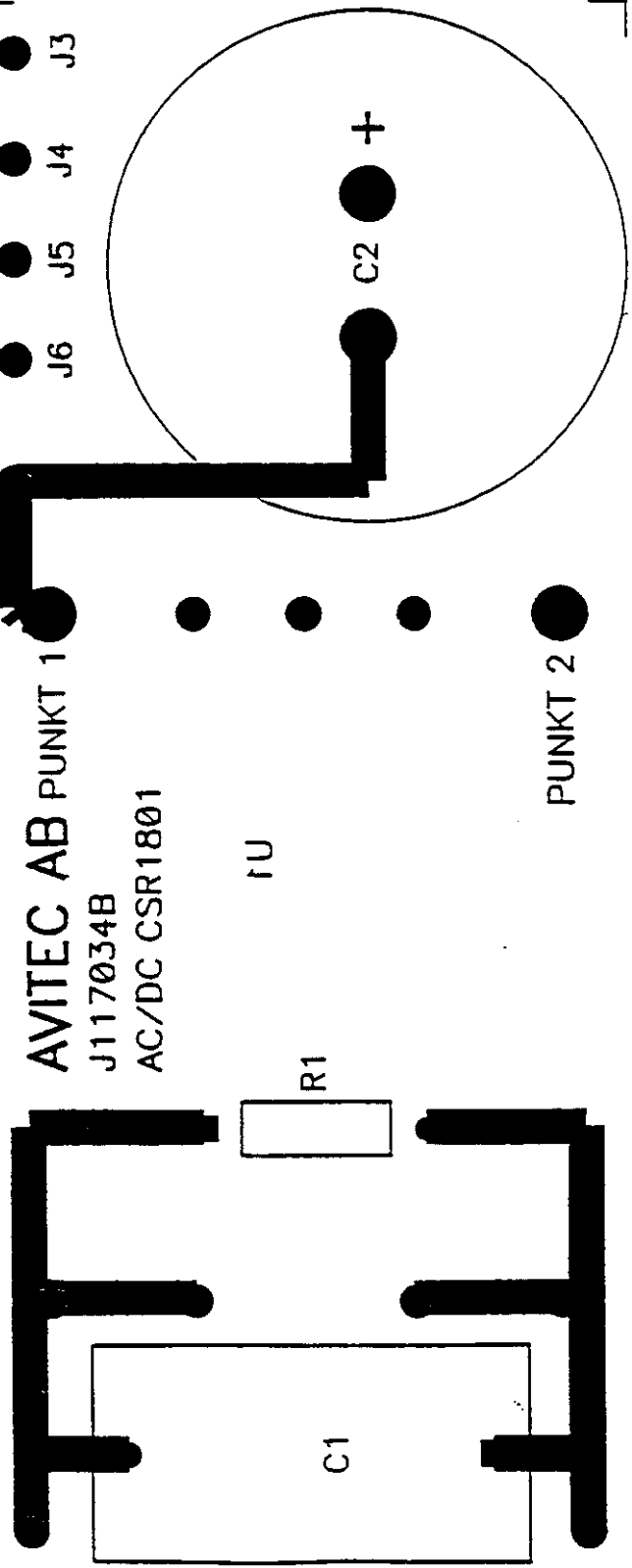
Krav 10V

5.04 Spänningen i gråa trådet skall vara 5V (punkt 1)



AVITEC AB
ART.NO. J117034B . TOP (KOMPONENTSIDA)
ART.AC/DC CSR1801

BILD 1

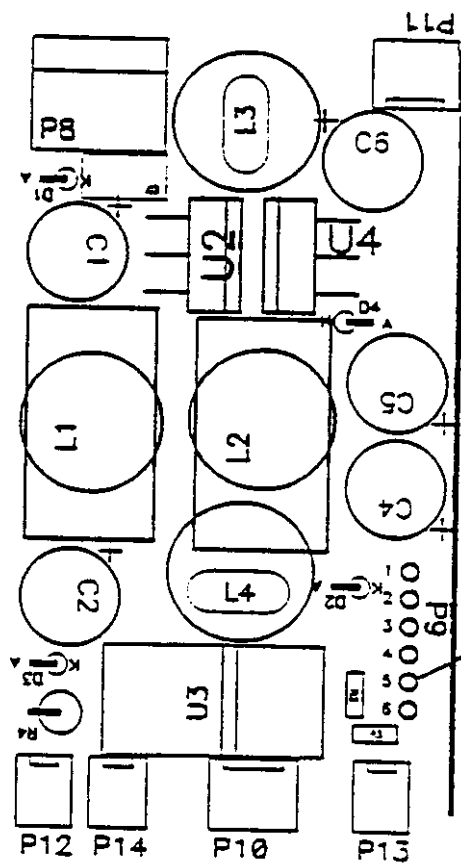


© 1995 by AVITEC AB

Lower Left corner (000000 , 000000)
= RefPoint (Tool "T19")

CUR.DATE Wed Dec 06 1995

BILD 2



STIFT DON

SEDD BAKIFRAN

FIG 1

- 1= Röd
2= Violett
3= Grå
4= Gul
5= Svart

MOLEXKONTAKT



- 1= Orange
2= Röd
3= Svart

SEDDO FRAN KABELSIDAN

FIG 3

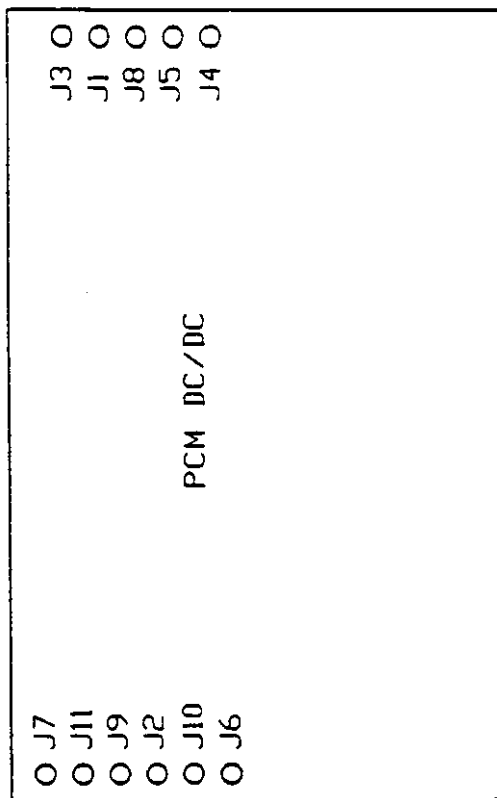
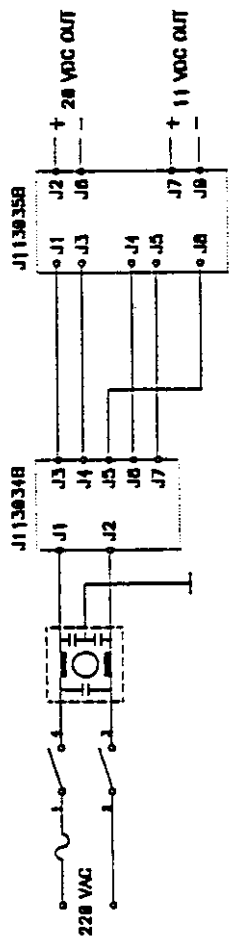


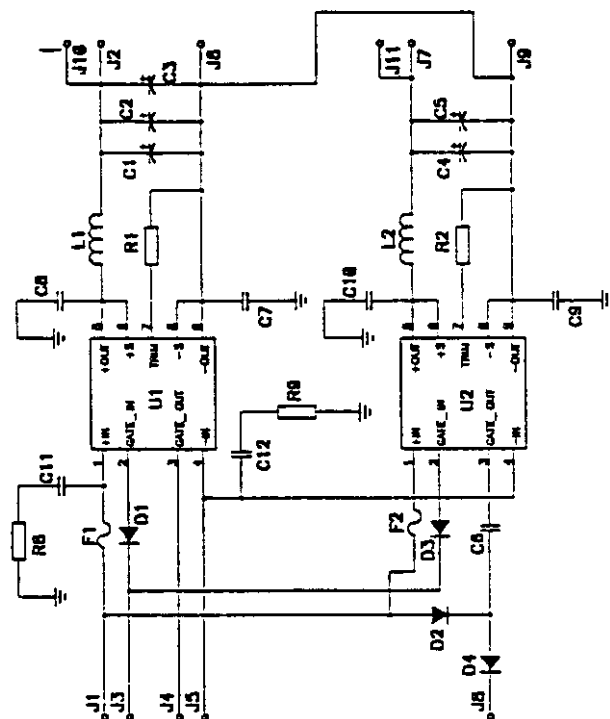
FIG 2

SEDD FRÅN KOMPONENTSIDAN

[illegible]



Title CSR1801 POWERSUPPLY			
Size	Number	Rev	
A3	J112033	A	
Date	Drawn By	Sheet	d
Page			

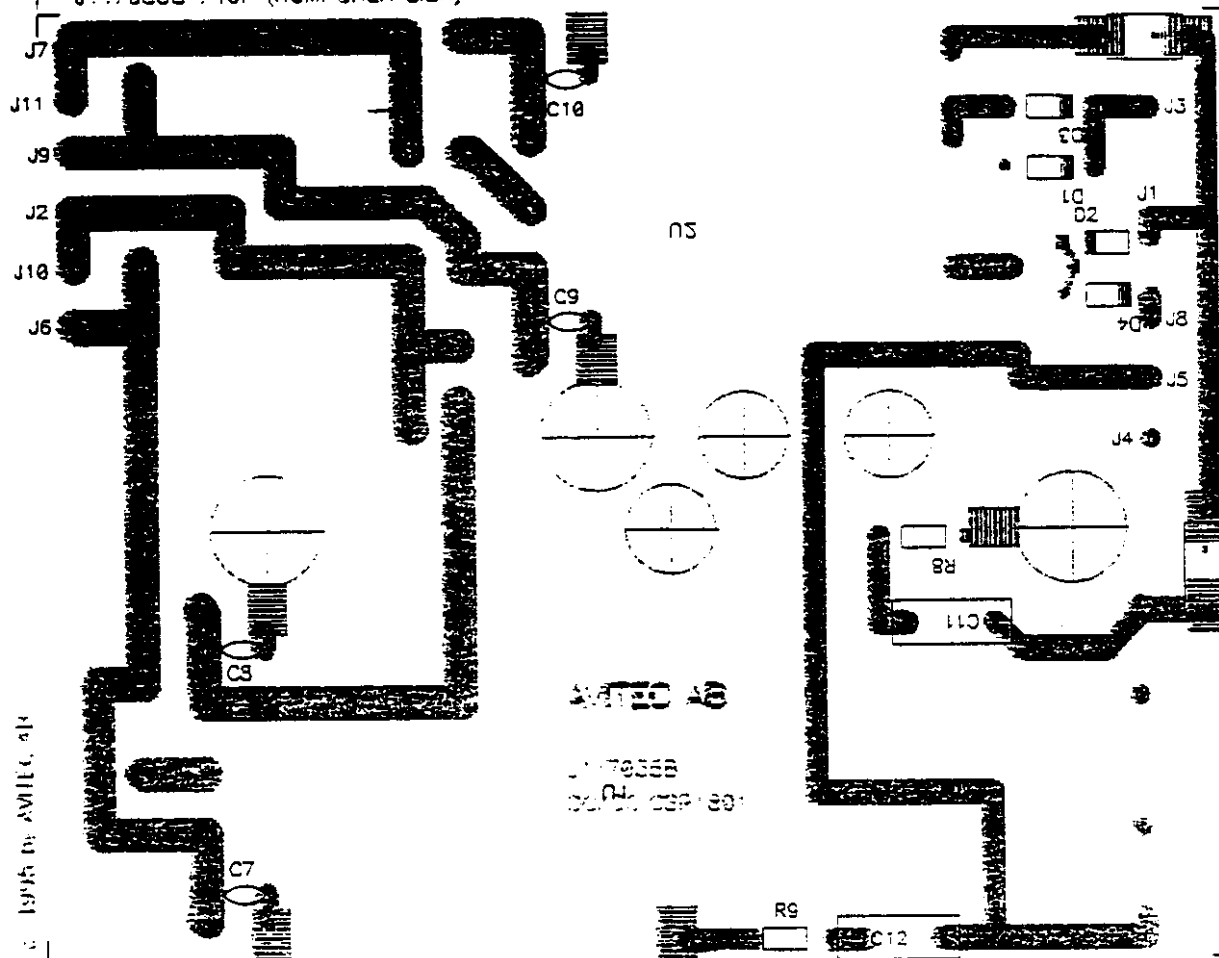


Title DC/DC CSR1801

Size Number Rev
A3 J112035 B

Date Drawn by Sheet
Filename of

AVITEC AB W170358 W100/00 DSR 1901
 J170358 TOP (KOMPONENTSIDA)



1995 by AVITEC AB

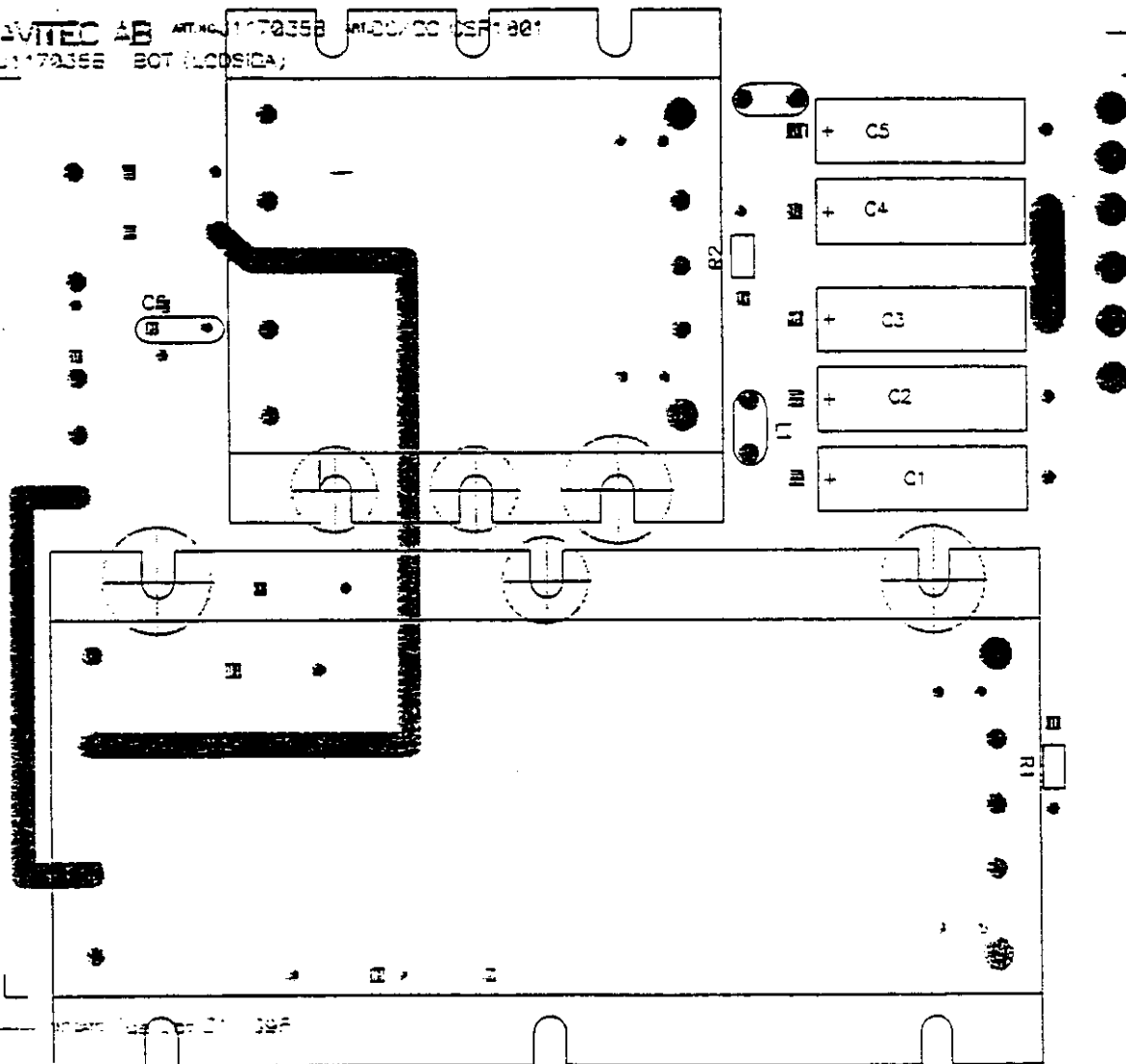
AVITEC AB

W170358
 W100/00 DSR 1901

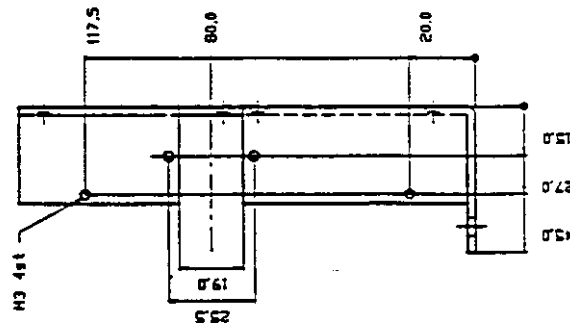
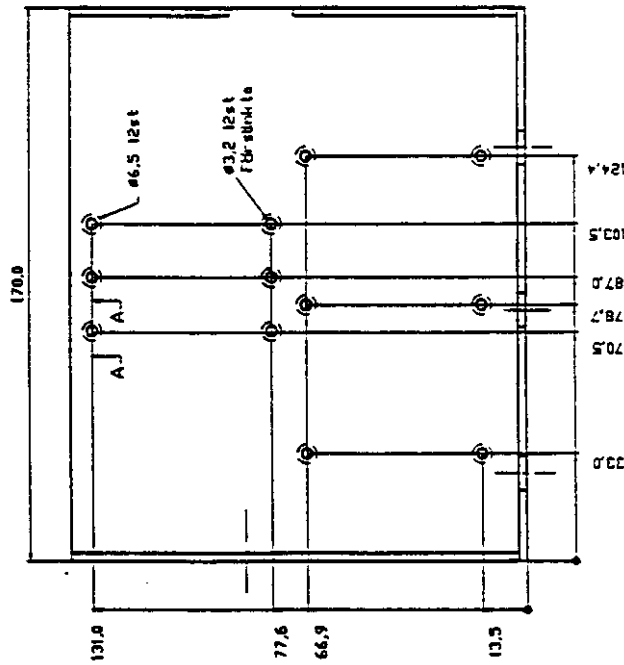
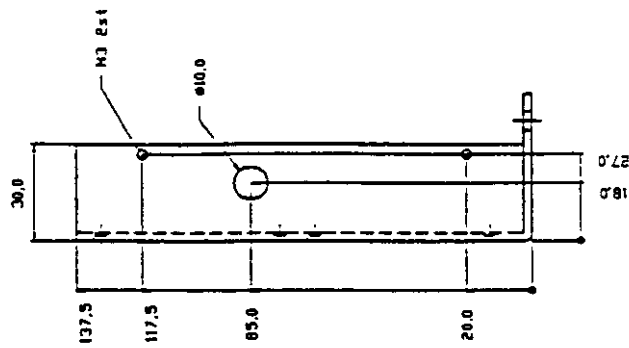
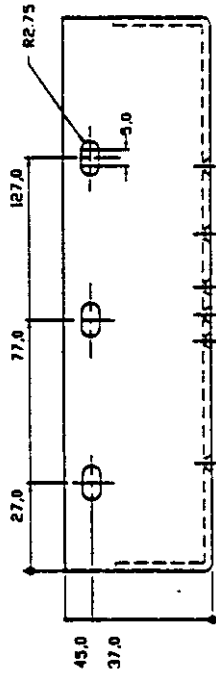
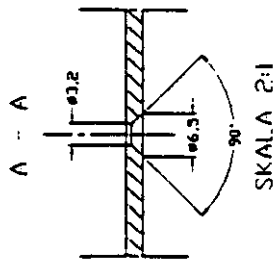
1995 by AVITEC AB

1995 by AVITEC AB

AVITEC AB PART NO. 107035B PART NO. 107035B
 107035B BOT (LOCOSIDA)



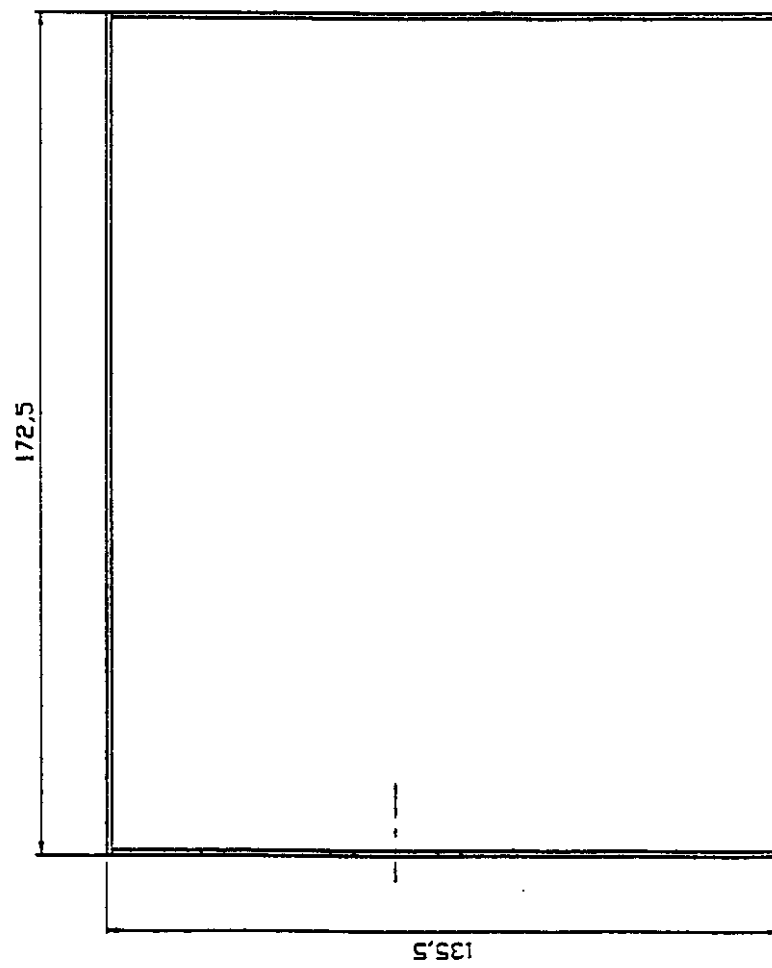
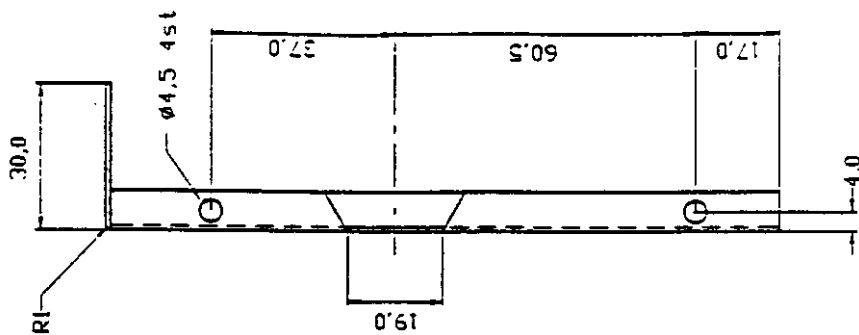
107035B BOT (LOCOSIDA)



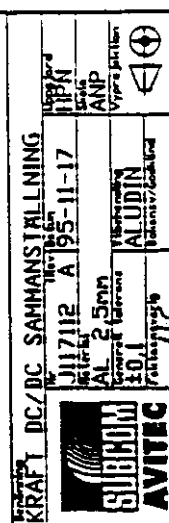
FIRSTVINKEL/KRAFT DC/DC

Material	Alu 2 5mm
General tolerance	ISO 1
Finishing	ALUDIN
Surface treatment	Alu 2 5mm
Part number	117103 B 195-10-20
Version	1.0
Author	ANP
Checked	ANP
Approved	ANP





	AL Imp		ALUDIN		
	401		ALUDIN		
Rabat 1000		Rabat 1000		Rabat 1000	
J117104		B 195-10-23		J117104	
LOCK/KRAF I DC/DC					





PROV KÖPPLINGSINSTRUKTION FÖR AC/DC, DC/DC, DISTRIBUTIONSKORT 1

1.0 INLEDNING

1.01 Syfte

Prov koppling och spänning verifiering

1.02 Omfattning

1. Koppling

2. Mätning

3. Verifiering

2.0 FÖRUTSÄTTNINGAR

2.01 Mätutrustning

1st Multimeter

2.02 Test objekt

AC/DC, DC/DC, DISTRIBUTIONSKORT 1

3.0 FUNKTIONSVERIFIERING AV AC/DC

3.01 Sätt in sökringar 2A trög i båda sökringshålarna

3.02 Koppla in matningsspänning 220V till AC/DC

3.03 Med hjälp av multimeter kontrollera AC spänningen i uttaget på modulen

Krav 220V OBS ! Iakttag stor försiktighet

3.04 Slå på strömmen

3.05 Mät DC spänningen mellan punkter 1. och 2. (se bild 1)

Krav 310V OBS ! Iakttag stor försiktighet

3.06 Slå av strömmen

4.0 FUNKTIONSVERIFIERING AV DC/DC

4.01 Koppla in DC/DC till AC/DC

4.02 En utav kablar som går ur DC/DC kopplas till lilla kortet

och den andra skall hänga i luften

4.03 Slå på AC/DC

4.04 Mät DC spänningar över de två motstånden som är på kortet.

Spänning över ett skall vara 11V och över det andra 20V $\pm 1V$

4.05 Byt kabel och utför samma mätningar en gång till

4.06 Slå av AC/DC



4.07 Koppla ur kablar från lilla kortet

5.0 FUNKTIONSKOPPLING FÖR DISTRIB. KORT 1

5.01 Koppla en kabel från DC/DC till DISTRIB:KORT 1

P8 (se bild 2)

5.02 Slå på AC/DC

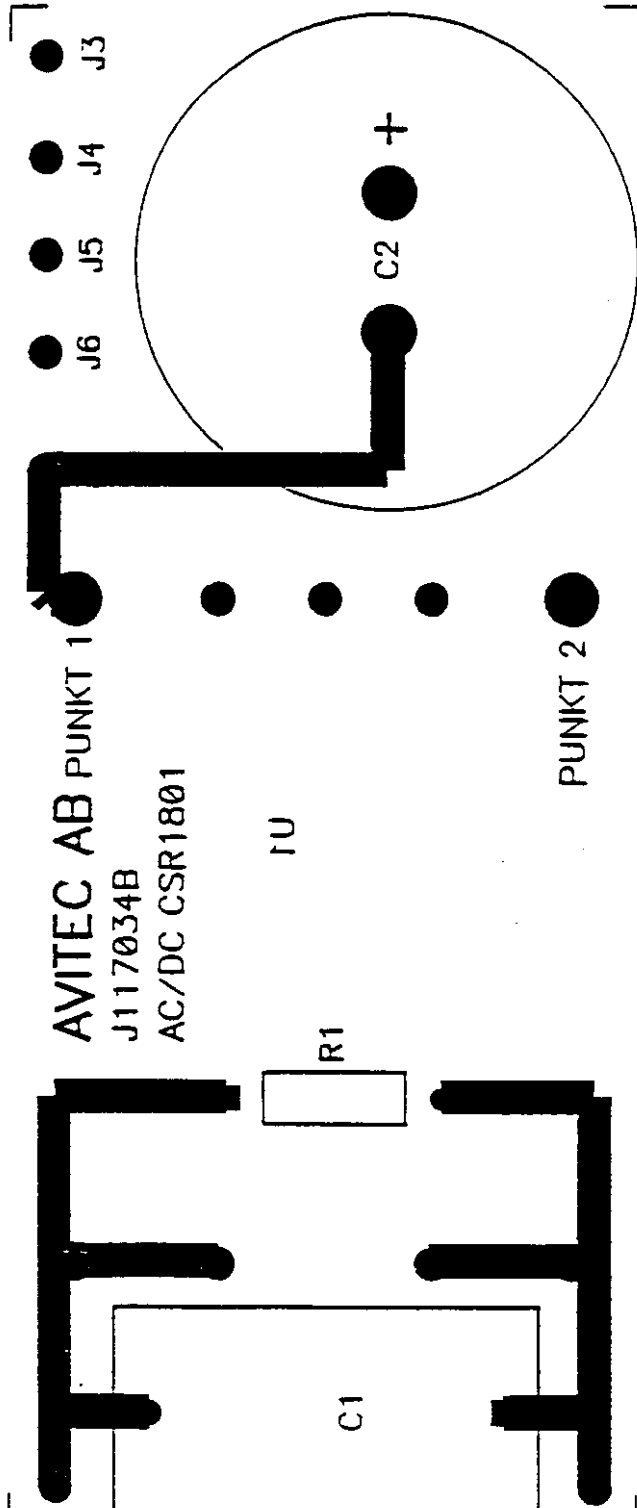
5.03 Mät spänningen på P12

Krav 10V

5.04 Spänningen i gråa trådet skall vara 5V (punkt 1)

AVITEC AB ART. NO. J117034B ART. AC/DC CSR1801
J117034B - TOP (KOMPONENTSIDA)

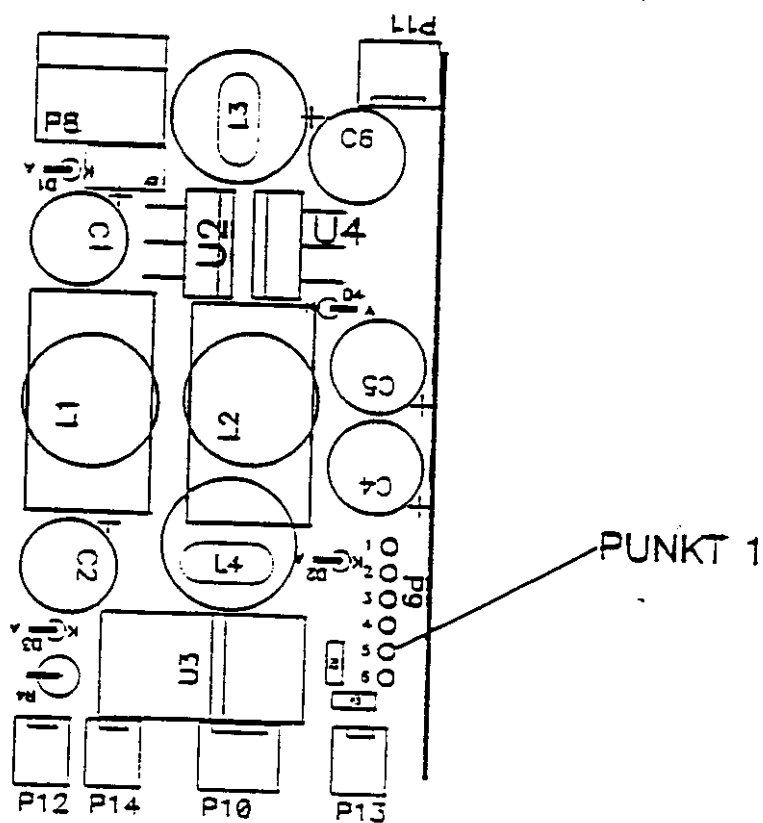
© 1995 by AVITEC AB



Lower Left corner (000000, 000000)
= RefPoint (Tool "T19")

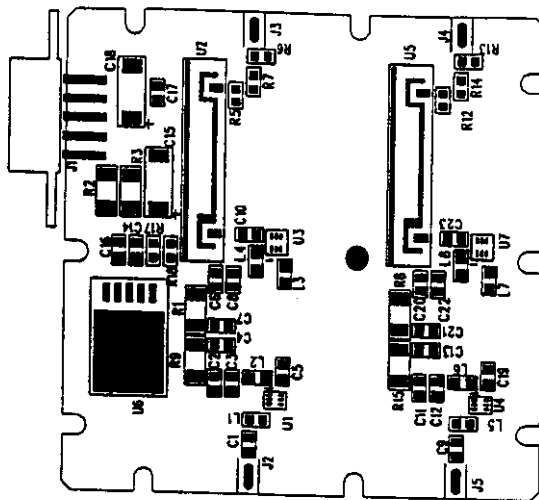
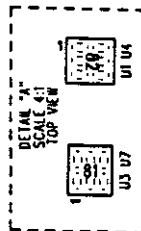
CUR DATE Wed Dec 06 1995 (C)

BILD 2



20071915 POLYMERIZATION

1. ASSEMBLE AND INSPECT PER IPC-610 CLASS 2.
2. ATTACH PART NO., REVISION LETTER, AND SERIAL NO. LABEL TO PCB A PER MPM 1995.
3. USE DATA MARKER 5601-012 FOR PART NO. AND REVISION LETTER. PLACE OVER OLD SKS CREMATED PART NUMBER AND REVISION LETTER.
4. INSTALL U3, U7, U1, & U4 AS SHOWN IN DETAIL "A".
5. SEE SEPARATE PART LIST 9233-004

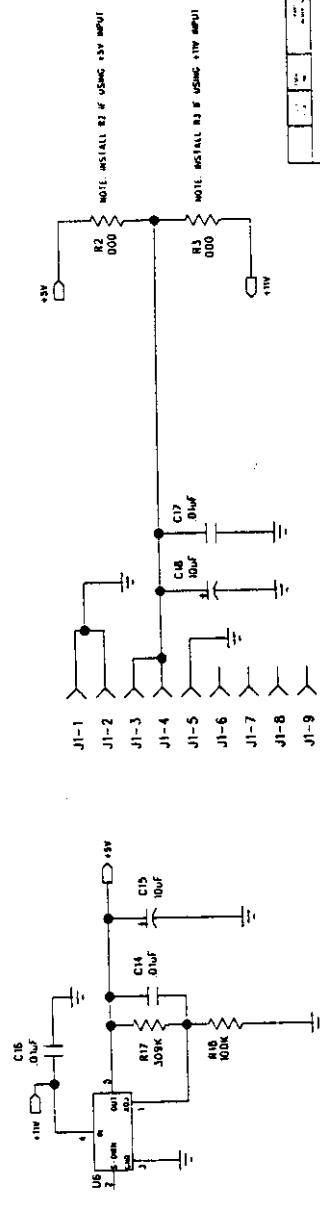
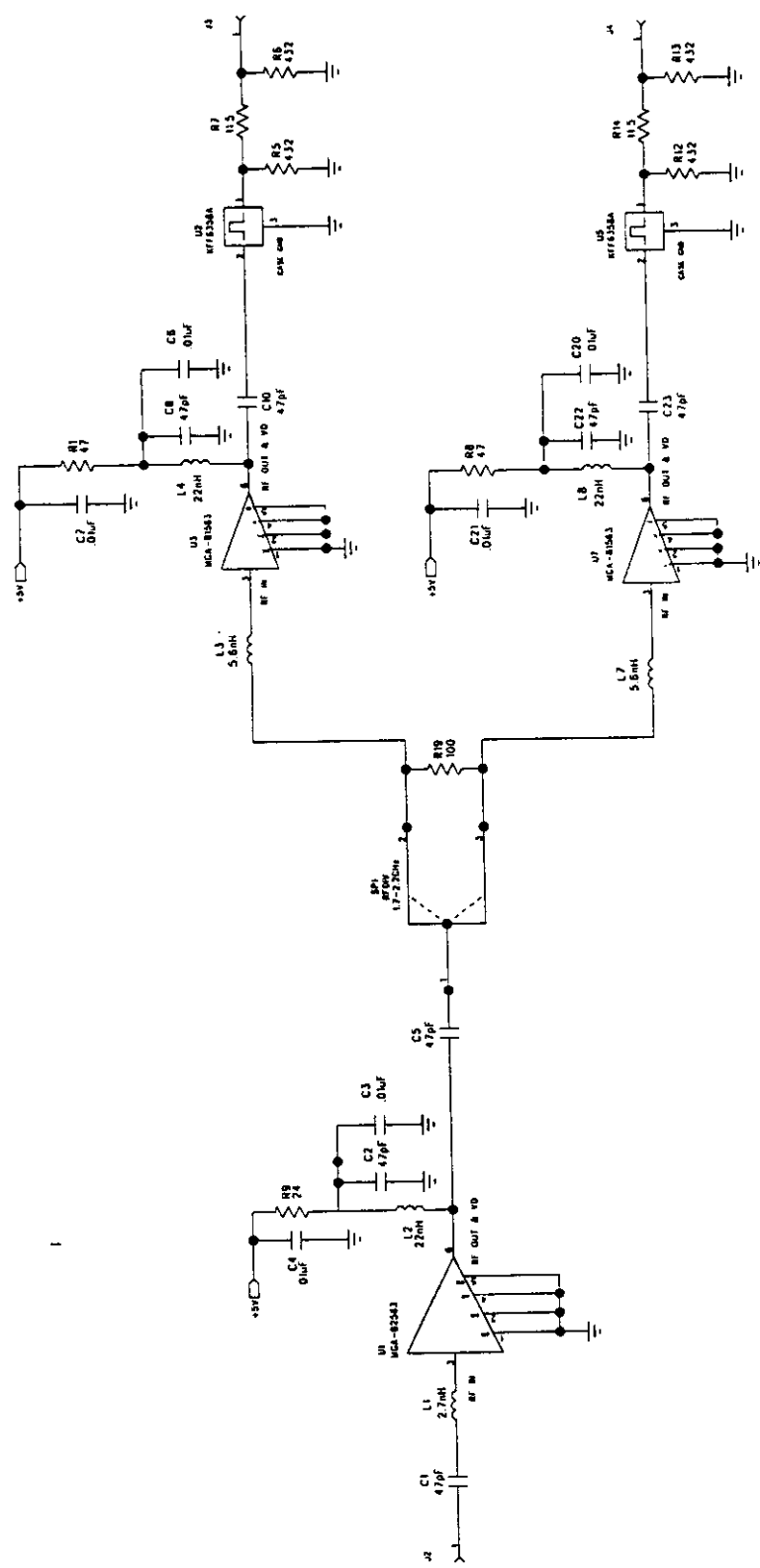


UNCONTROLLED
Invalid for NOB after 1996
Date Issued: Aug 1996

[illegible]

Q. 151

R1	A	PER ECO# 5388	8 13 96
R2	A	PER ECO# 5381	10/1/96

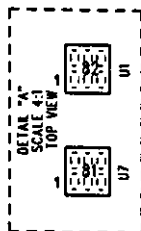


UNCONTROLLED
Invalid for Production
Date Issued: **NOV 20 1998**

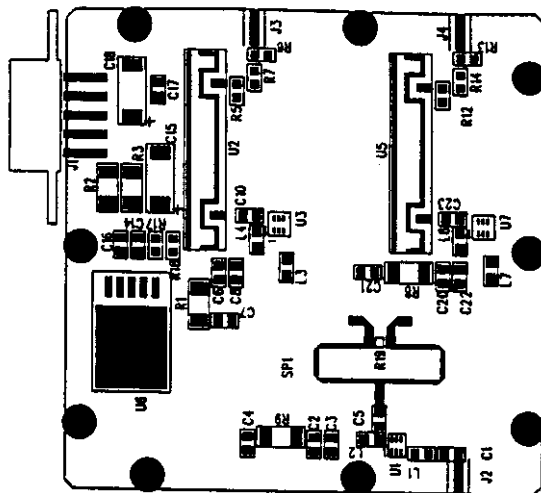
		300 Watt Downlink Beam Antenna - 1.5m x 1.5m x 1.5m	
TITLE: SCH. LNA/SPLITTER DOWN-LINK,		PART: 9228-001	
DATE: 07/30/96		REV: 1	
DESIGNED BY: DDNN BANDALL		CHECKED BY: [Signature]	
DRAWN BY: [Signature]		DATE: 07/30/96	
APPLICATION:		PART: 9228-001	
REV: 1		DATE: 07/30/96	

ORIGINAL

SEARCHED			INDEXED	SERIALIZED	FILED	APR 11 1968
FILE	NO 4	NO 1	NEW RELEASE			
		X1				
		X2	PER CRI 5386		8 12 56	
		A	PER CRI 5581		10/1/68	12-10-68



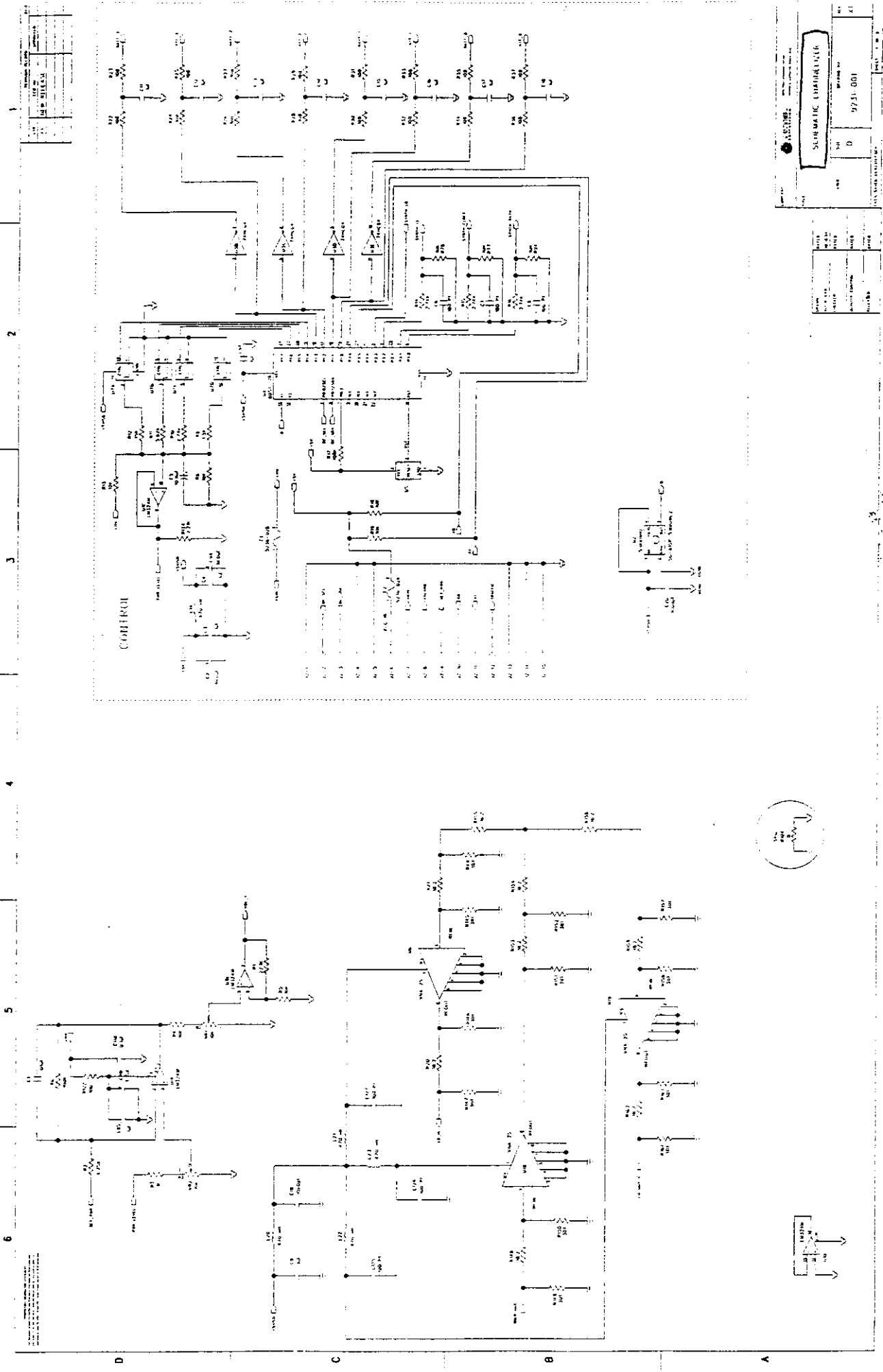
1. ASSEMBLE AND INSPECT PER IPC-610 CLASS 2.
2. ATTACH PART NO., REVISION LETTER, AND SERIAL NO. LABEL TO PCB PER MPI 1005.
3. USE DATA MARKER 3601-012 FOR PART NO. AND REVISION LETTER. PLACE OVER OLD SKETCHED PART NUMBER AND REVISION LETTER.
4. INSTALL U7 & U1 AS SHOWN IN DETAIL "A".
5. SEE SEPARATE PART LIST 9728-004



UNCONTROLLED
Invalid for Production
Date Issued: NOV 20 1986

[illegible]

ORIGINAL



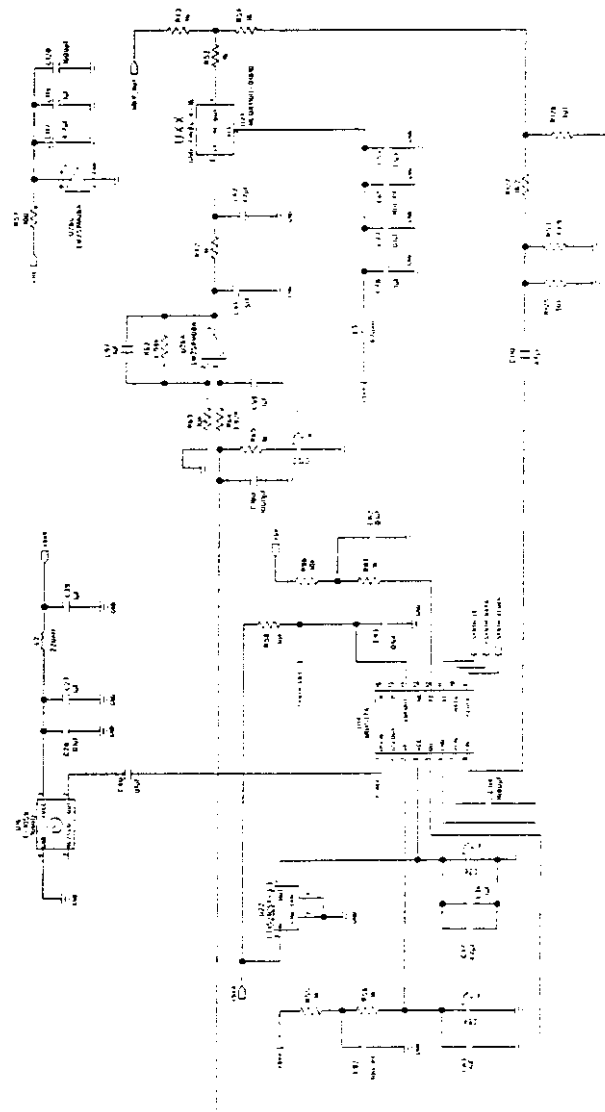


TABLE I		UPPER		DOWN	
		0-24		0-23	
A	B	C	A	B	C
5610	5610	5610	5610	5610	5610
-002	-003	010	002	003	010

