



NORMARC 7033

INSTRUMENT LANDING SYSTEM

Transmitter Figures



NAVIA AVIATION



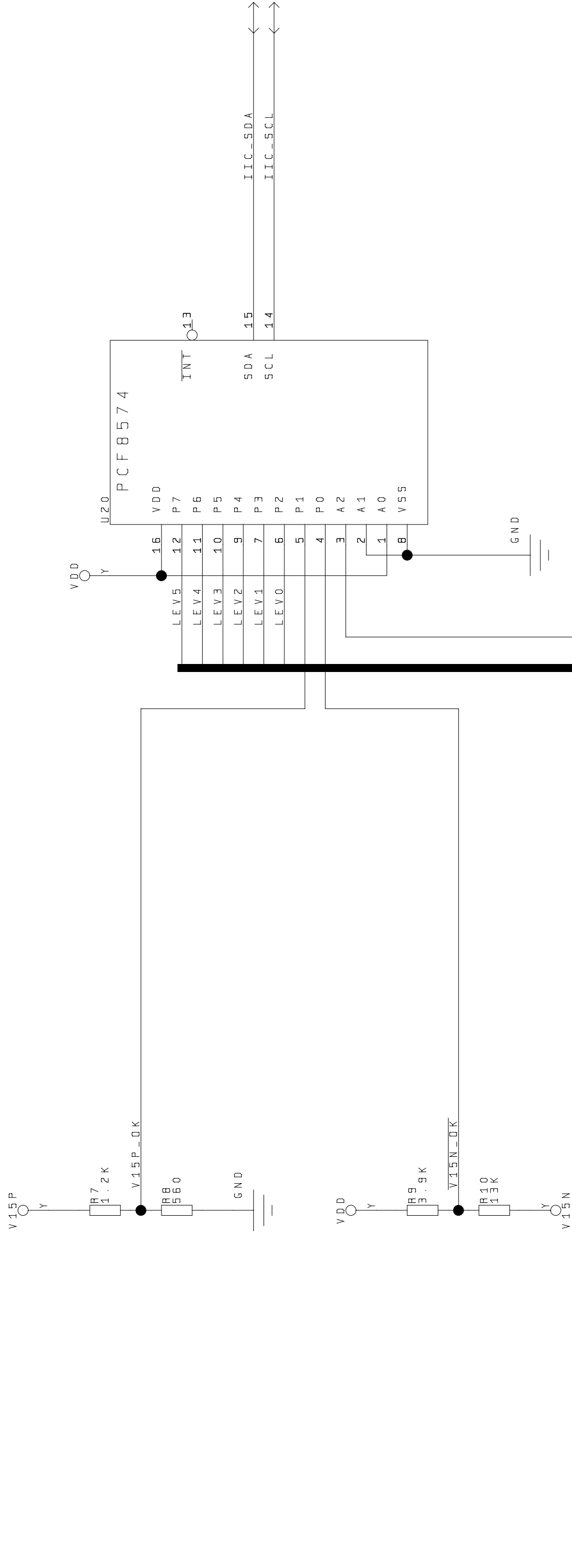
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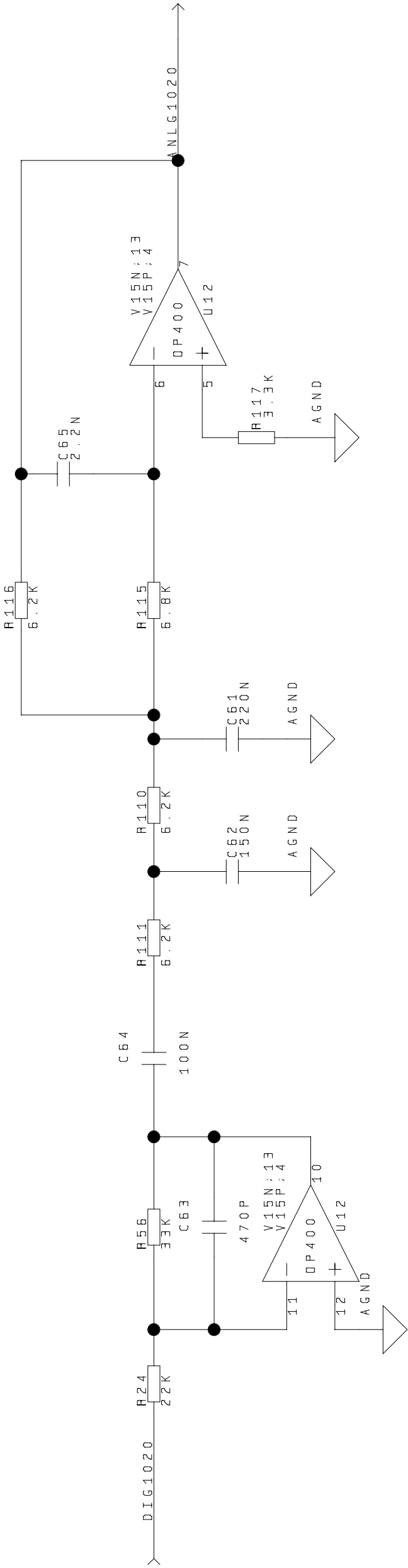
LIST OF FIGURES

1 LF1223A Low Frequency Generator

1.1 *Schematic Diagrams*



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2403	4	03.07.95	ER		NAME : LF_SELF			MODULE : LF1223A
2259	3	16.03.95	ER		DWG. NO. : 15472			VERSION : 7
2205	2	08.02.95	ER	PROJECT :				
REF. NO.	ISSUE	DATE	SIGN	Copyright and all modification rights reserved NAVIA AVIATION AS, NORWAY				



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2403	4	03.07.95	ER					MODULE : L F 1 2 2 3 A				
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2205	2	08.02.95	ER					DWG. NO. : 15472				VERSION : 7
REF. NO.	ISSUE	DATE	SIGN	PROJECT :								
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LF90-DIG

L90

DIG90ANLG90

LF90-ANLG

A90

AGC-AMP

ANLGREGGC

LF90-OUT

IDENT

WR

DAC-A

SDMMSB-CS

SDMLSB-CS

DDMMSB-CS

DDMLSB-CS

IDRF-CS

DATA[7:0]



MOD

IDENTGC90

MOD-AMP

RF-LEVEL

DC-IDENT

DATA[7:0]GC150

GC90

P90

AC-IN

REF

PEAK-VAL

CMP

LEV90

DCV

DC-VAL

AC-IN

CMP

LEVDC

DC-IDENT

GC150

P150

PEAKVAL2

REF

AC-IN

CMP

LEV150

LF150-DIG

L150

DIG150ANLG150

LF150-ANLG

A150

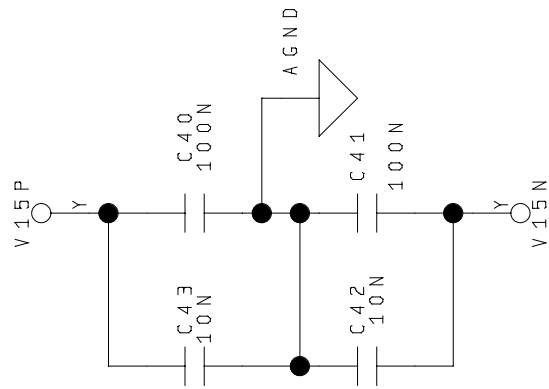
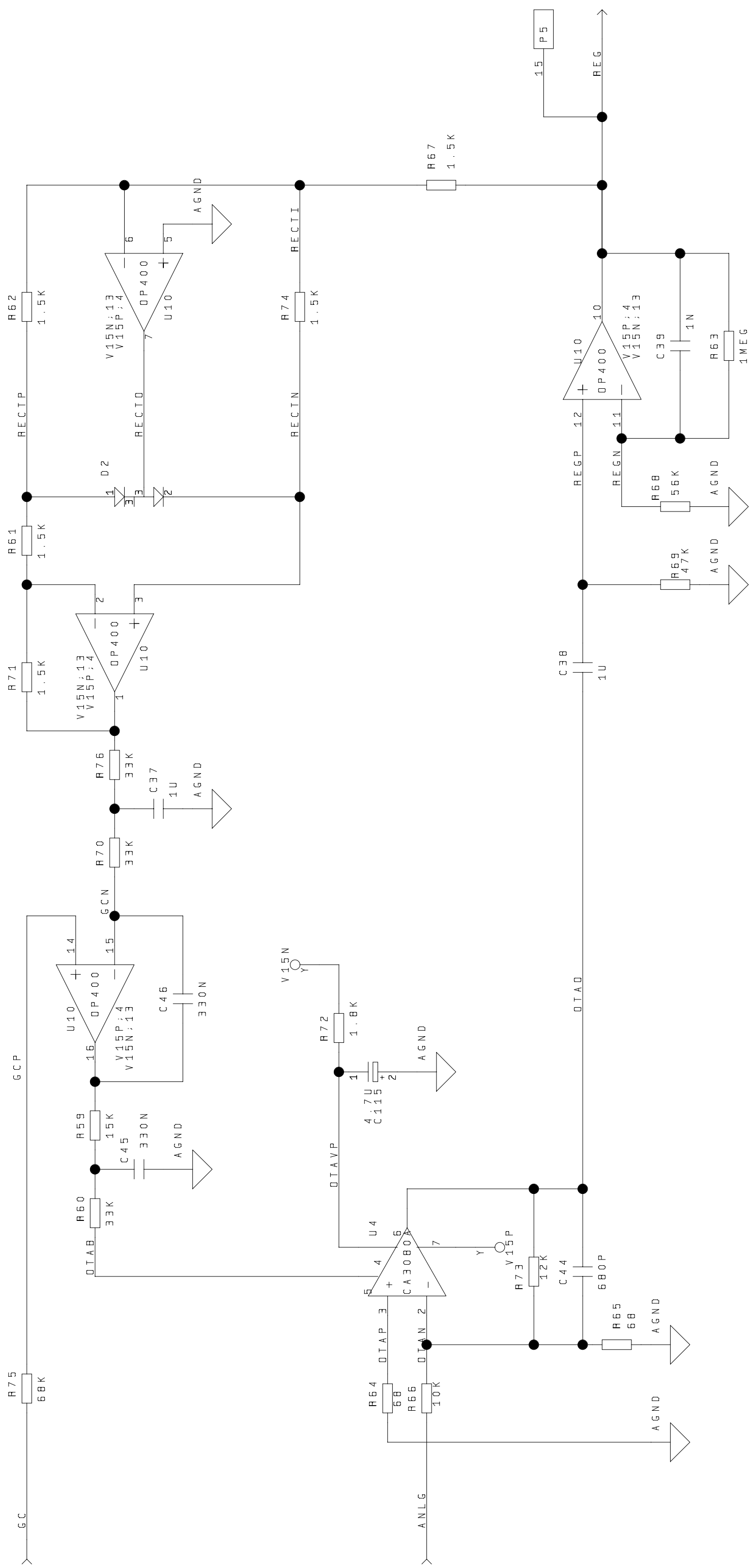
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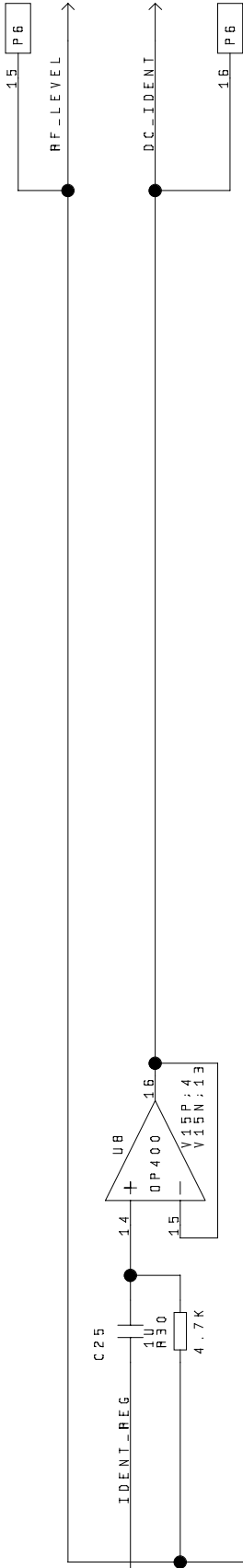
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2403	4	03.07.95	ER		#SCH.:	#HDL:	SIZE: A3
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2205	2	08.02.95	ER	 Normarc	DWG. NO. :	15472	VERSION : 7
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2837	7	13.11.96	ER	DESCRIPTION : CIRCUIT DIAGRAM	DRAWN	10.10.94	ER				
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2498	5	29.09.95	ER								
2403	4	03.07.95	ER		NAME : AGCAMP	MODULE : LF1223A	#SCH. : 24	#HDL : A3	SIZE : A3	SHEET : 8	VERSION : 7
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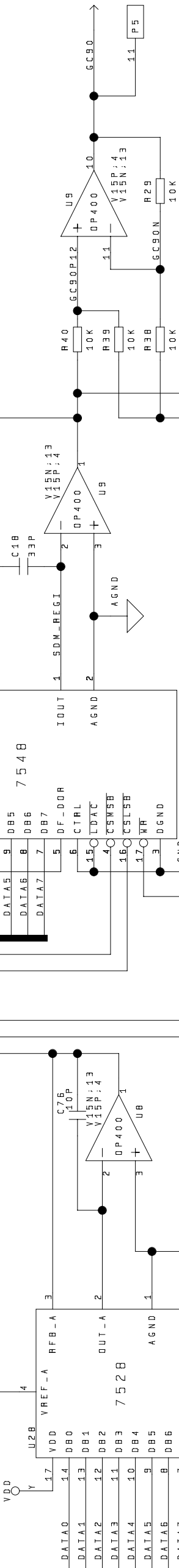


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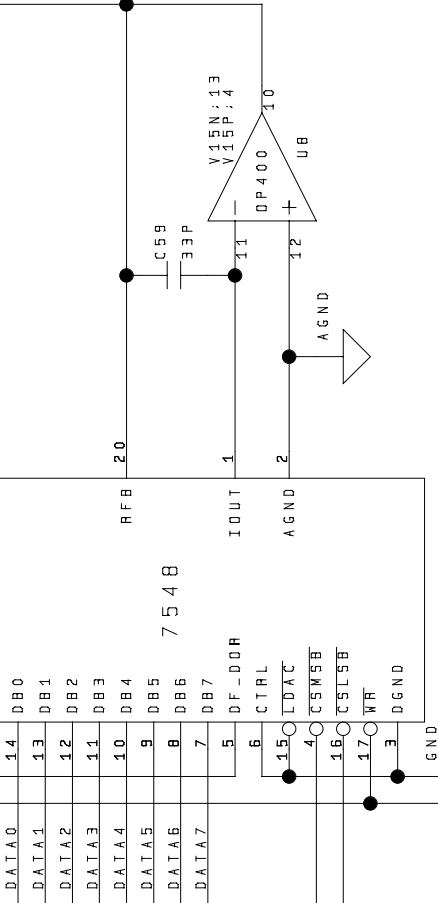
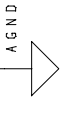
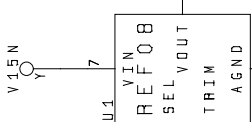
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IDENT



DAC-A

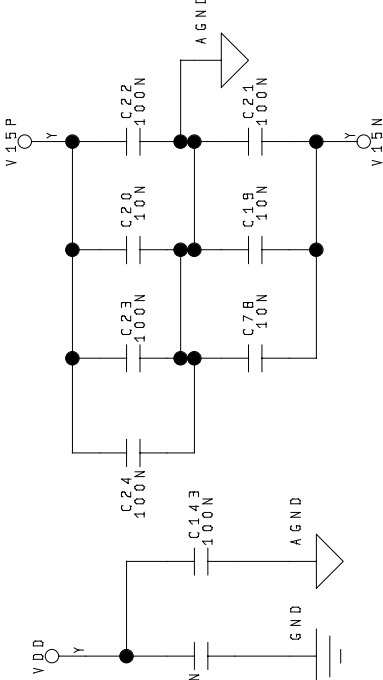
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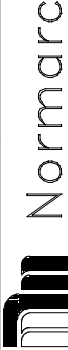
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SDWLSB-CS

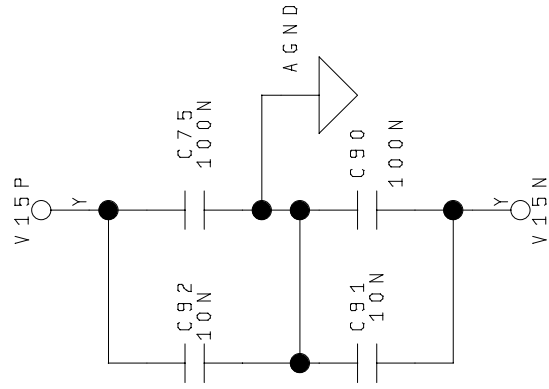
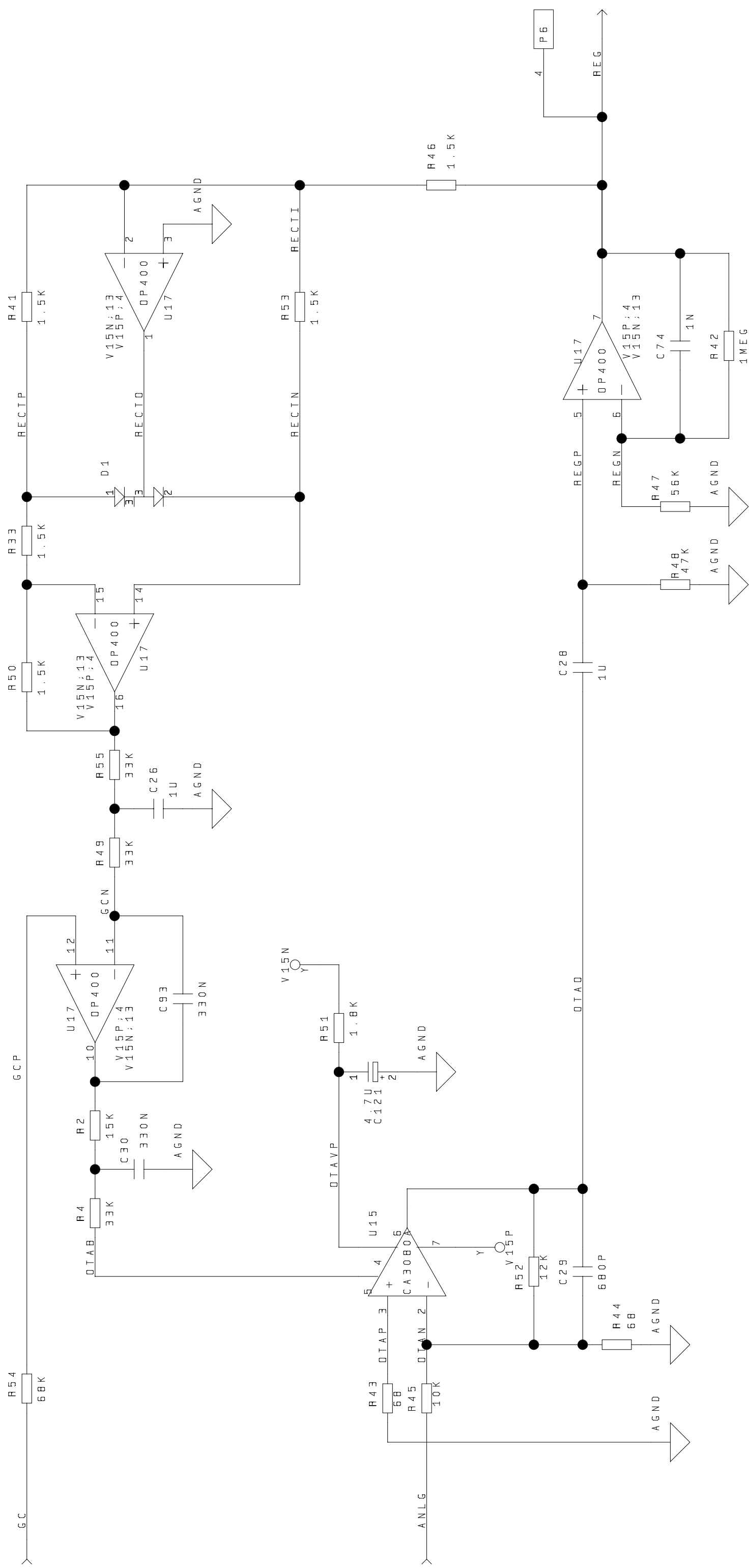
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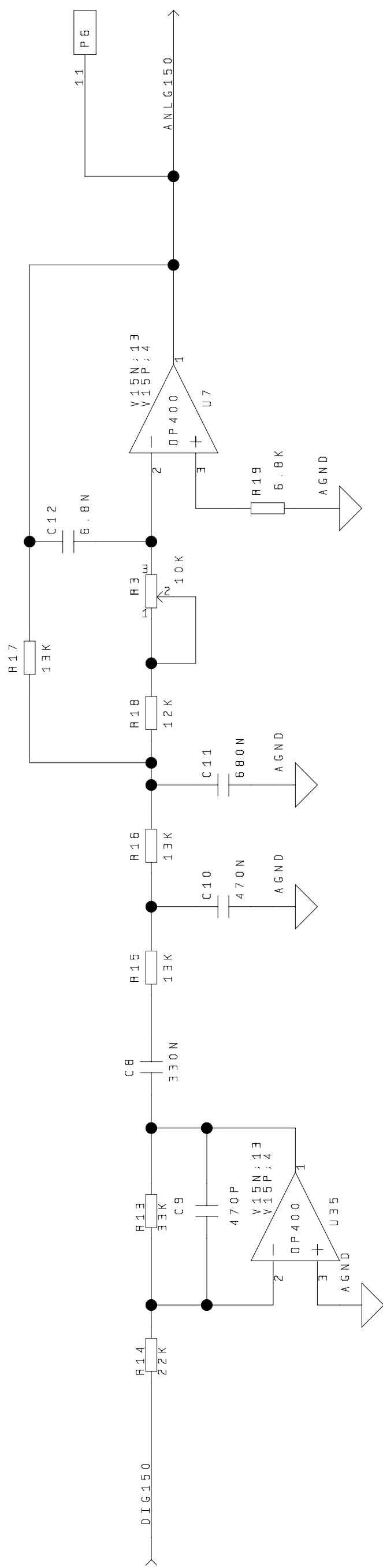
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			2403			4			03.07.95		
			2259			3			16.03.95		
			2205			2			08.02.95		
REF. NO.			ISSUE			DATE			SIGN		
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			APPR.			10.10.94			JSA		
			CHECKED			11-13-1996-12.23			SHEET		
			DRAWN			10.10.94			A3		
			DWG. NO.			15472			VERSION		
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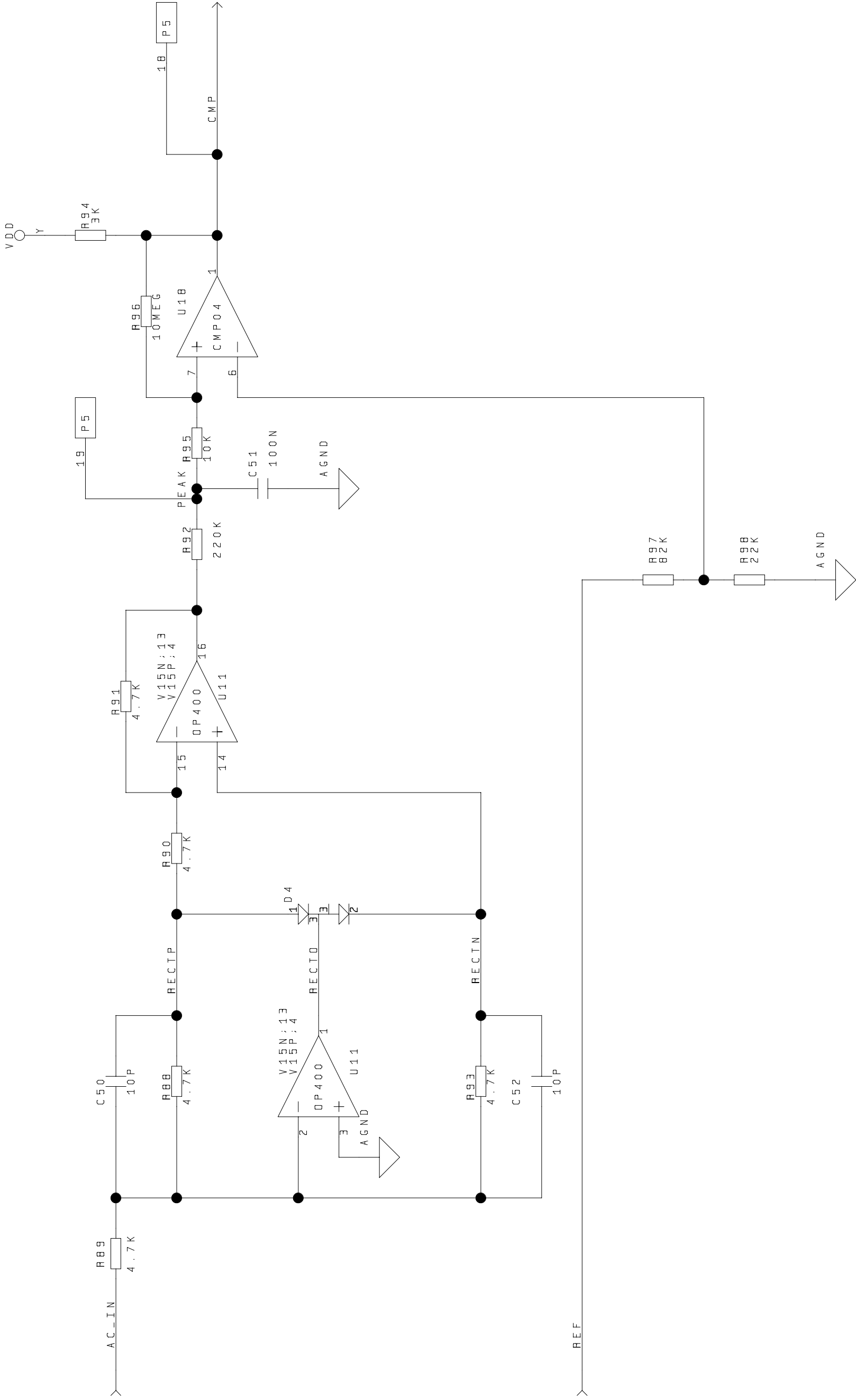
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2498	5	29.09.95	ER					
2403	4	03.07.95	ER		#SCH. :	#HDL :	SIZE :	SHEET : 10
2259	3	16.03.95	ER					
2205	2	08.02.95	ER					
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					DWG. NO. : 15472	PROJECT :		
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2837	7	13.11.96	ER	DESCRIPTION : CIRCUIT DIAGRAM	DRAWN	10.10.94	ER
2701	6	10.04.96	ER		CHECKED	11-13-1996-12-28	
2498	5	29.09.95	ER		APPR.	10.10.94	JSA
2403	4	03.07.95	ER		NAME : LPF_150 MODULE : LF1223A		
2259	3	16.03.95	ER		DWG. NO. : 15472 VERSION : 7		
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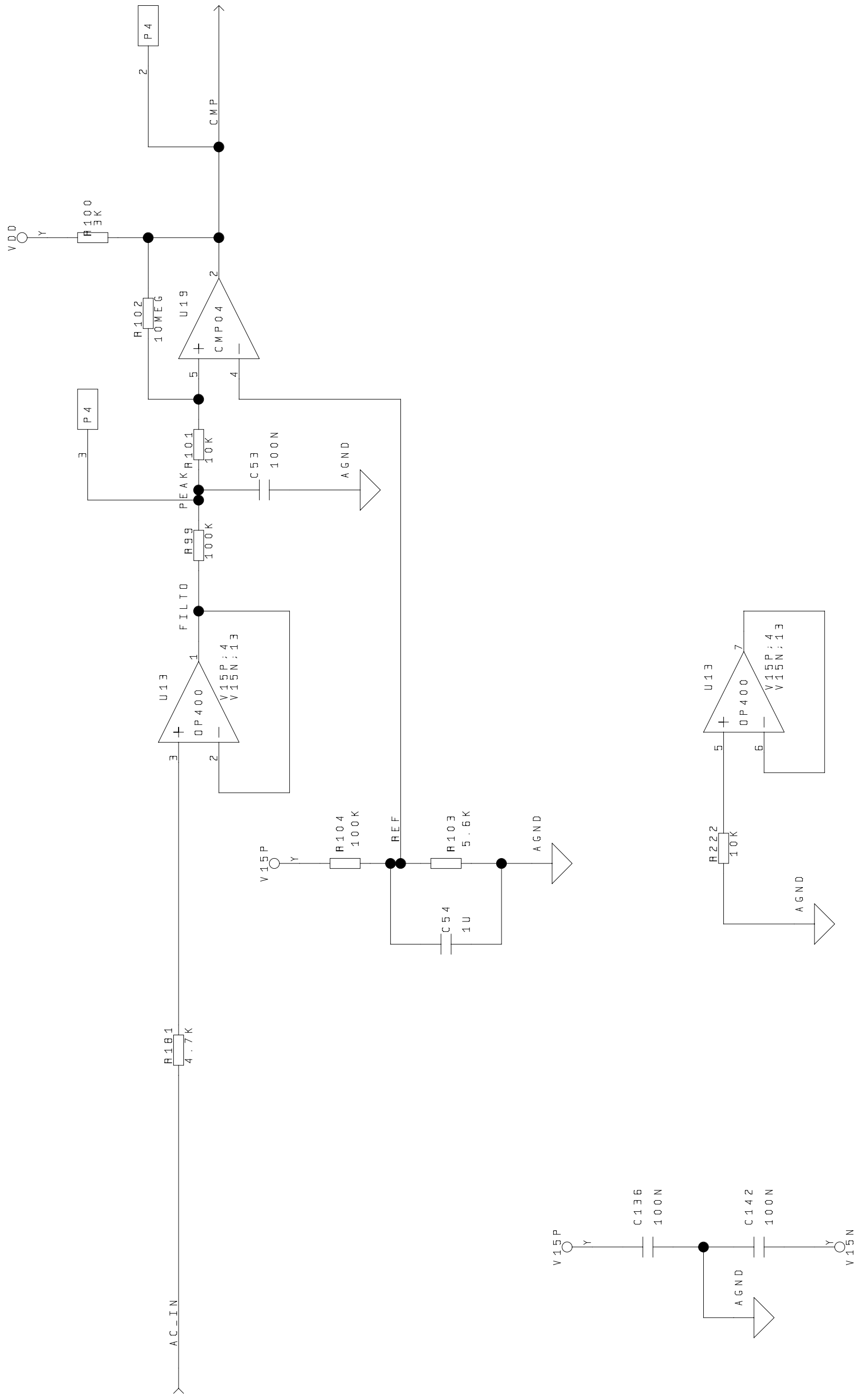


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2498	5	29.09.95	ER											APPR.	10.10.94		JSA				
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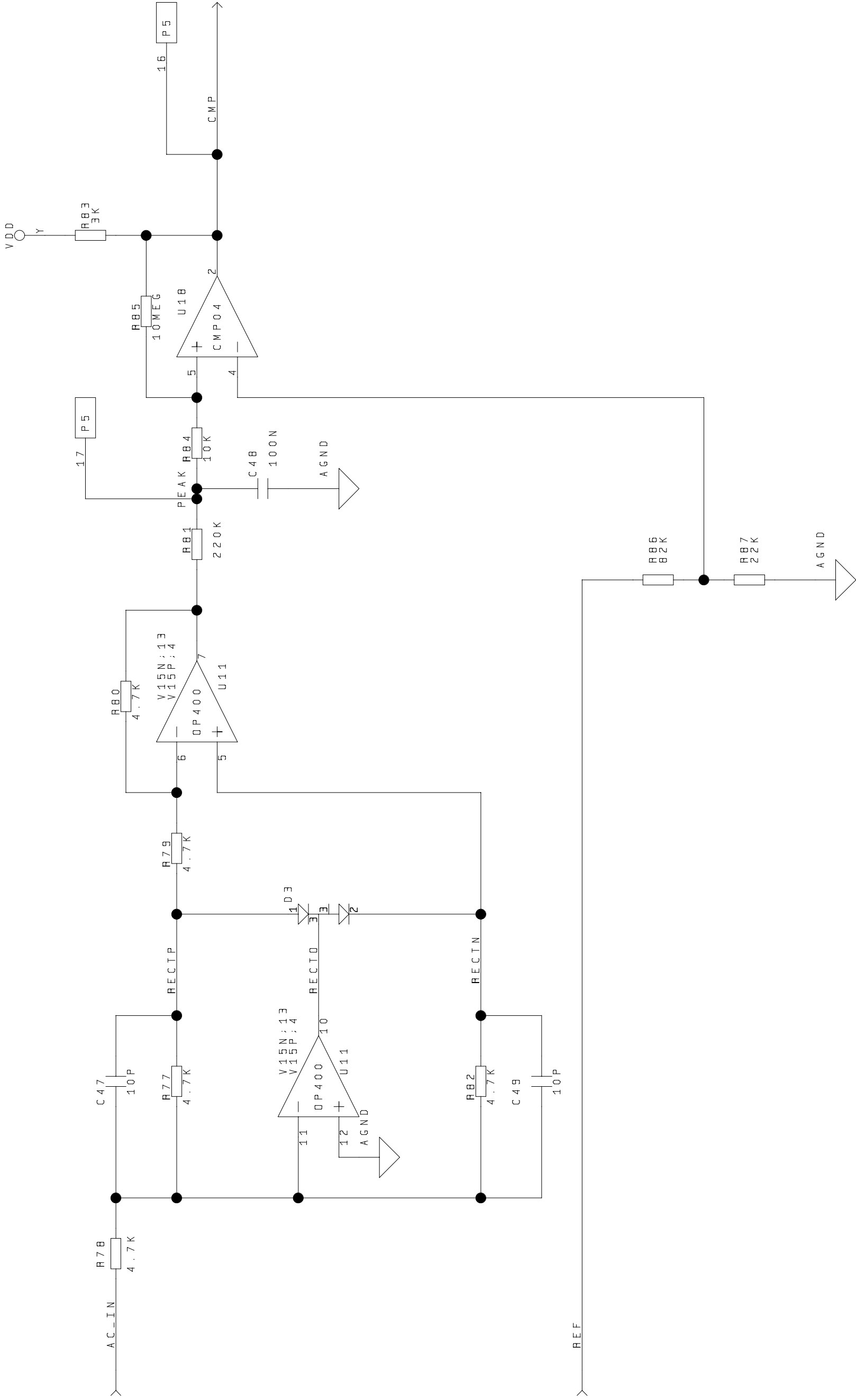


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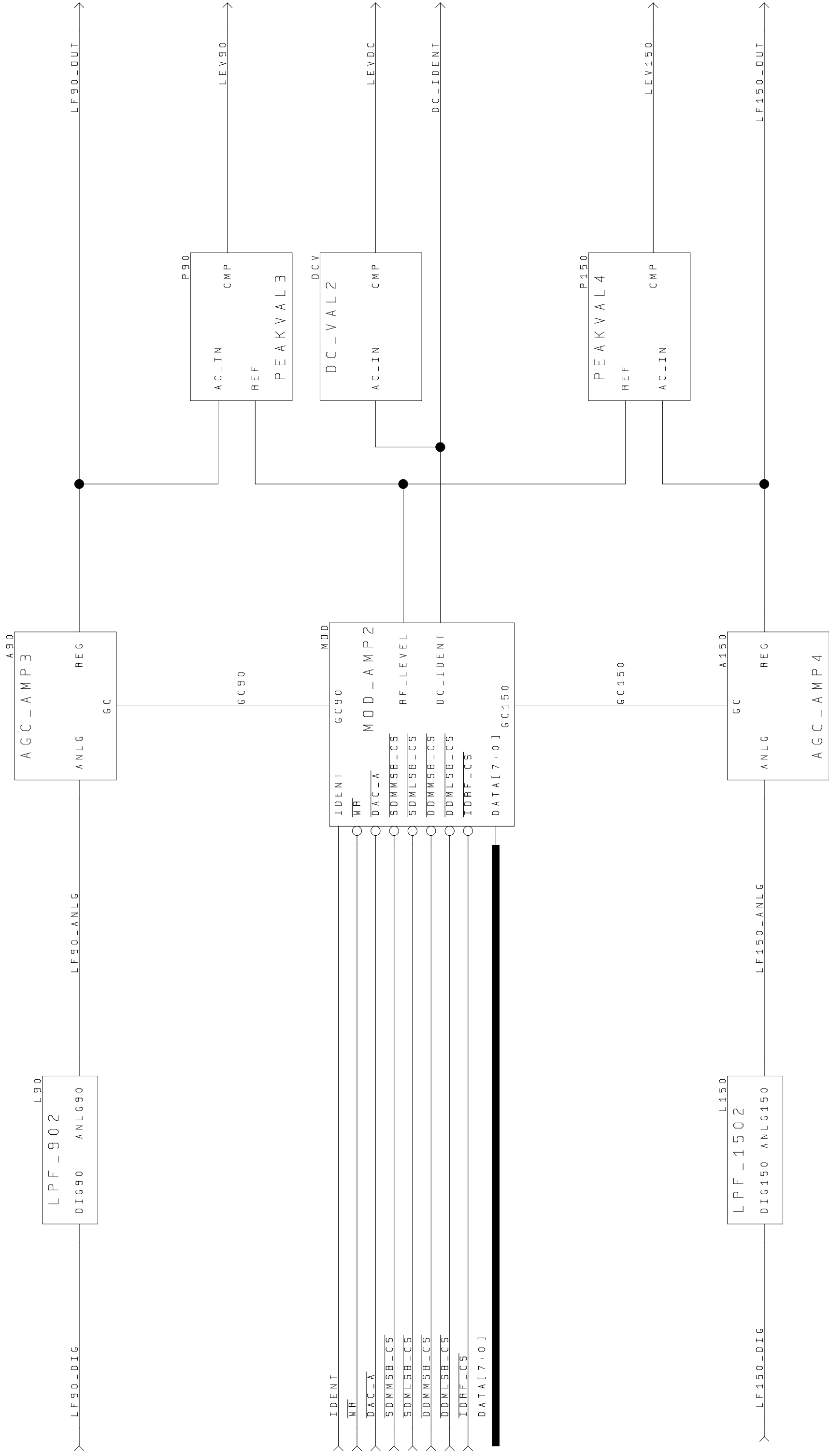
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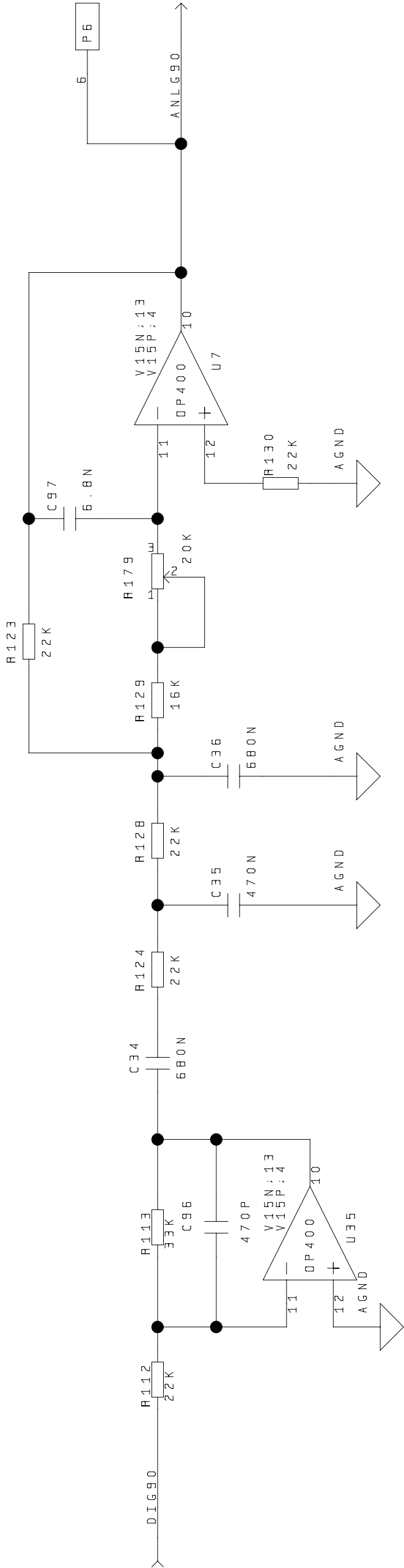
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2837	7	13.11.96	ER	DESCRIPTION: CIRCUIT DIAGRAM	DRAWN	10.10.94	ER		
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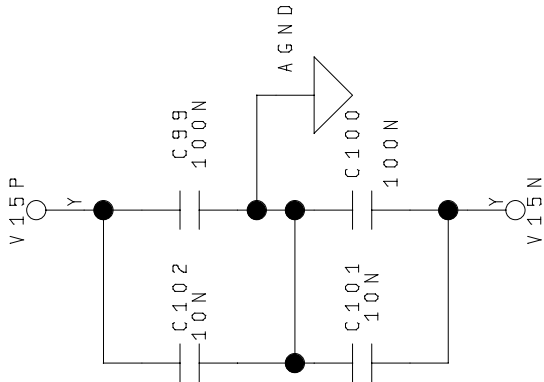
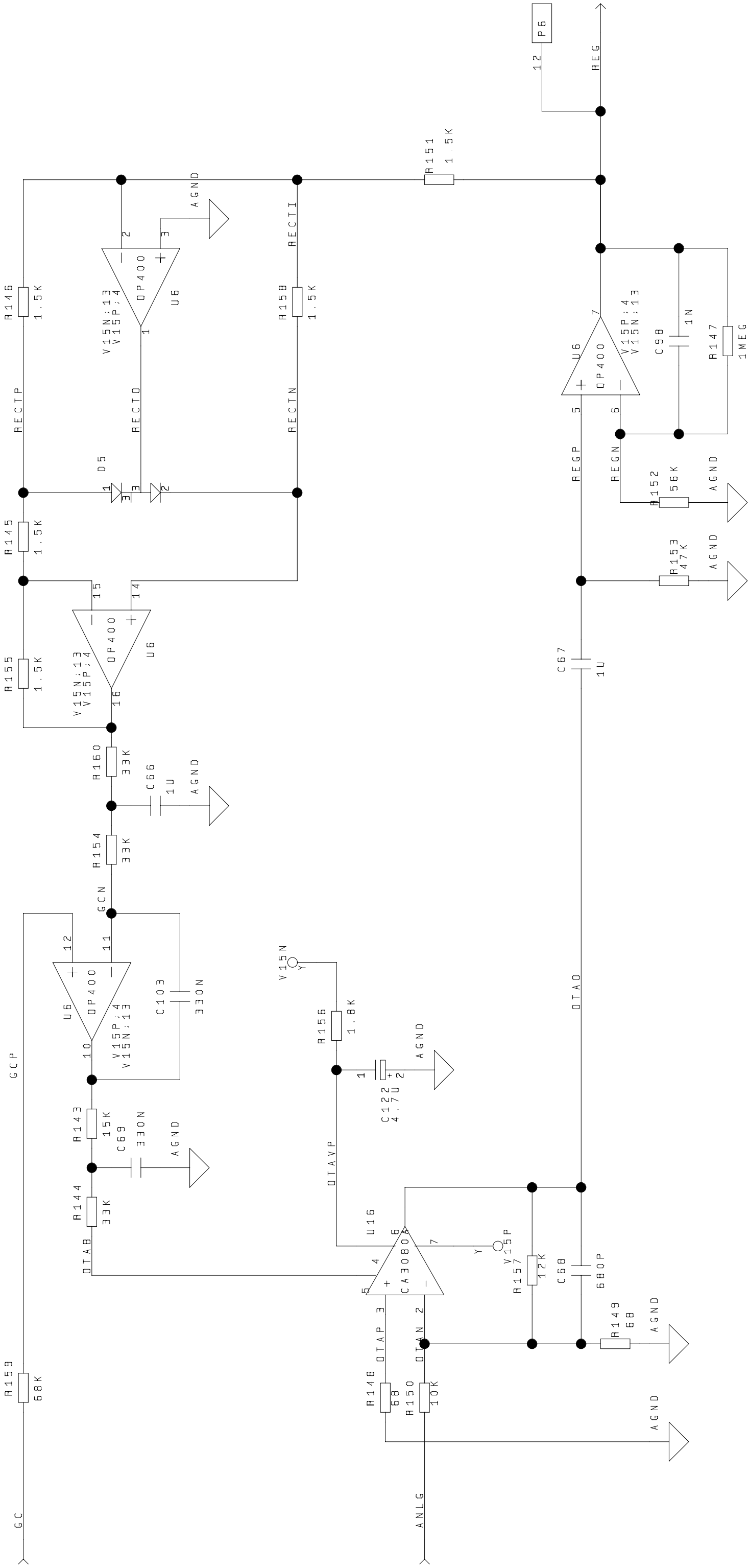


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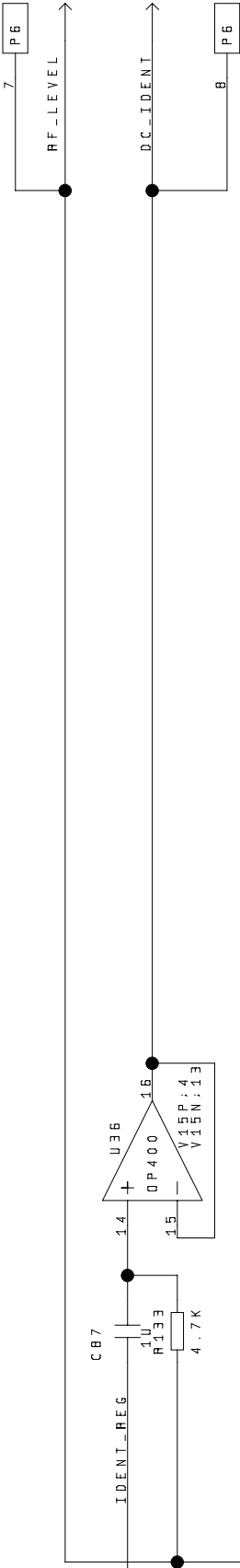
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				Normarc			
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DATA[7:0]

DDMM5B-CS

DDML5B-CS

IDENT

VDD

Y

U33

17

VREF-A

3

OUT-A

2

AGND

1

DA-ADA-B

19

OUT-B

20

AGND

5

REF08

U2

7

V15N

Y

AGND

5

SEL

4

TRIM

8

V15N

Y

AGND

5

REF08

U2

7

V15N

Y

AGND

5

SEL

4

TRIM

8

V15N

Y

AGND

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V15N

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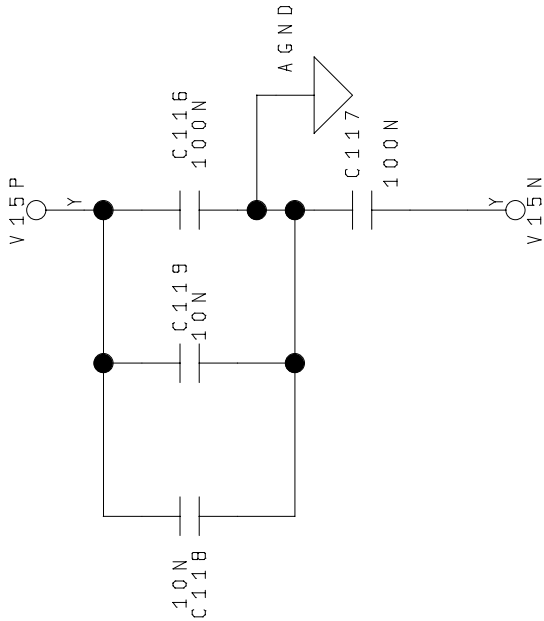
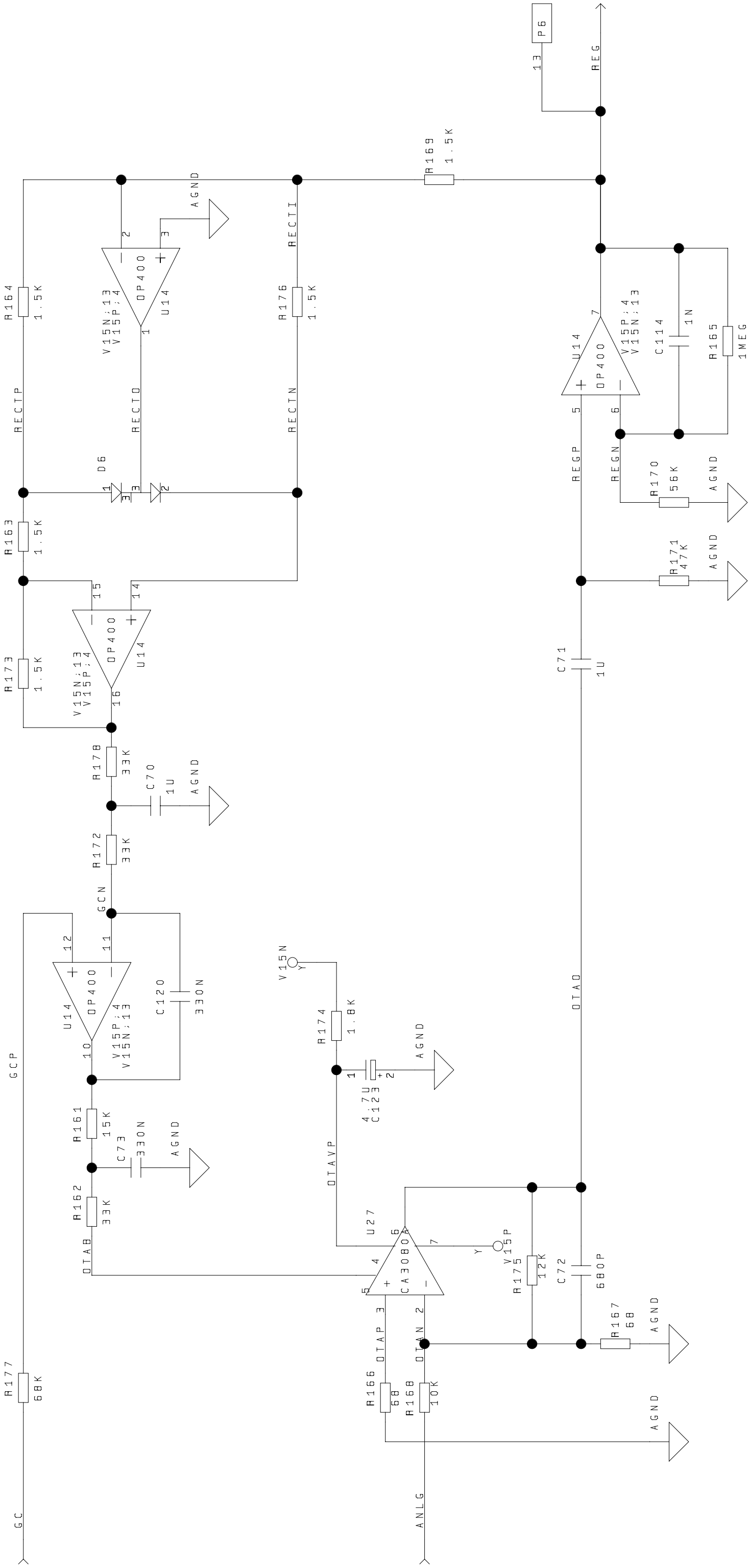
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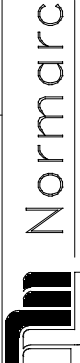
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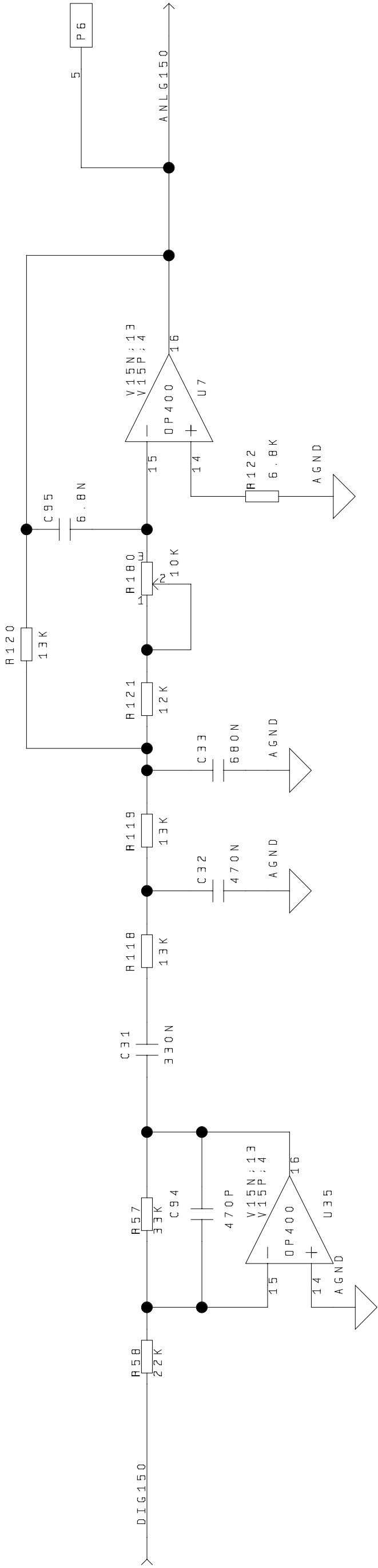
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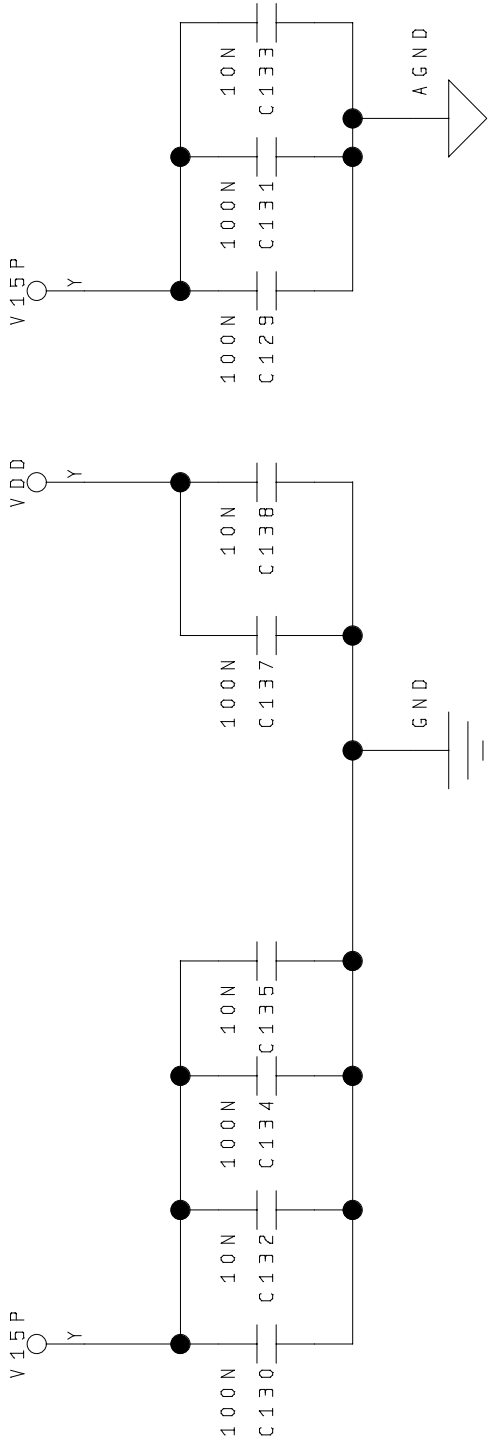
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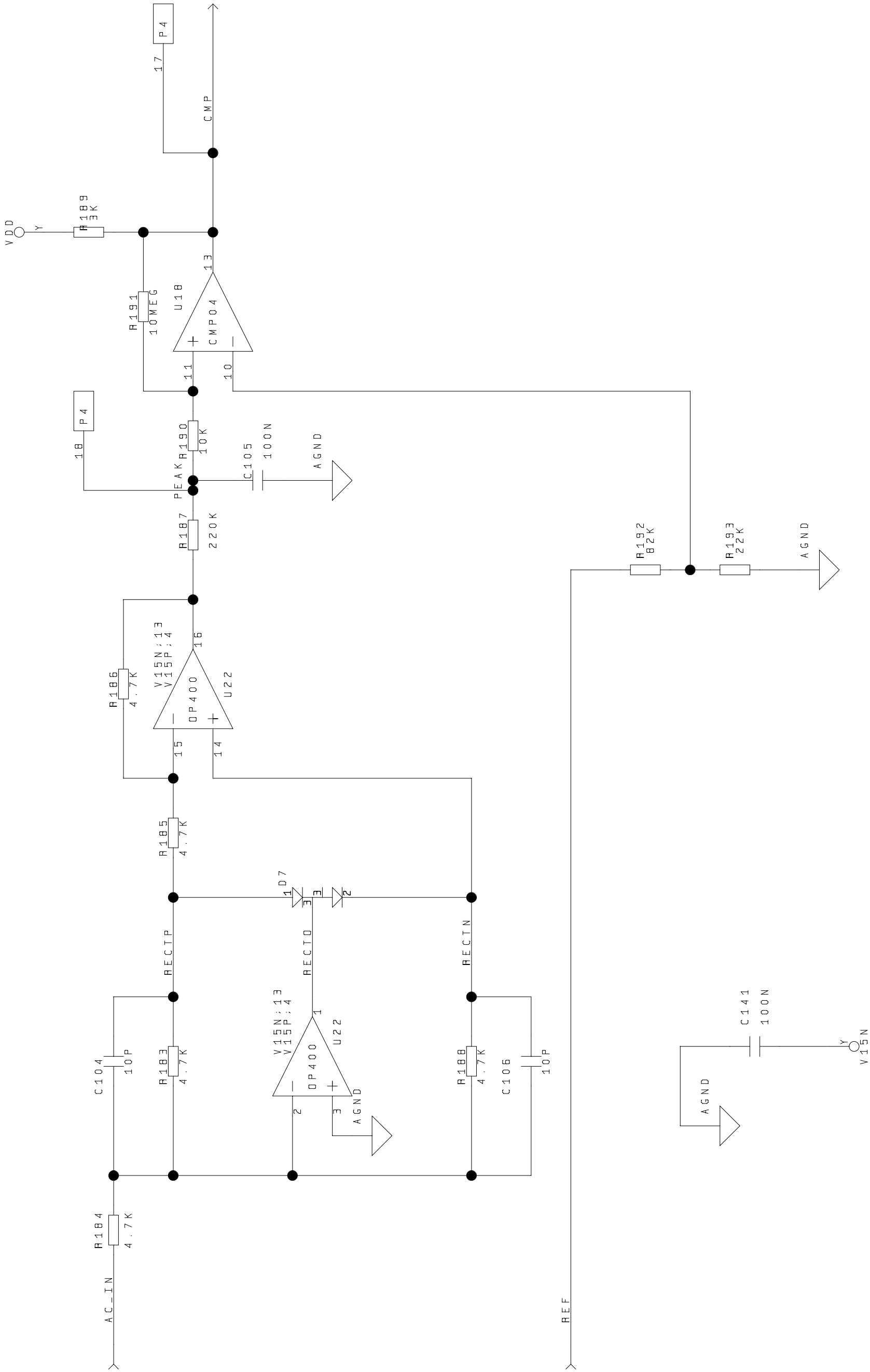
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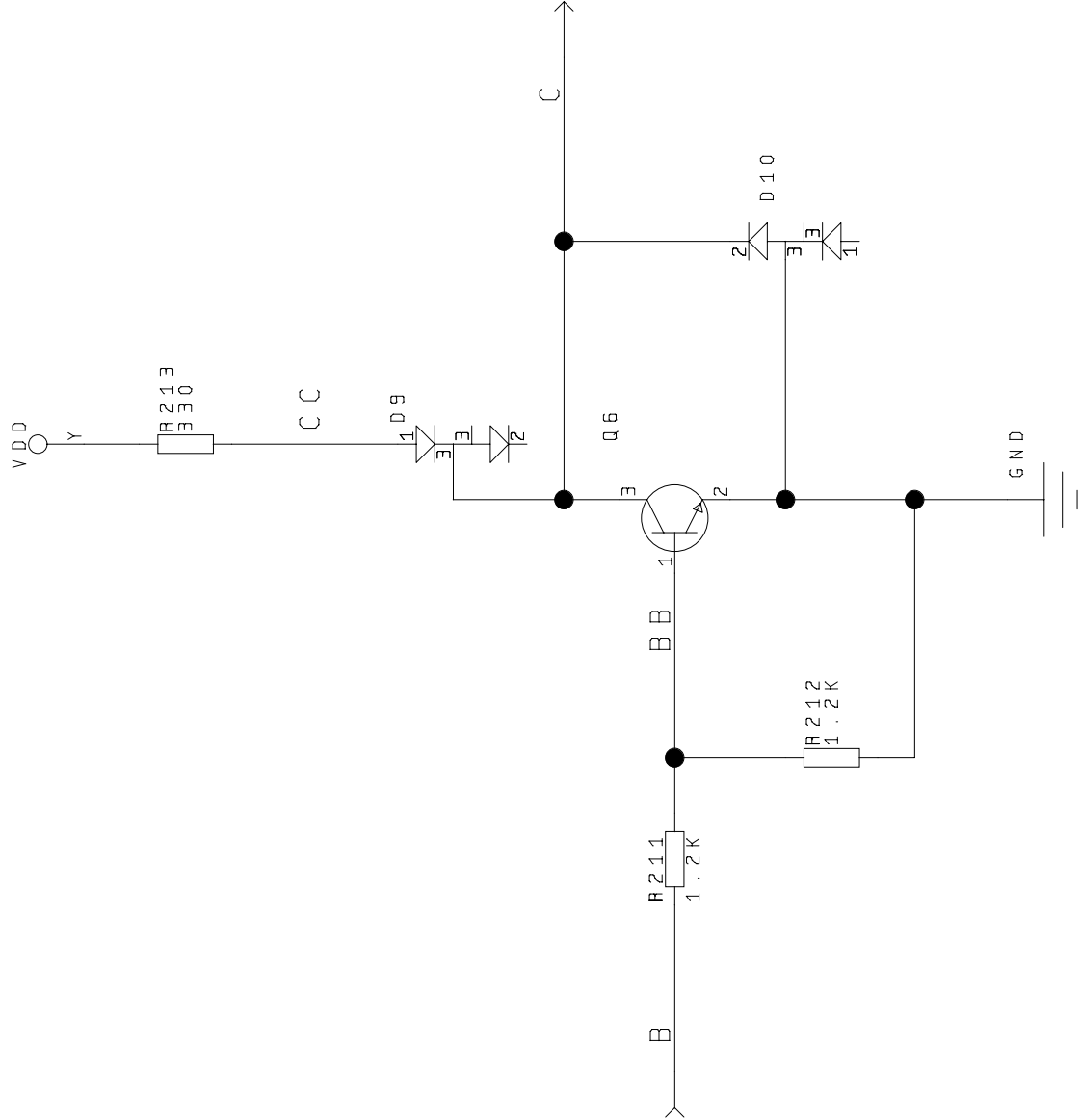
Normarc



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2205	2	08.02.95	ER																			
REF. NO.	ISSUE	DATE	SIGN	Copyright and all modification rights reserved NAVIA AVIATION AS, NORWAY										PROJECT :								

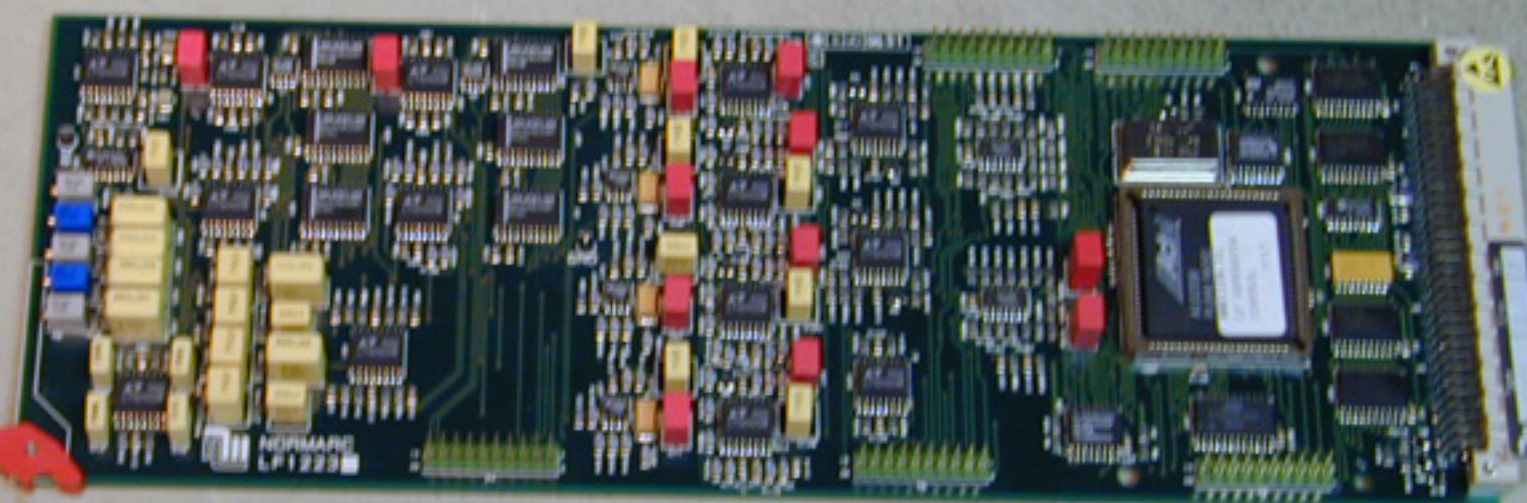


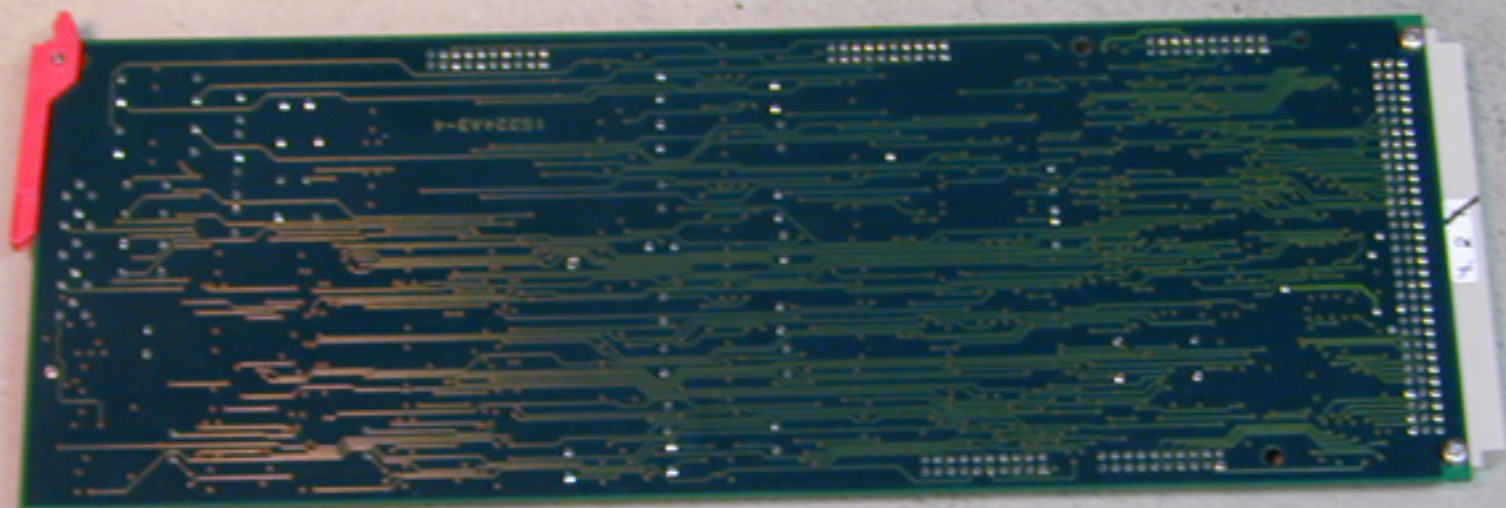
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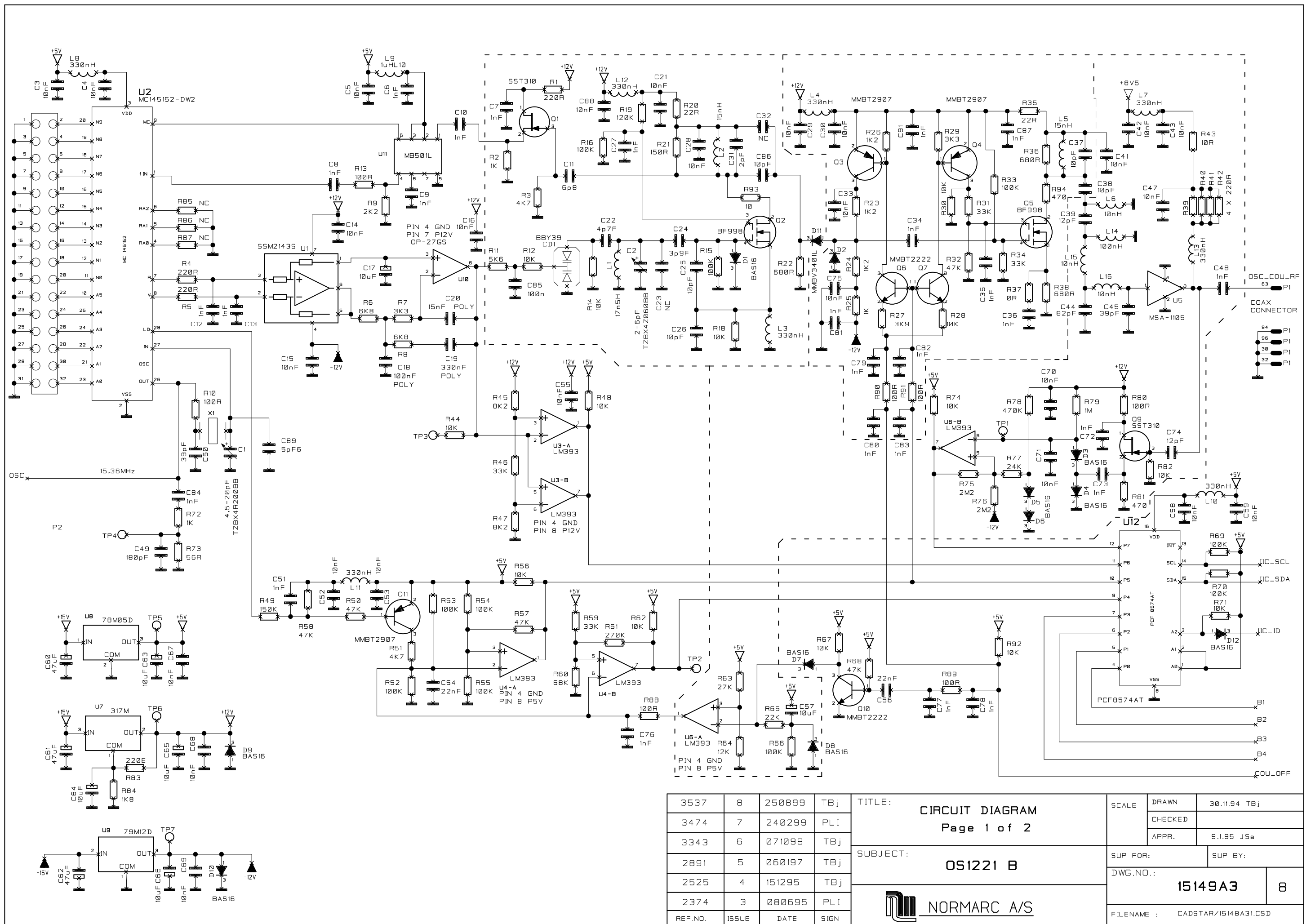
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2701	6	10.04.96	ER		CHECKED	11-13-1996-13-11			
2498					APPR.	10.10.94		JSA	
2403	5	29.09.95	ER		NAME : OPENCOLL	#SCH. : 24	#HDL :	SIZE : A3	SHEET : 24
	4	03.07.95	ER						
2259	3	16.03.95	ER	 Normarc	DWG. NO. : 15472		VERSION : 7		
2205	2	08.02.95	ER						
REF. NO.	ISSUE	DATE	SIGN	PROJECT :					
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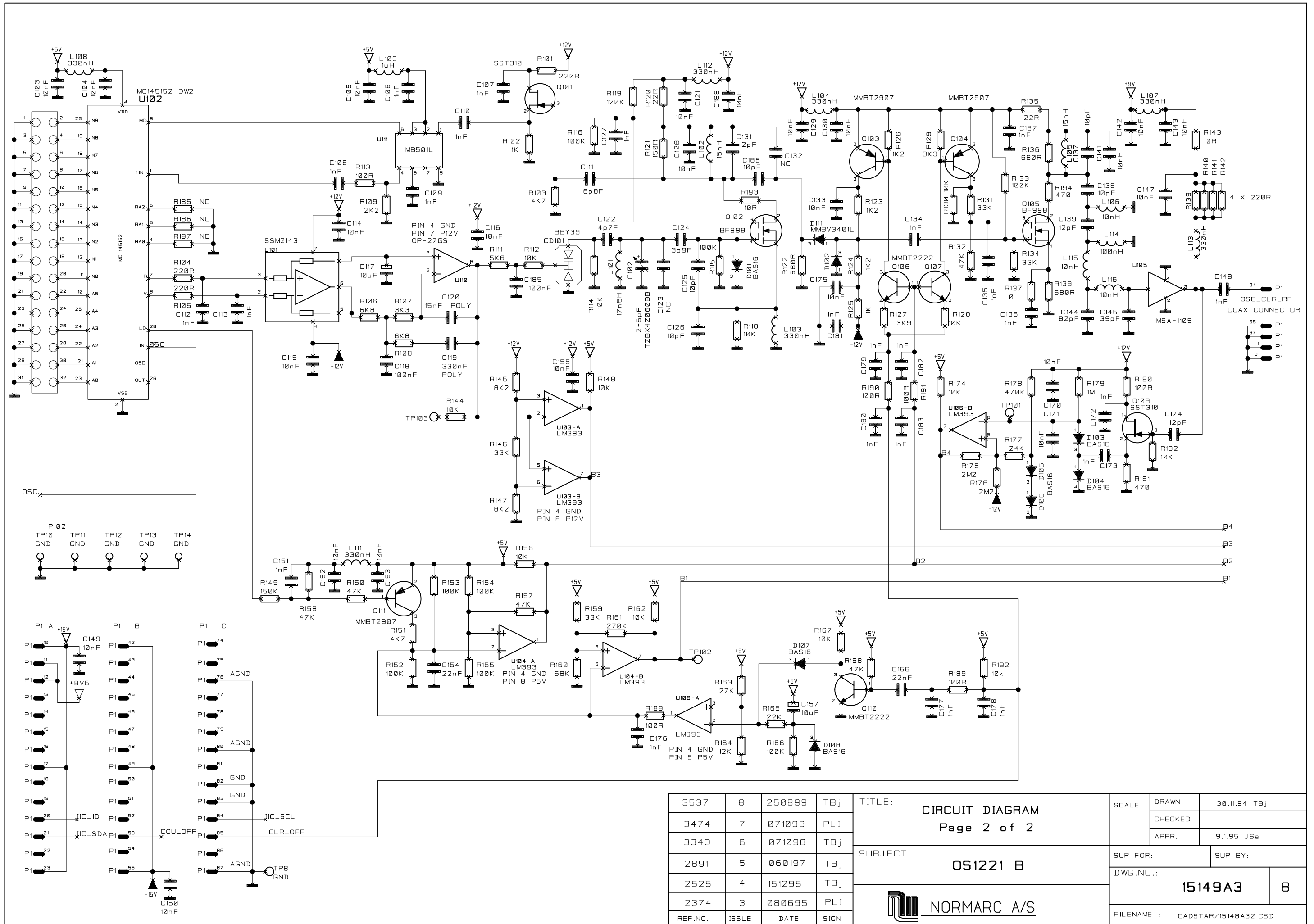
1.2 *Photos*





2 OS1221B RF Oscillator**2.1 *Circuit Diagrams***



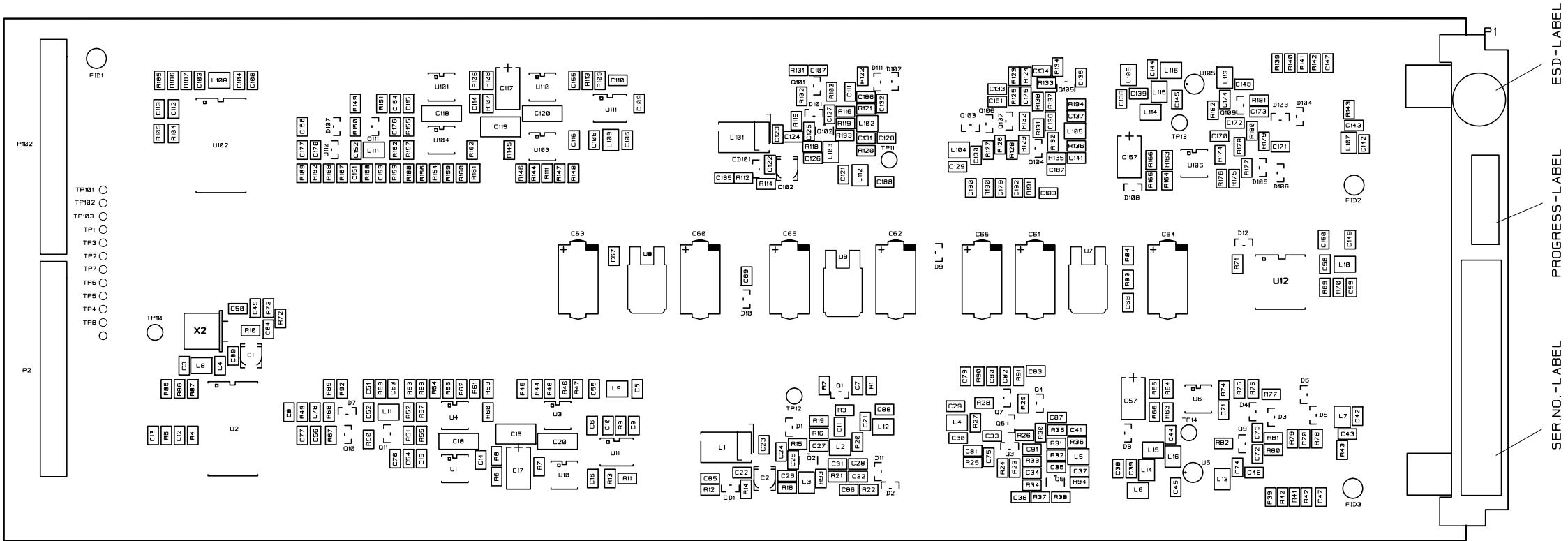


3537	8	250899	TBJ
3474	7	071098	PLI
3343	6	071098	TBJ
2891	5	060197	TBJ
2525	4	151295	TBJ
2374	3	080695	PLI
REF.NO.	ISSUE	DATE	SIGN

TITLE: CIRCUIT DIAGRAM Page 2 of 2		SCALE		DRAWN	30.11.94 TBJ
		CHECKED		APPR.	9.1.95 JSa
SUBJECT: OS1221 B		SUP FOR:		SUP BY:	
		DWG.NO.:		15149A3	
NORMARC A/S		FILENAME :		CADSTAR/15148A32.CSD	

8		8	
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2.2 *Component Location*

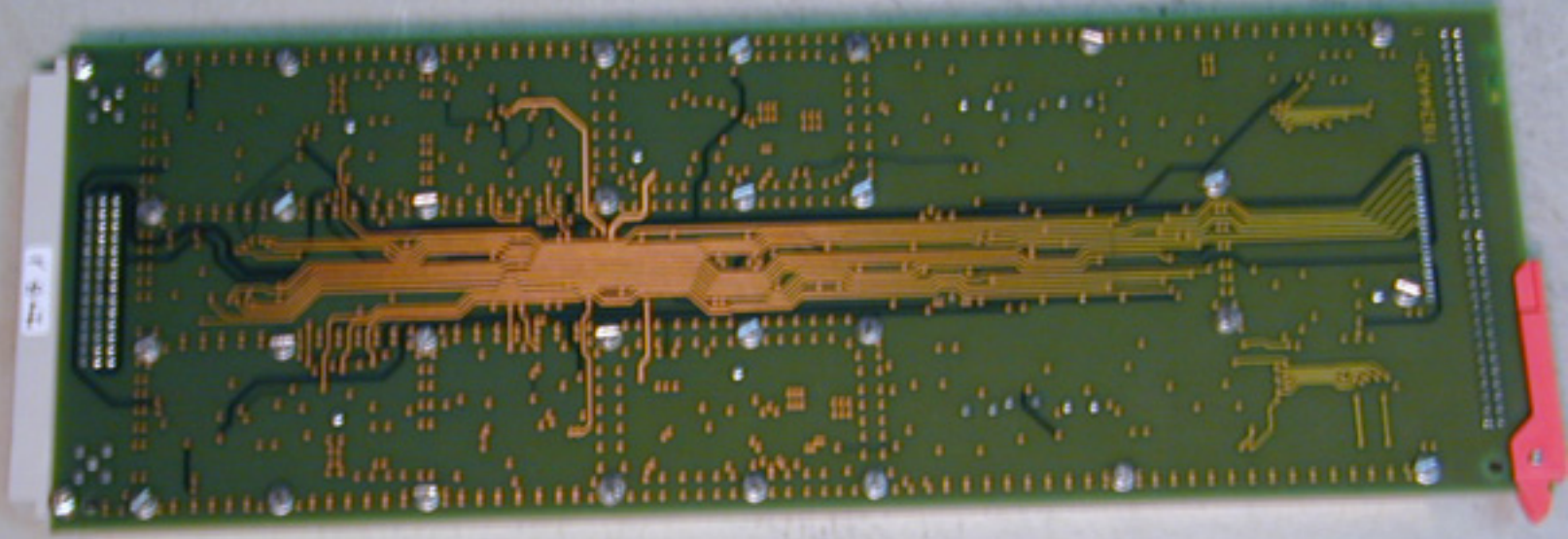


ESD-LABEL
PROGRESS-LABEL
SER.NO.-LABEL

				TITLE: COMPONENT LOCATION SHEET NO. 1 OF 1	SCALE 1:1	DRAWN	21.12.95. TBJ		
						CHECKED			
3537	5	240299	TBJ	SUBJECT: OS 1221A/B	SUP FOR:	APPR.	21.12.95. JSA		
3440	4	240299	PLI				SUP BY:		
3272	3	280598	TBJ				DWG.NO.: 16453A3	ISSUE 5	
2971	2	130597	PLI					FILENAME : 16453A3.SPL	
REF.NO.	ISSUE	DATE	SIGN	Copyright and all modification right reserved NAVIA AVIATION AS, NORWAY					

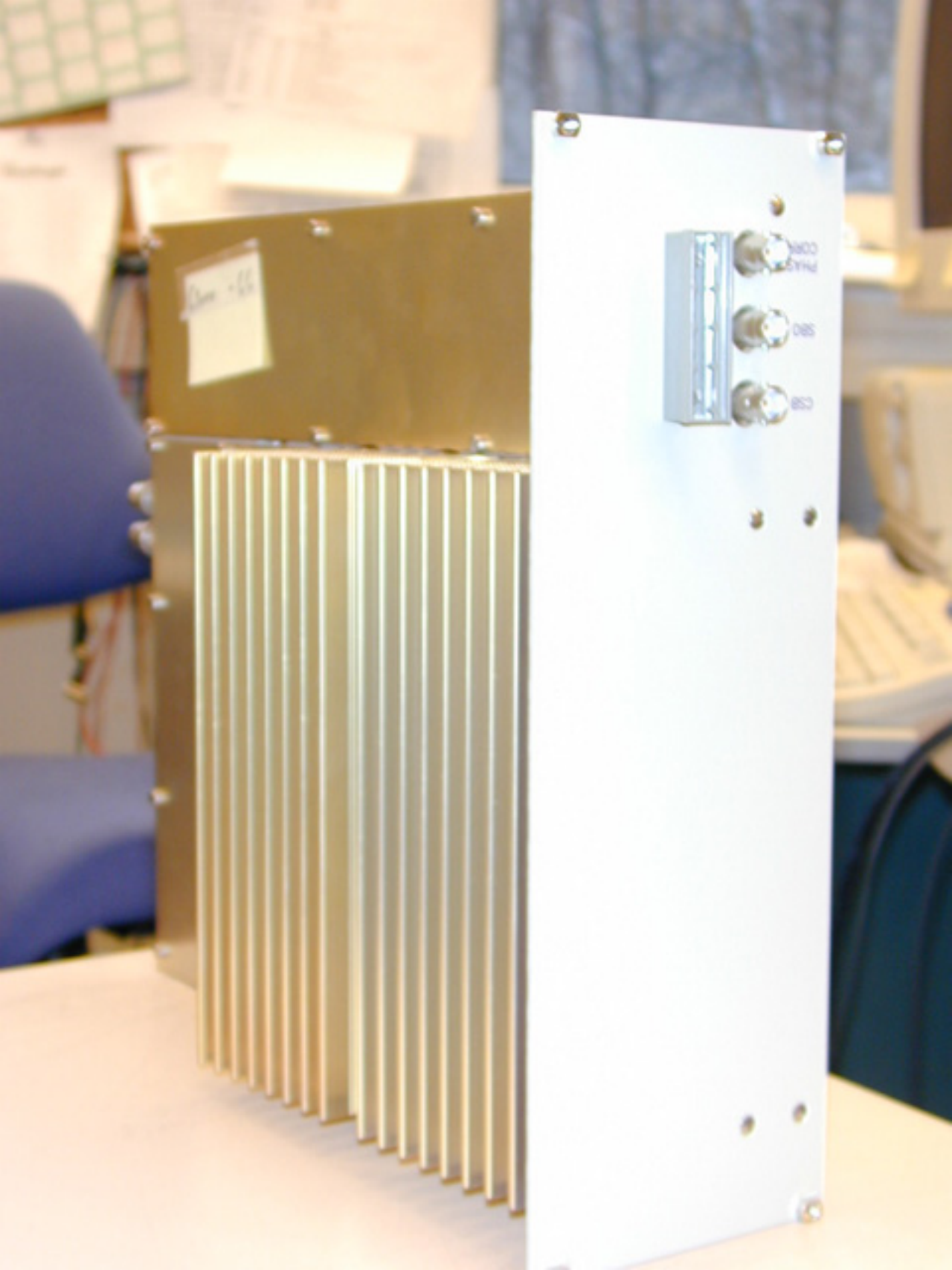
2.3 *Photos (OS1221A)*





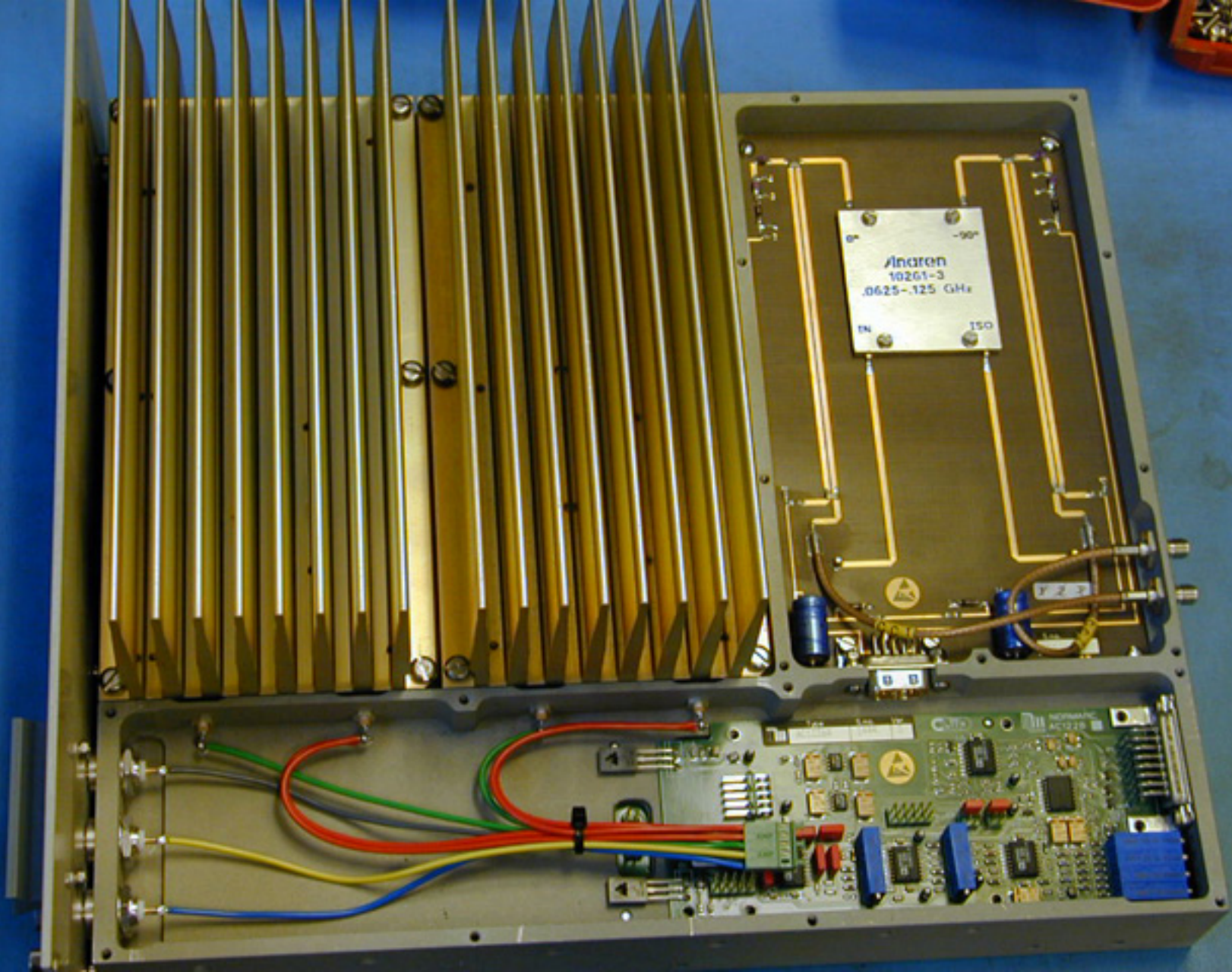
3 GPA1231A POWER AMPLIFIER

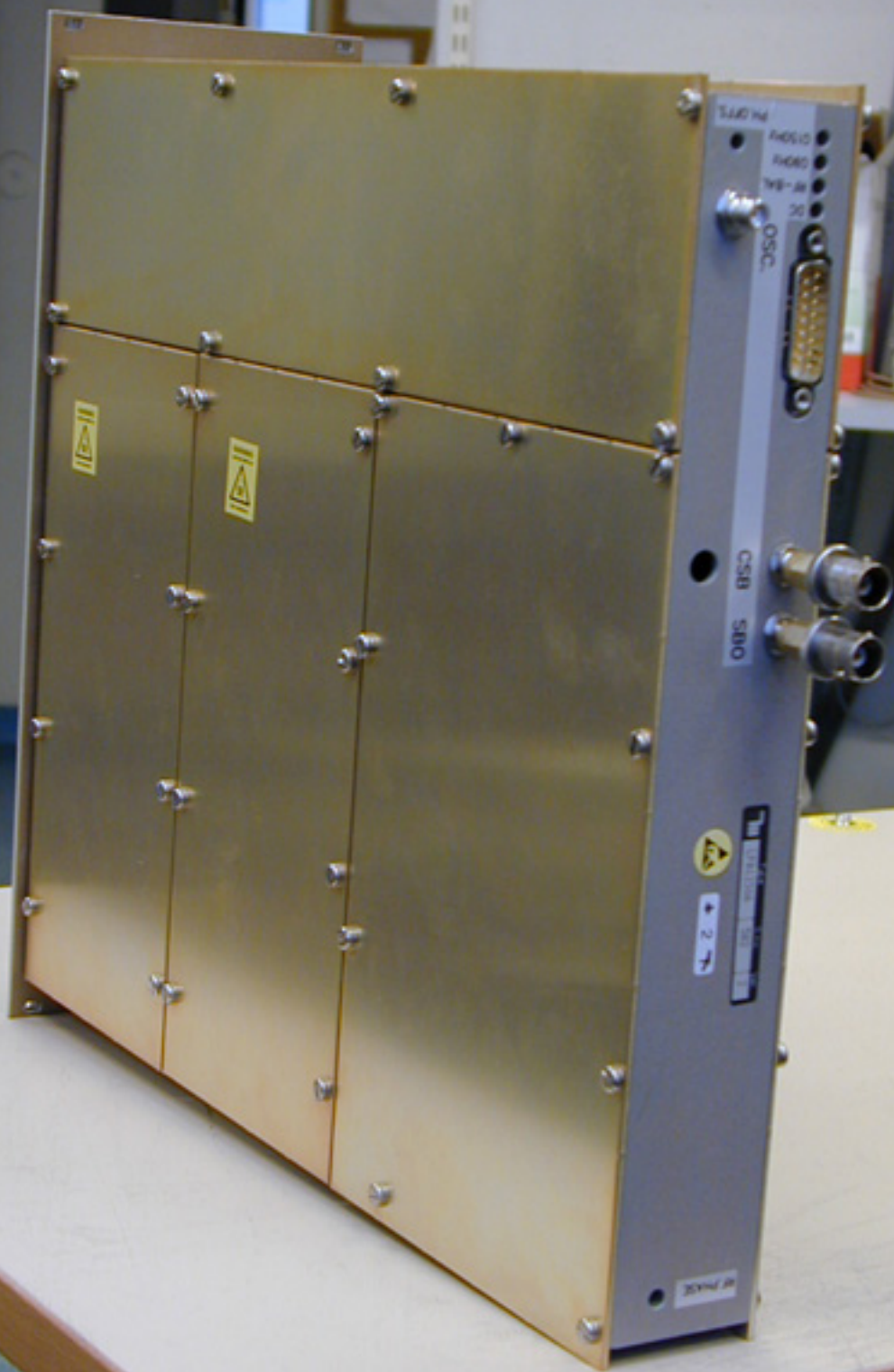
3.1 *Photos (LPA1230A/GPA1231A)*

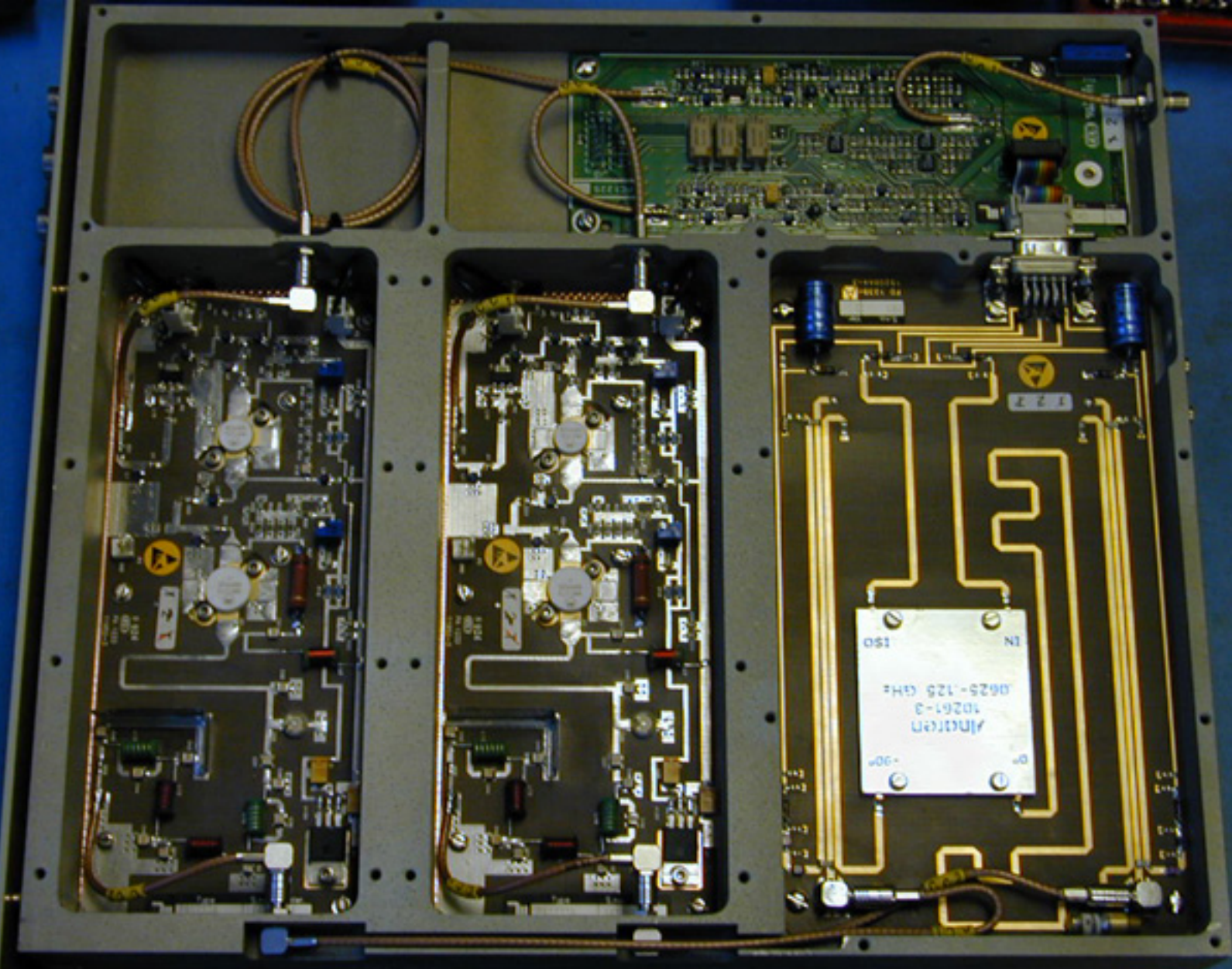


61000 - 66



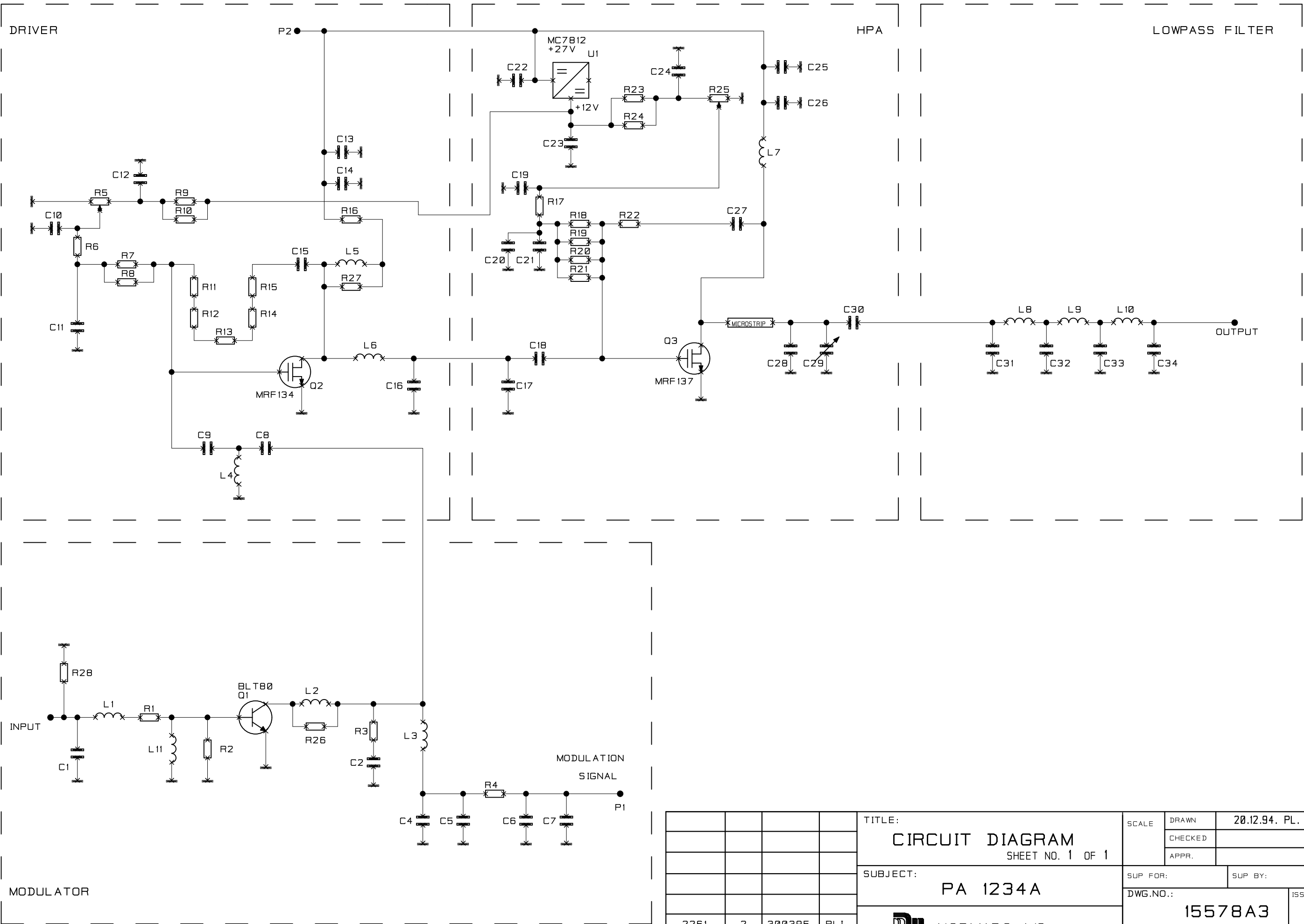






4 PA1234A Power Amplifier

4.1 *Schematic Diagrams*



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				SHEET NO. 1 OF 1		APPR.	
				SUBJECT:	SUP FOR:	SUP BY:	
				PA 1234A	DWG.NO.:	15578A3	ISSUE
							2
2261	2	300395	PL1	NORMARC A/S			
REF.NO.	ISSUE	DATE	SIGN	FILENAME : CADSTAR\15578A3			

4.2 *Parts List*

Product: 18636 Rev 2

PA 1234A POWER AMPLIFIER

Issue: 4

Change Order: 3479

Appr.:

Date:

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Rev.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
1 PCS	18637	18637	PA 1234A POWER AMPLIFIER PL	18637/9	4			1 PCS
1 PCS	18638	18638	PA 1234A POWER AMPLIFIER MPL	-	4			1 PCS
1 PCS	18639	18639	PA 1234A POWER AMPLIFIER CPL	-	1			1 PCS
1 PCS	C08	19832	CAP.SMD	-		27P	5%	1 PCS
			XXXX 0805C270J50	-		50V		
1 PCS	C09	19836	CAP.SMD	-		56P	5%	1 PCS
			XXXX 0805C560J50	-		50V		
1 PCS	C18	10208	CAP.CERAMIC	-		150p	0.05	1 PCS
			ATC 700A151JP150X	-		150V		
1 PCS	Q02	11296	TRANSISTOR	-				1 PCS
			MOT MRF 134	-			5W	
1 PCS	Q03	11297	TRANSISTOR	-				1 PCS
			MOT MRF 137	-			30W	
1 PCS	U01	11510	IC	-				1 PCS
			MOT MCT7812CT / MC7812	-				

Product: 18637 Rev.4

PA 1234A POWER AMPLIFIER PL

Issue: 10

Change Order: 3489

Appr.: HSA

Date: 090399

Tot.Quant.	Pos.	Part no.	Component	Manu. Description	Drwg.no.	Value/Dim.	Tol.	Quant./Pos.
					Rev.	Ratings	Function	
1 PCS	11953	11953	PCB PA1234		11953/2			1 PCS
1 PCS	13231	13231	-	LABEL SER.NO.	2		PA1234A	1 PCS
1 PCS	13298	13298	-	LABEL ESD	1			1 PCS
1 PCS	20325	20325		TYPE 52404				1 PCS
1 PCS	21072	21072		LABEL PROGRESS 2	16037A4 P3	1-2-T		1 PCS
2 PCS	C15	10094		PA 1234A GP POWER AMPL. ESPL	2			1 PCS
1 PCS	C16	10209			7			1 PCS
1 PCS	C17	10210		CAP.CERAMIC		100p	0.05	1 PCS
2 PCS	C22	10571		ATC 100B101JP500X		500V		1 PCS
	C23	10571		CAP.CERAMIC		30p	0.02	1 PCS
	C27	10094		ATC 100A300GP150DR		150V		1 PCS
	C28	10092		CAP.CERAMIC		33p	0.05	1 PCS
	C29	10593		ATC 100A330JP150X		150V		1 PCS
	C30	10090		CAP.TANTALUM		1.5u	20%	1 PCS
	C31	10080		KYOC TAJD155M050R		50V		1 PCS
				CAP.TANTALUM		1.5u	20%	1 PCS
				KYOC TAJD155M050R		50V		1 PCS
				CAP.CERAMIC		100p	0.05	1 PCS
				ATC 100B101JP500X		500V		1 PCS
				CAP.CERAMIC		12p	0.05	1 PCS
				ATC 100B120JP500DR		500V		1 PCS
				CAP.TRIMMER		3-20p		1 PCS
				TLEC 9612SL				1 PCS
				CAP.CERAMIC		22p	0.05	1 PCS
				ATC 100B220JP500DR		500V		1 PCS
				CAP.CERAMIC		9.1p	0.05	1 PCS
				ATC 100B9R1JP500DR		500V		1 PCS

Product: 18637

PA 1234A POWER AMPLIFIER PL

Issue: 10

Change Order: 3489

Appr.: HSA

Date: 090399

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
2 PCS	C32	10101	CAP.CERAMIC	-	15p	0.05	1 PCS
			ATC 100B150JP500DR		500V		
	C33	10101	CAP.CERAMIC	-	15p	0.05	1 PCS
			ATC 100B150JP500DR		500V		
	C34	10080	CAP.CERAMIC	-	9.1p	0.05	1 PCS
			ATC 100B9R1JP500DR		500V		
1 PCS	L01	13538	INDUCTOR	-	18n	20%	1 PCS
			COIL 1008CS-180XMBC				
2 PCS	L02	13523	INDUCTOR	-	10n	20%	1 PCS
			COIL 1008CS-100XMBC				
1 PCS	L03	13482	INDUCTOR	-	1u		1 PCS
			COIL 1008CS 102XKBC				
	L04	13523	INDUCTOR	-	10n	20%	1 PCS
			COIL 1008CS-100XMBC				
1 PCS	L05	13528	INDUCTOR	-	270n	10%	1 PCS
			COIL 1008CS-271XKBC				
1 PCS	L06	13524	INDUCTOR	-	4.7n	20%	1 PCS
			COIL 1008CT-040XMBC				
1 PCS	L07	13532	INDUCTOR	-	345n	5%	1 PCS
			COIL 132-15 345nH +-5%				
2 PCS	L08	13536	INDUCTOR	-	44n	5%	1 PCS
			COIL 132-03 44nH +-5%				
1 PCS	L09	13535	INDUCTOR	-	53.5n	5%	1 PCS
			COIL 132-04 53.5nH +-5%				
	L10	13536	INDUCTOR	-	44n	5%	1 PCS
			COIL 132-03 44nH +-5%				
1 PCS	L11	13531	INDUCTOR	-	27n	20%	1 PCS
			COIL 1008CS-270XMBC				
3 PCS	P01	12303	CONN.	-			1 PCS
			MOLX 22-27-2021				
	P02	12303	CONN.	-			1 PCS
			MOLX 22-27-2021				

Product: 18637 PA 1234A POWER AMPLIFIER PL Issue: 10 Change Order: 3489 Appr.: HSA Date: 090399

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Rev.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
	P03	12303	CONN.	-				1 PCS
			MOLX 22-27-2021					
1 PCS	Q01	11302	TRANSISTOR	-		SOT-223		1 PCS
			PH BLT80,115 (TAPE)					
2 PCS	R05	11134	POTENTIOMETER	-		10k	10%	1 PCS
			BOUR 3266W-1-103			0.25W		
1 PCS	R22	10622	RES.METALFILM	-		150	5%	1 PCS
			PH 2322 195 13151			750V		
	R25	11134	POTENTIOMETER	-		10k	10%	1 PCS
			BOUR 3266W-1-103			0.25W		

Navia 25.11.97 15:47

NAVIA AVIATION

PARTS LIST

Page 1/1

Product: 18639

PA 1234A POWER AMPLIFIER KAB

Issue: 1

Change Order:

Appr.: *A.S.* Date: 26.11.92

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Value/Dim. Rev. Ratings	Tol. Function	Quant./Pos.
------------	------	----------	--------------------------------	----------	----------------------------	------------------	-------------

.18 M

19676

COAX CABLE

-

180 MM

2 PCS

12128

CONN.COAX

-

2 PCS

SUHN 16 SMB-50-2-10/133

SMB-MALE

Product: 21072

PA 1234A GP POWER AMPL. ESPL

Issue: 7

Change Order: 3386

Appr.: *A.S.*

Date: 10.11.98

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
1 PCS	C01	19824	CAP.SMD XXXX 0805C5P6J50	-	5.6P	5%	1 PCS
9 PCS	C02	19852	CAP.SMD XXXX 0805C102J50	-	50V 1N	5%	1 PCS
	C04	19852	CAP.SMD XXXX 0805C102J50	-	50V 1N	5%	1 PCS
7 PCS	C05	19840	CAP.SMD XXXX 0805C102J50	-	50V 100P	5%	1 PCS
	C06	19840	CAP.SMD XXXX 0805C101J50	-	50V 100P	5%	1 PCS
	C07	19852	CAP.SMD XXXX 0805C101J50	-	50V 1N	5%	1 PCS
	C10	19840	CAP.SMD XXXX 0805C102J50	-	50V 100P	5%	1 PCS
	C11	19852	CAP.SMD XXXX 0805C101J50	-	50V 1N	5%	1 PCS
	C12	19852	CAP.SMD XXXX 0805C102J50	-	50V 1N	5%	1 PCS
	C13	19852	CAP.SMD XXXX 0805C102J50	-	50V 1N	5%	1 PCS
	C14	19840	CAP.SMD XXXX 0805C102J50	-	50V 100P	5%	1 PCS
	C19	19840	CAP.SMD XXXX 0805C101J50	-	50V 100P	5%	1 PCS
	C20	19840	CAP.SMD XXXX 0805C101J50	-	50V 100P	5%	1 PCS
	C21	19852	CAP.SMD XXXX 0805C101J50	-	50V 1N	5%	1 PCS
	C24	19852	CAP.SMD XXXX 0805C102J50	-	50V 1N	5%	1 PCS
	C25	19840	CAP.SMD XXXX 0805C102J50	-	50V 100P	5%	1 PCS

Product: 21072

PA 1234A GP POWER AMPL. ESPL

Issue: 7

Change Order: 3386

Appr.: *21.3*

Date: 0.11.99

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
	C26	19852	XXXX 0805C101J50 CAP.SMD	-	50V 1N	5%	1 PCS
1 PCS	R01	10909	XXXX 0805C102J50 SMD RESISTOR	-	50V 10	1%	1 PCS
1 PCS	R02	10926	XXXX 1206F100 SMD RESISTOR	-	0.25W 51	1%	1 PCS
1 PCS	R03	10940	XXXX 1206F510 SMD RESISTOR	-	0.25W 300	1%	1 PCS
1 PCS	R04	10903	XXXX 1206F301 SMD RESISTOR	-	0.25W 5.6	1%	1 PCS
2 PCS	R06	10977	XXXX 1206F5R6 SMD RESISTOR	-	0.25W 10K	1%	1 PCS
2 PCS	R07	10943	XXXX 1206F103 SMD RESISTOR	-	0.25W 390	1%	1 PCS
	R08	10943	XXXX 1206F391 SMD RESISTOR	-	0.25W 390	1%	1 PCS
4 PCS	R09	10967	XXXX 1206F391 SMD RESISTOR	-	0.25W 3.9K	1%	1 PCS
	R10	10967	XXXX 1206F392 SMD RESISTOR	-	0.25W 3.9K	1%	1 PCS
6 PCS	R11	18943	XXXX 1206F392 SMD RESISTOR	-	0.25W 100	1%	1 PCS
	R12	18943	XXXX 1206F101 SMD RESISTOR	-	0.25W 100	1%	1 PCS
	R13	18943	XXXX 1206F101 SMD RESISTOR	-	0.25W 100	1%	1 PCS
	R14	18943	XXXX 1206F101 SMD RESISTOR	-	0.25W 100	1%	1 PCS
	R15	18943	XXXX 1206F101 SMD RESISTOR	-	0.25W 100	1%	1 PCS
1 PCS	R16	20100	XXXX 1206F101 JUMPER	-	0.25W 0	1%	1 PCS

Product: 21072

PA 1234A GP POWER AMPL. ESPL

Issue: 7

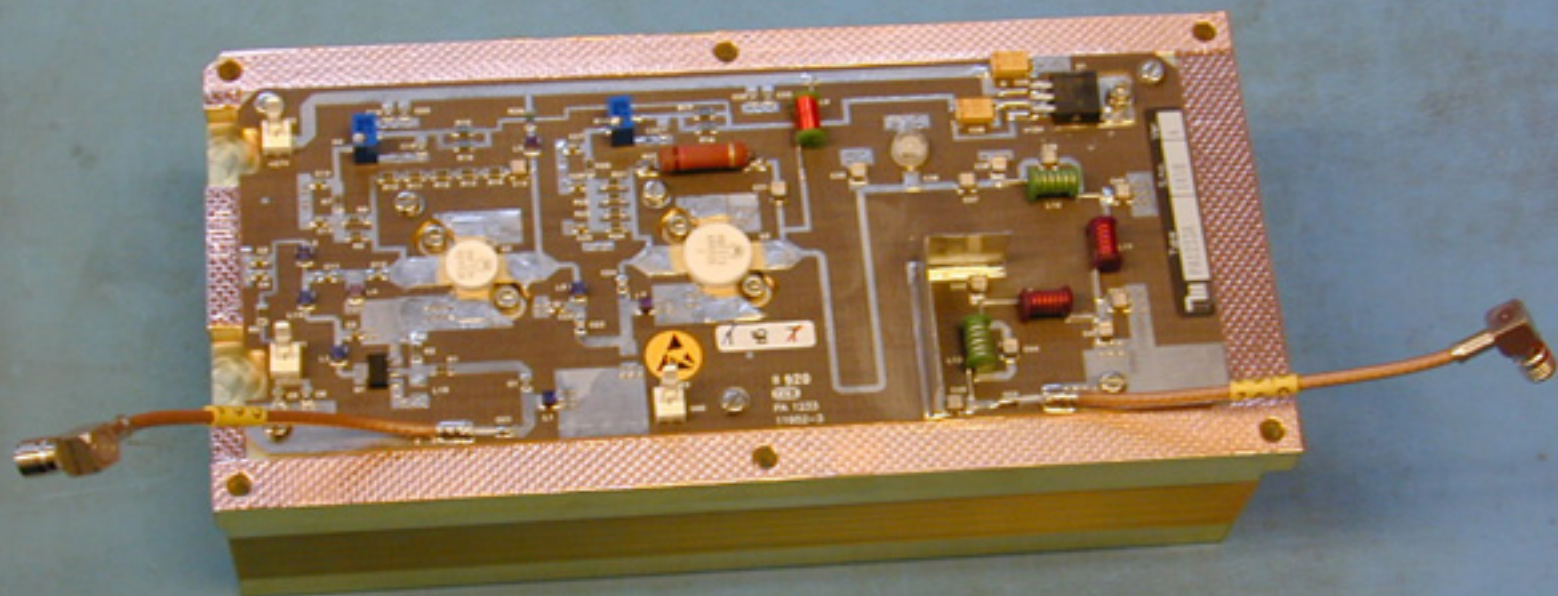
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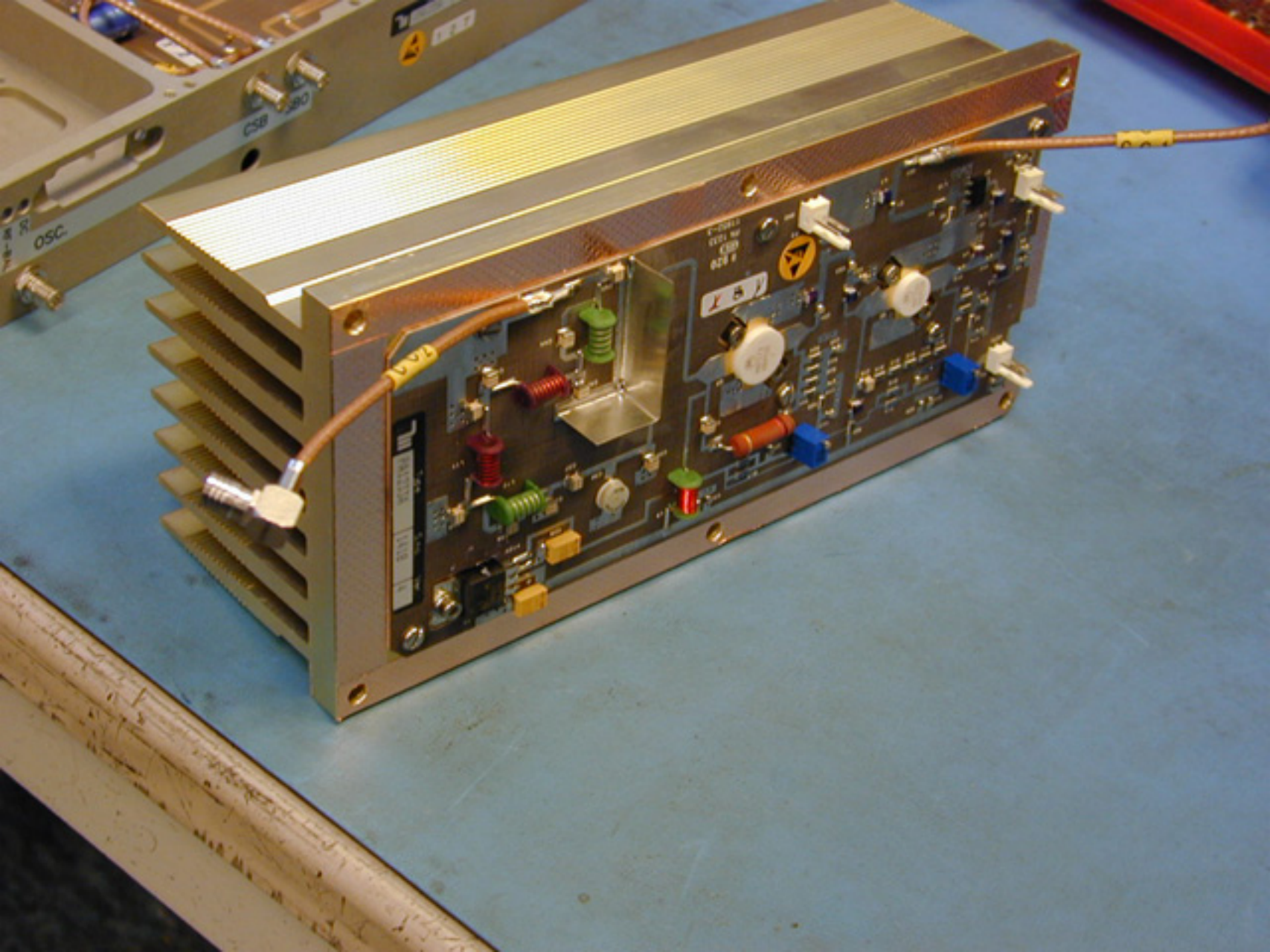
Appr.: *A.S.*

Date: 10.11.98

Tot.Quant.	Pos.	Part no.	Component Manu. Description	Drwg.no.	Rev.	Value/Dim. Ratings	Tol. Function	Quant./Pos.
	R17	10977	XXXX 1206F000 SMD RESISTOR	-		10K	1%	1 PCS
4 PCS	R18	10991	XXXX 1206F103 SMD RESISTOR	-		39K	1%	1 PCS
	R19	10991	XXXX 1206F393 SMD RESISTOR	-		39K	1%	1 PCS
	R20	10991	XXXX 1206F393 SMD RESISTOR	-		39K	1%	1 PCS
	R21	10991	XXXX 1206F393 SMD RESISTOR	-		39K	1%	1 PCS
	R23	10967	XXXX 1206F392 SMD RESISTOR	-		3.9K	1%	1 PCS
	R24	10967	XXXX 1206F392 SMD RESISTOR	-		3.9K	1%	1 PCS
	R26	18943	XXXX 1206F101 SMD RESISTOR	-		100	1%	1 PCS
1 PCS	R27	10951	XXXX 1206F821 SMD RESISTOR	-		820	1%	1 PCS
1 PCS	R28	10937	XXXX 1206F201 SMD RESISTOR	-		200	1%	1 PCS

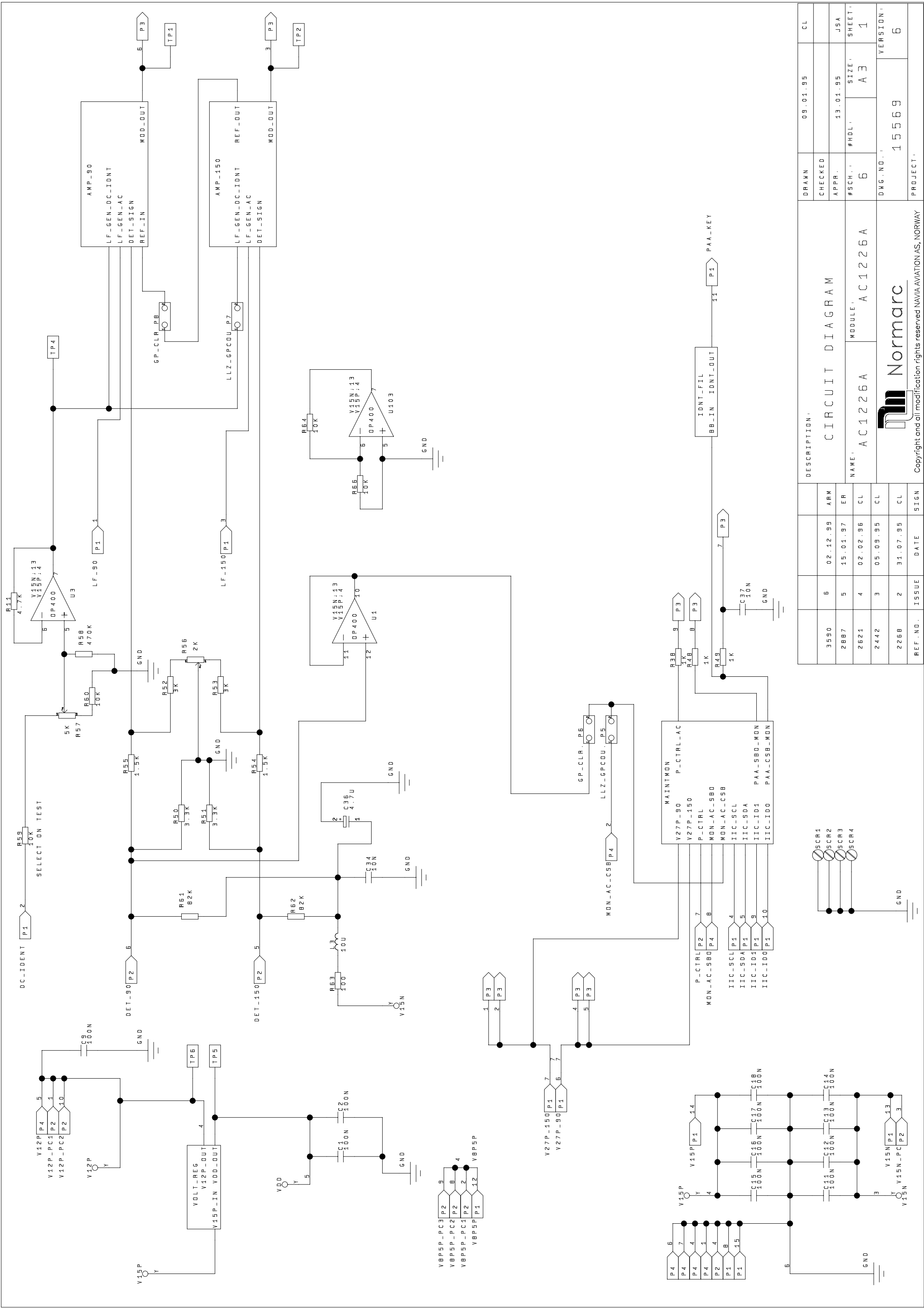
4.3 *Photos*



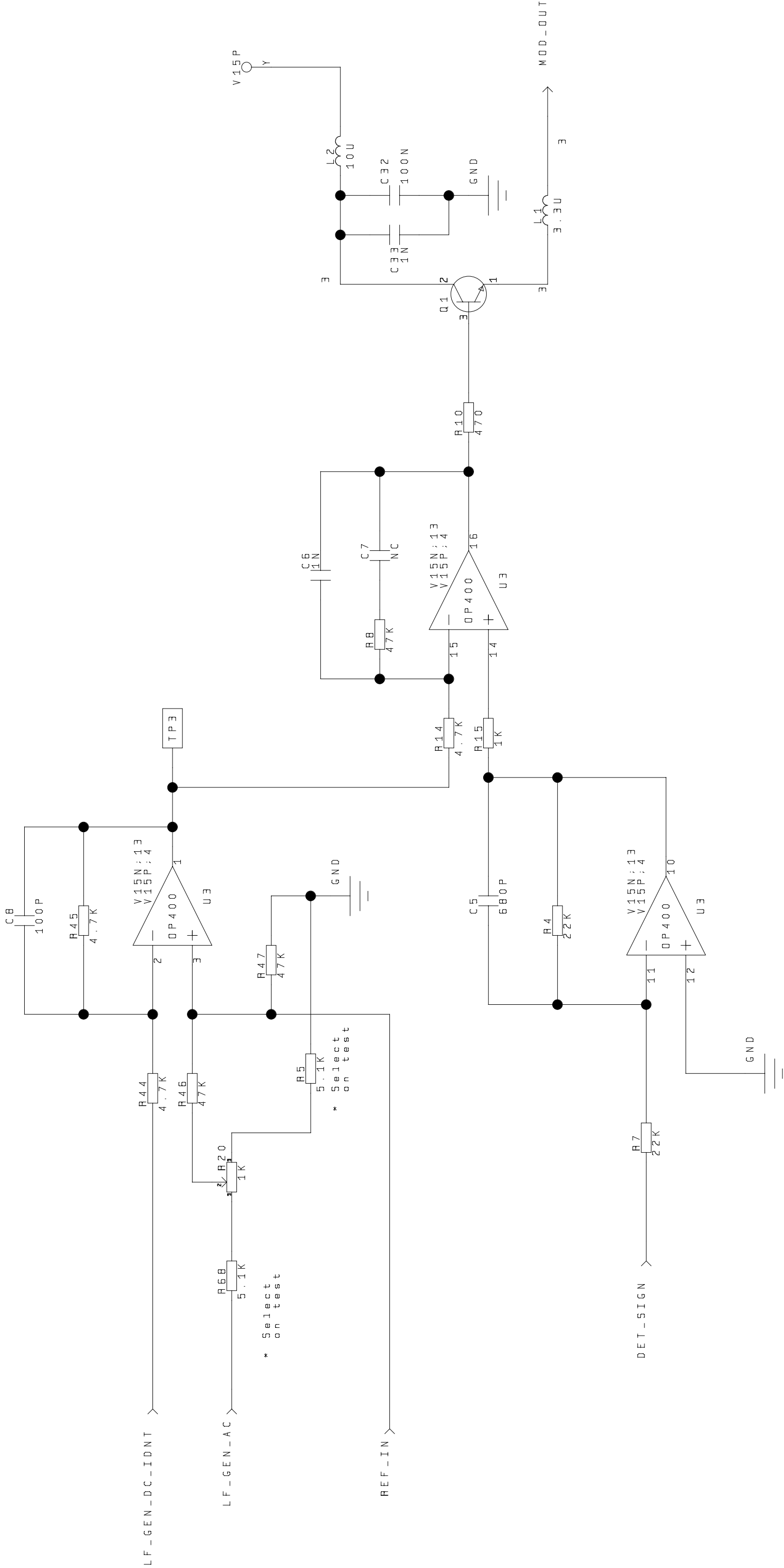


5 AC1226A AMPLITUDE CONTROL

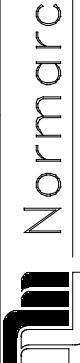
5.1 *Schematic Diagrams*

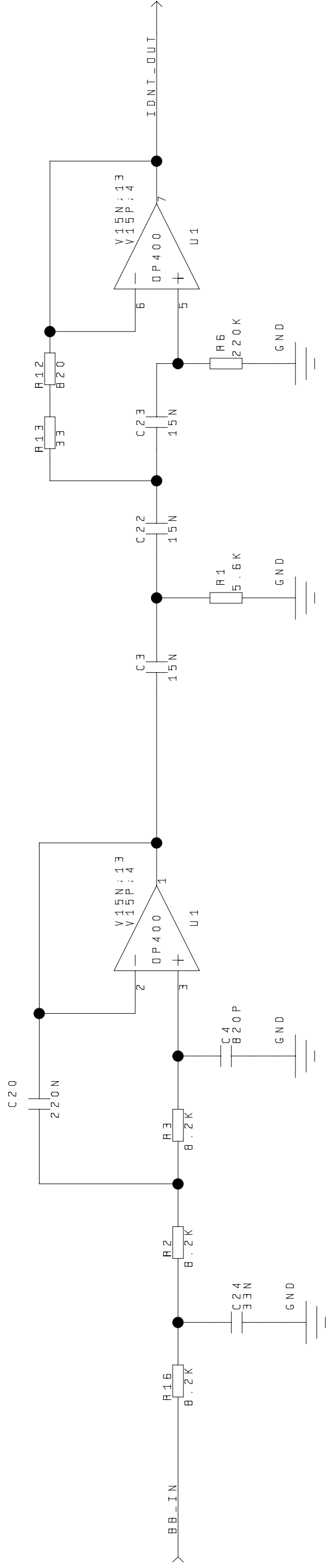


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2887	5	15.01.97	ER														
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2442	3	05.09.95	CL														
2268	2	31.07.95	CL														
REF. NO.	ISSUE	DATE	SIGN	DWG. NO. : 15569												VERSION : 6	
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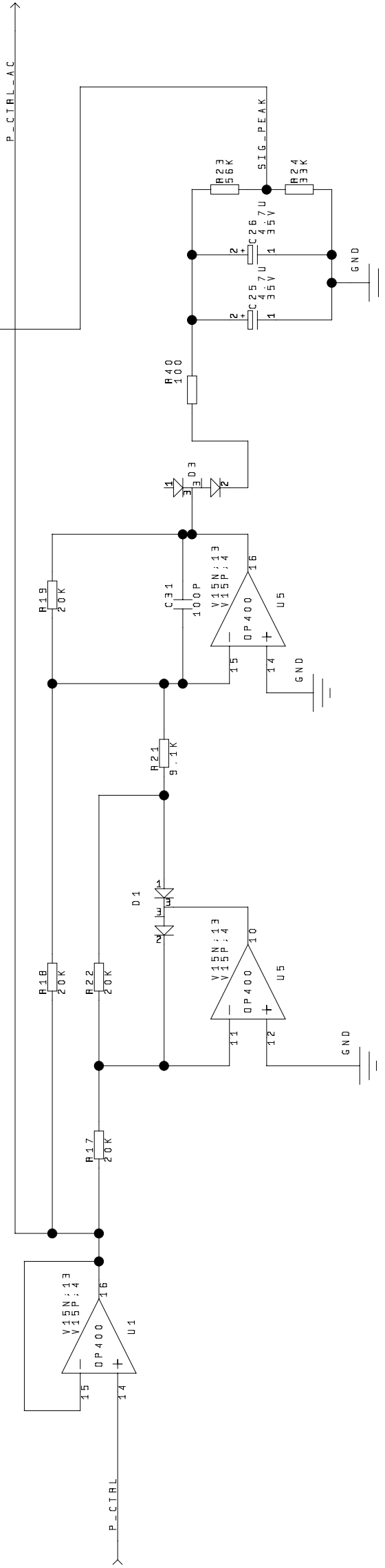
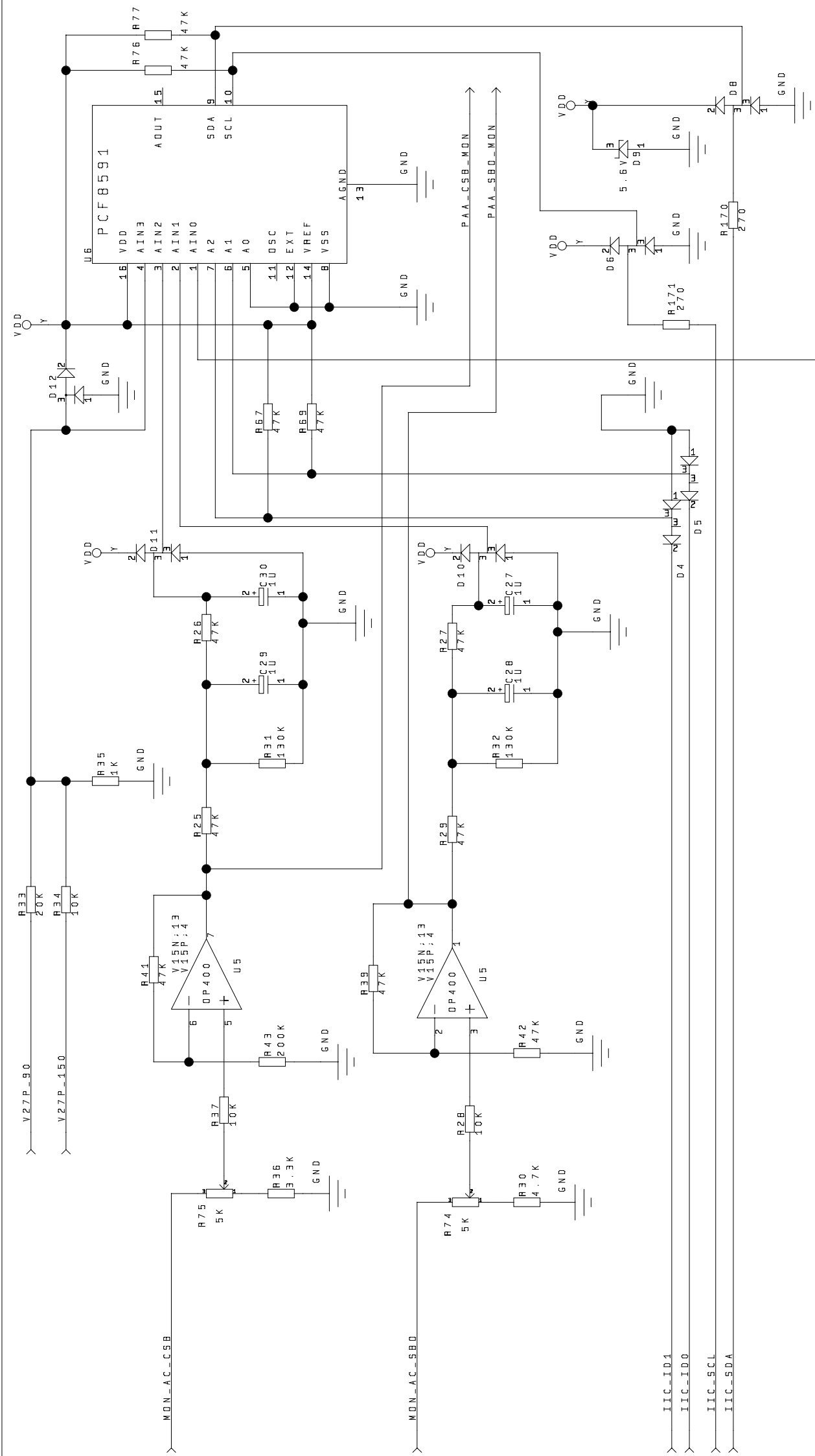


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2621		4	02.02.96	CL		13.01.95		JSA	
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						#SCH. : 6		#HDL : A3	
						SIZE :		SHEET : 3	
2442		3	05.09.95	CL				VERSION : 6	
2268		2	31.07.95	CL					
REF. NO. :		ISSUE	DATE	SIGN		DWG. NO. : 15569			
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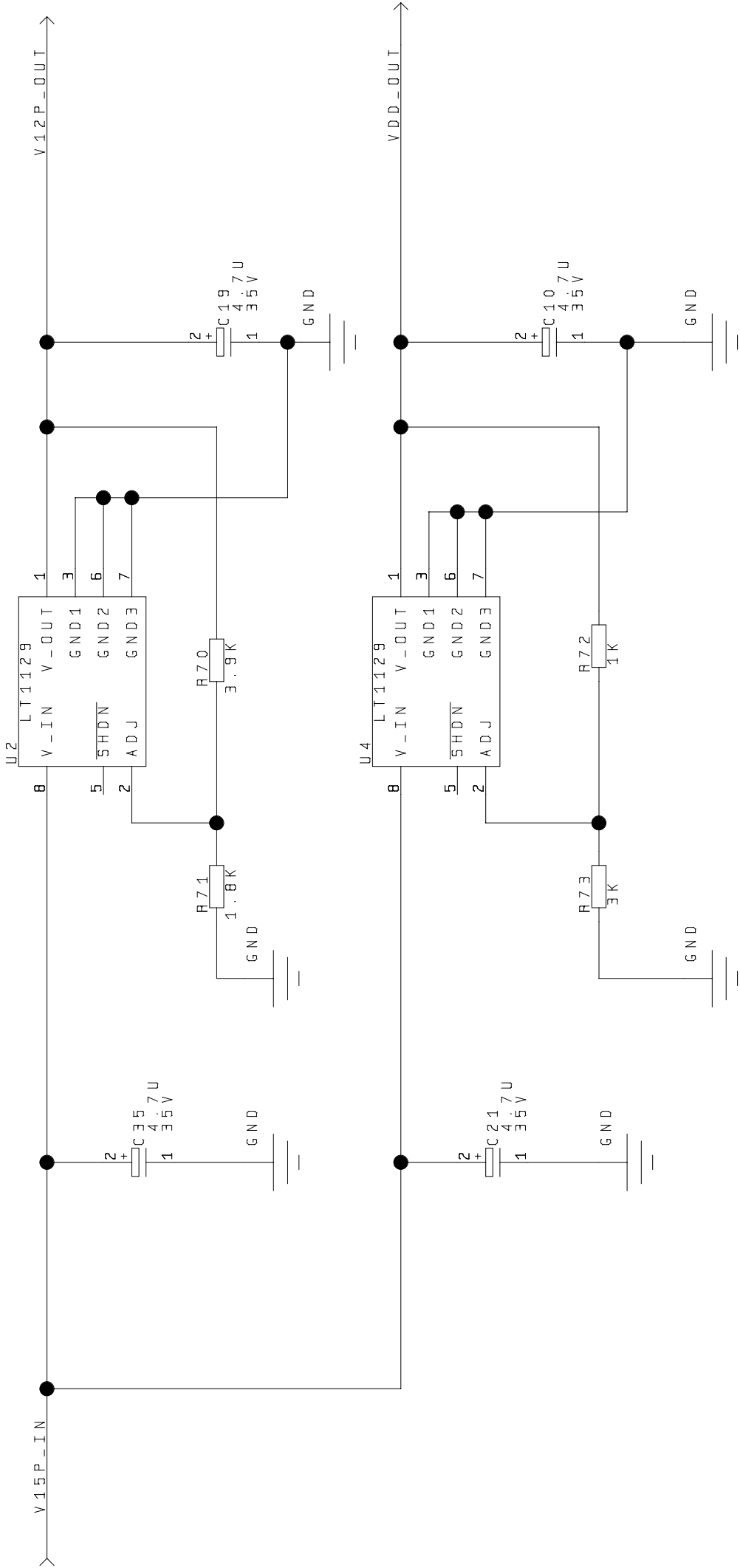




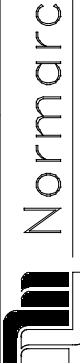
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2887	5	15.01.97	ER		APPR. 13.01.95	JSA
2621	4	02.02.96	CL	NAME: IDNT_FIL	#SCH.: 6	SHEET: 4
				MODULE: AC1226A	#HDL:	SIZE: A3
2442	3	05.09.95	CL	 Normarc	DWG.NO.: 15569	VERSION: 6
2268	2	31.07.95	CL			
REF.NO.	ISSUE	DATE	SIGN	PROJECT:		



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3590		6	02 . 12 . 99	ARM	CIRCUIT DIAGRAM		CHECKED	12 - 2 - 1999 _ 16 . 11	TMA
2887		5	15 . 01 . 97	ER			APPR.	13 . 01 . 95	JSA
2621		4	02 . 02 . 96	CL	NAME : MAINT MON	MODULE : AC1226A	#SCH . : 6	#HDL : A 3	SHEET : 5
2442		3	05 . 09 . 95	CL					
2268		2	31 . 07 . 95	CL			DWG . NO . : 15569	VERSION : 6	
REF . NO .	ISSUE	DATE	SIGN		Copyright and all modification rights reserved NAVIA AVIATION AS, NORWAY				
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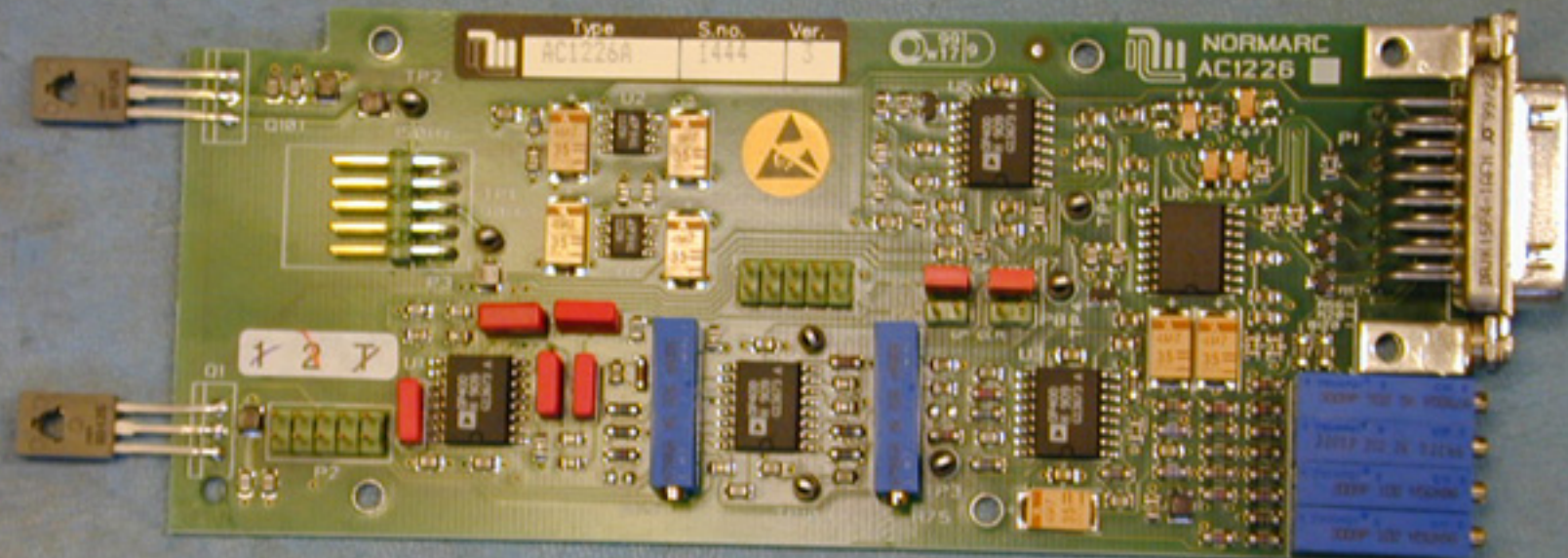


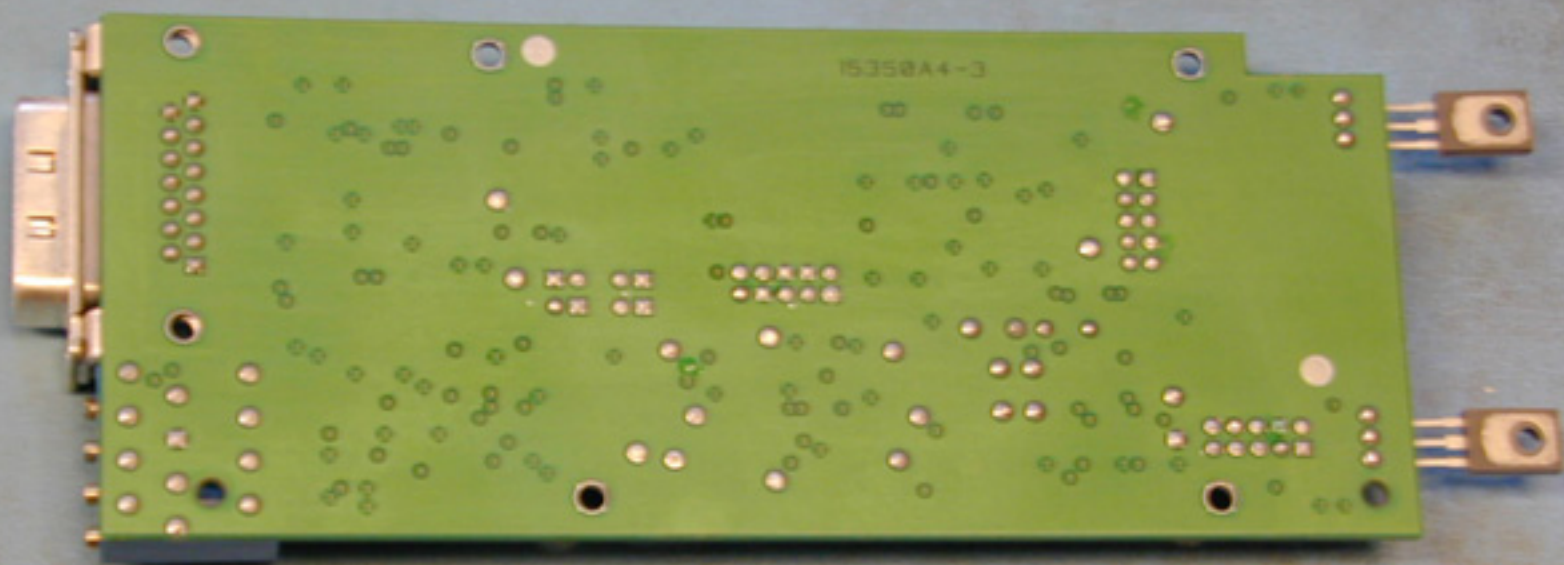
				DESCRIPTION :								
				CIRCUIT DIAGRAM								
3590	6	02.12.99	ARM				DRAWN	09.01.95		CL		
2887	5	15.01.97	ER				CHECKED	12-2-1999-16.10		TMA		
2621	4	02.02.96	CL				APPR.	13.01.95		JSA		
				NAME :	VOLT_REG	MODULE :	#SCH. :	#HDL :	SIZE :	SHEET :		
						AC1226A	6		A3	6		
2442	3	05.09.95	CL	 Normarc							VERSION :	6
2268	2	31.07.95	CL								DWG. NO. :	15569



Normarc

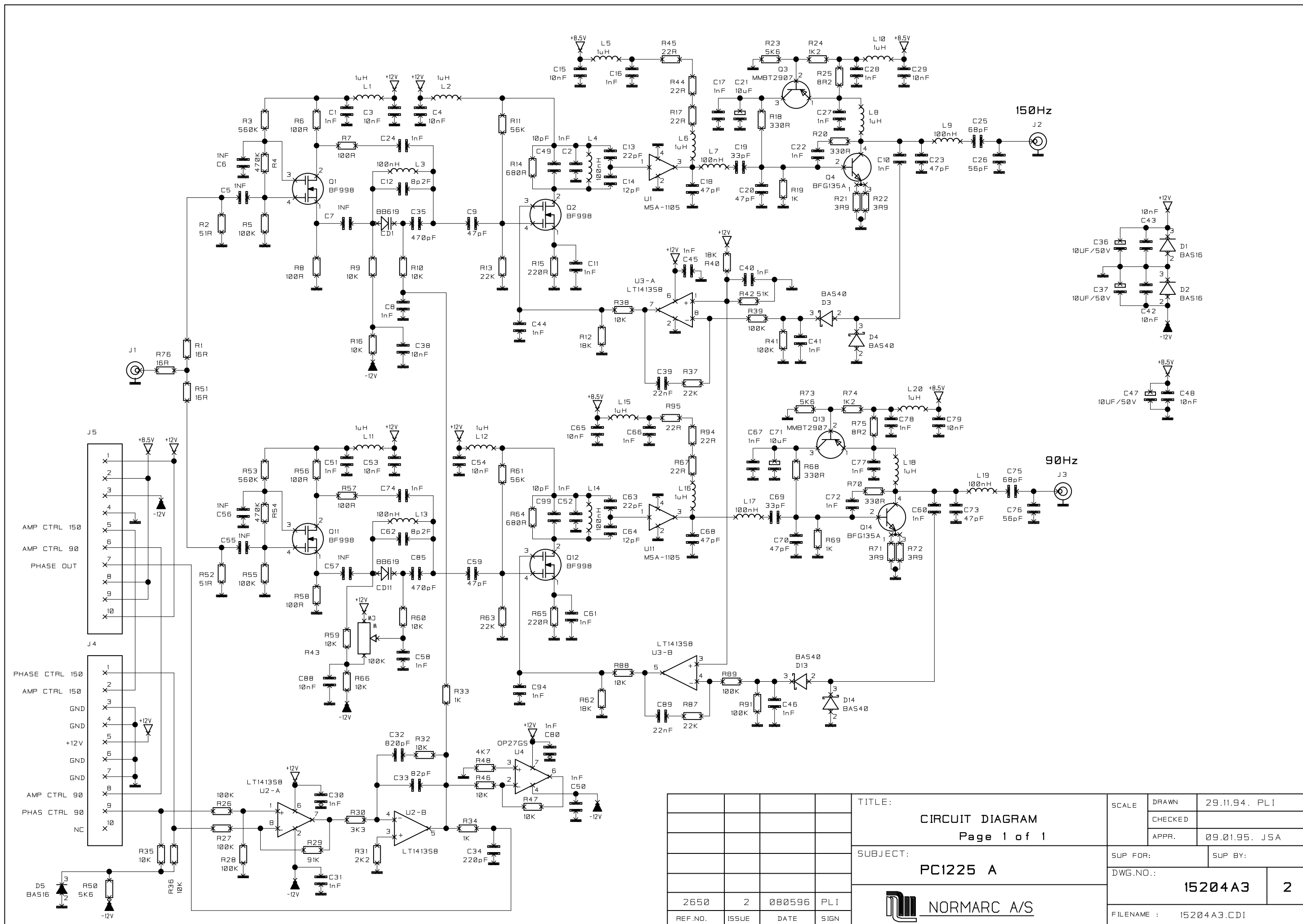
5.2 *Photos*





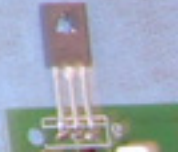
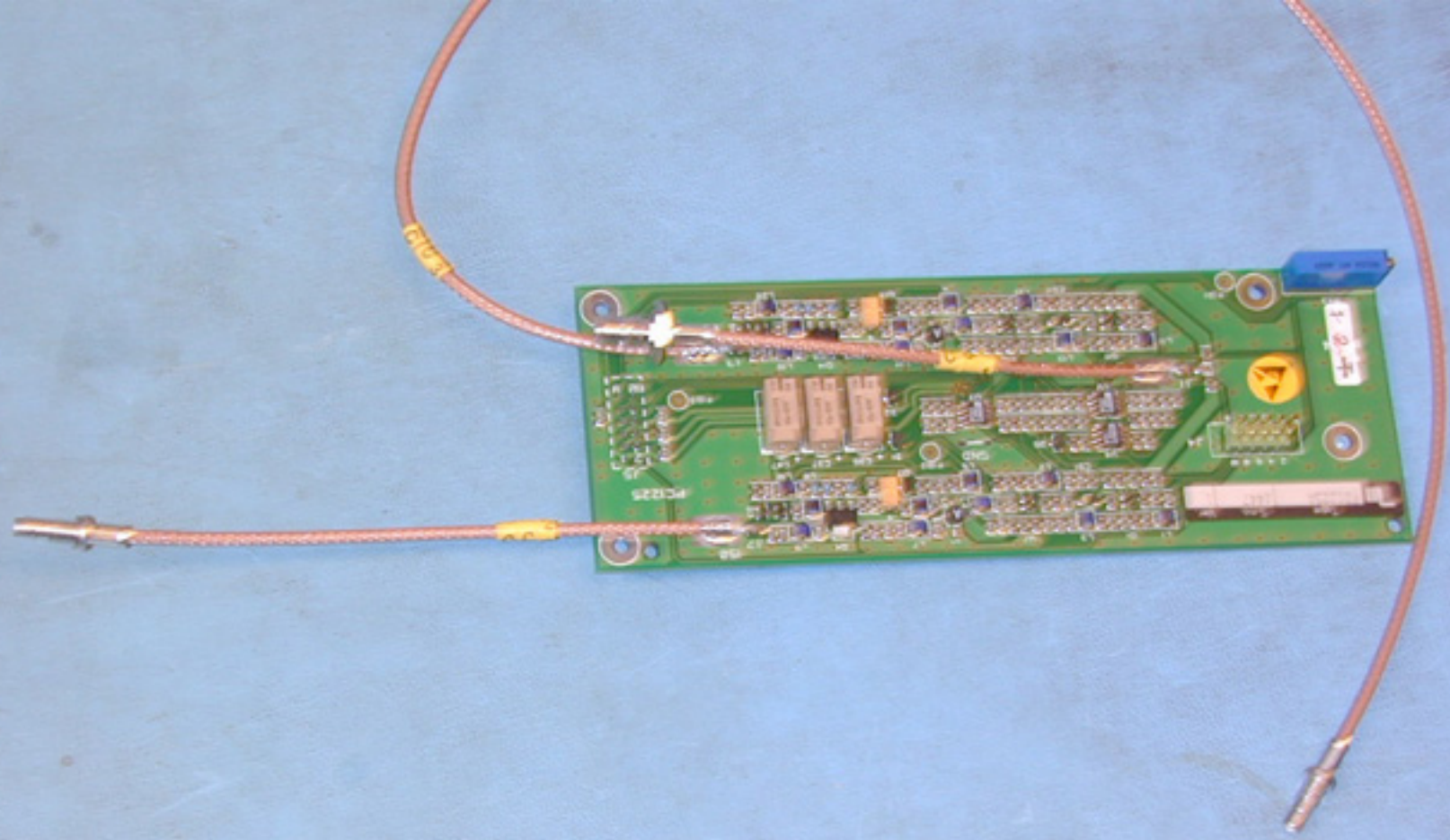
6 PC1225A PHASE CONTROL

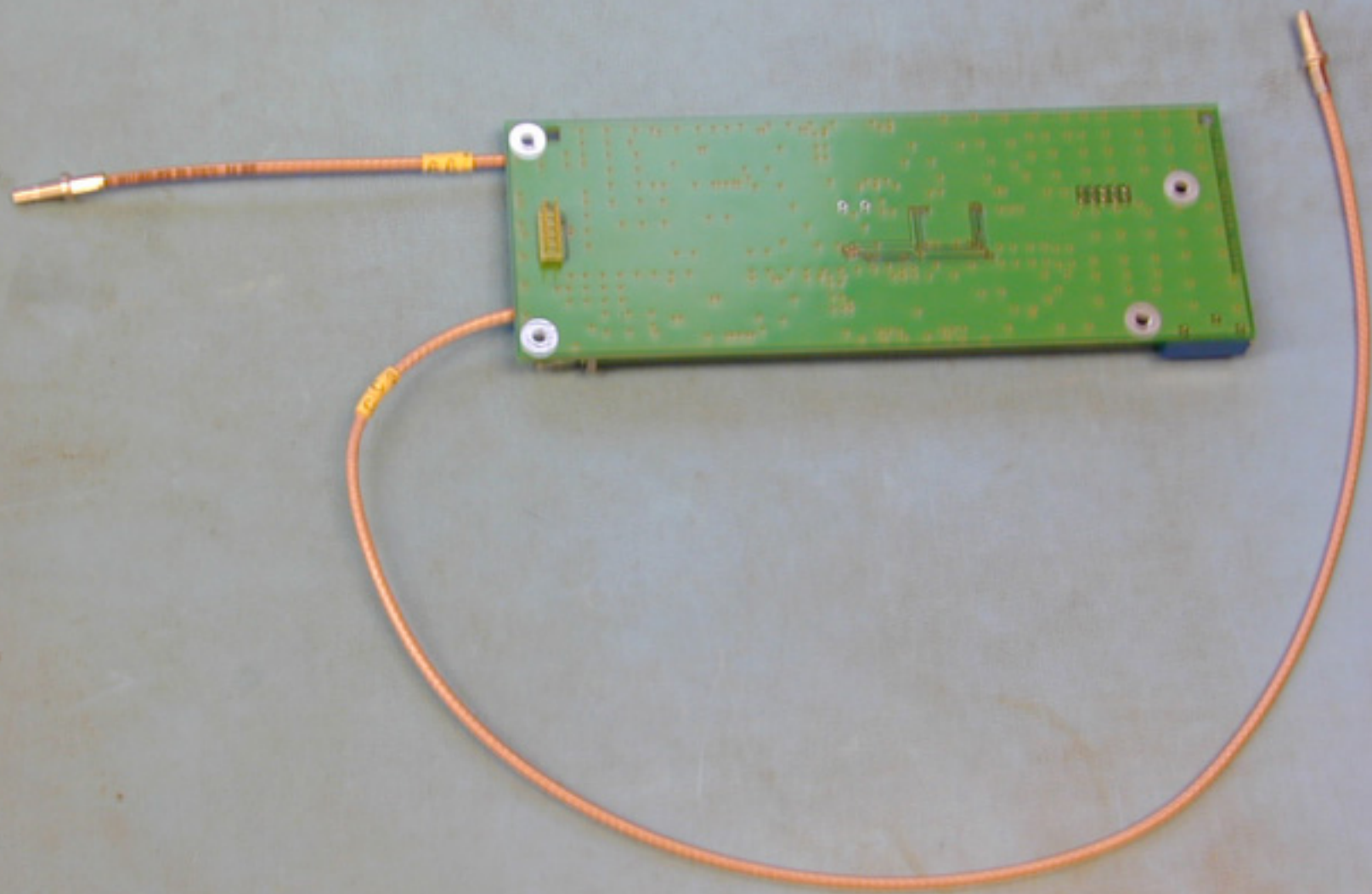
6.1 *Schematic Diagrams*



				TITLE: CIRCUIT DIAGRAM Page 1 of 1	SCALE	DRAWN	29.11.94. PLI	
						CHECKED		
						APPR.	09.01.95. JSA	
				SUBJECT: PC1225 A	SUP FOR:		SUP BY:	
					DWG.NO.:		15204A3	
				 NORMARC A/S			2	
2650	2	080596	PLI		FILENAME :		15204A3.CDI	
REF.NO.	ISSUE	DATE	SIGN					

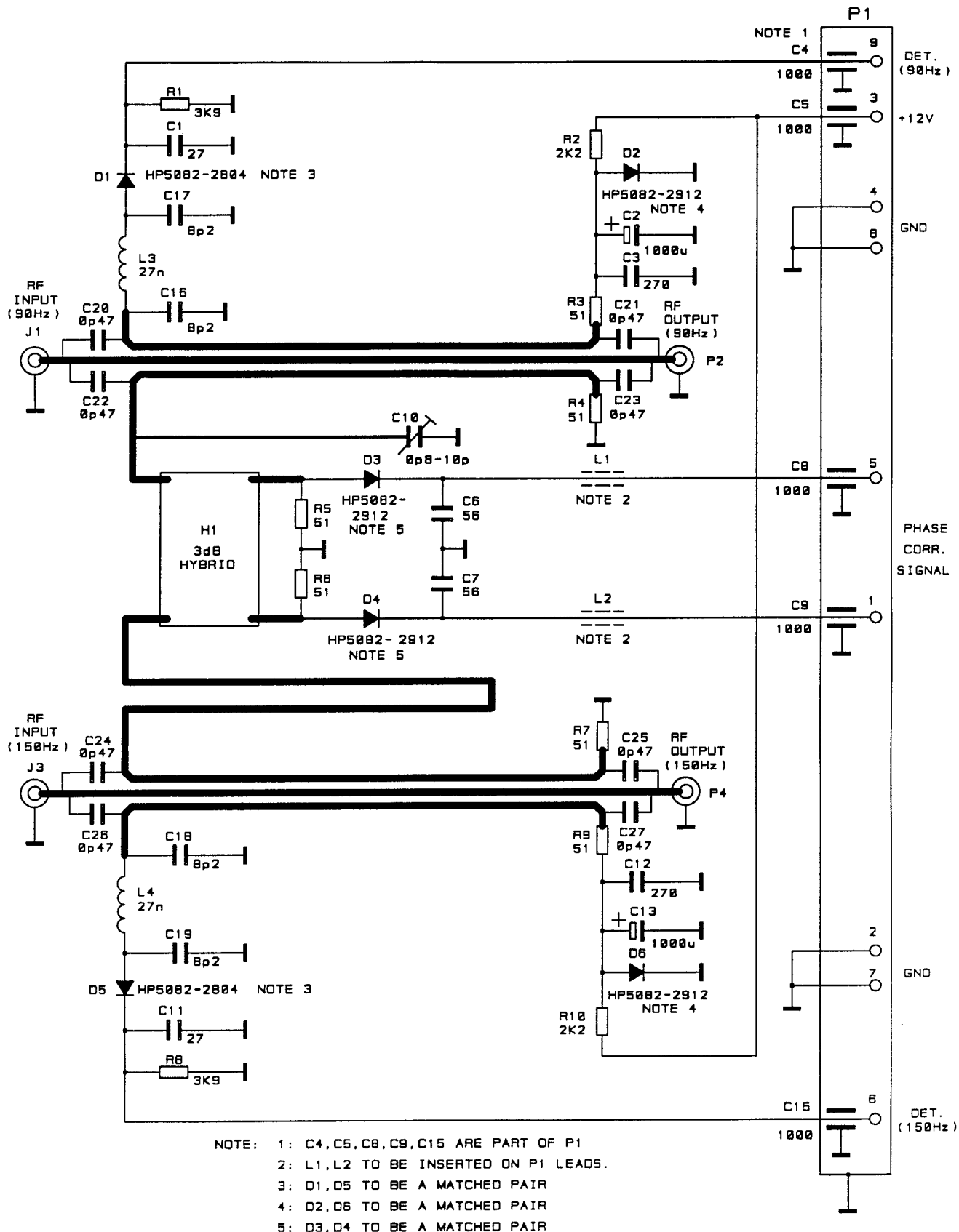
6.2 *Photos*





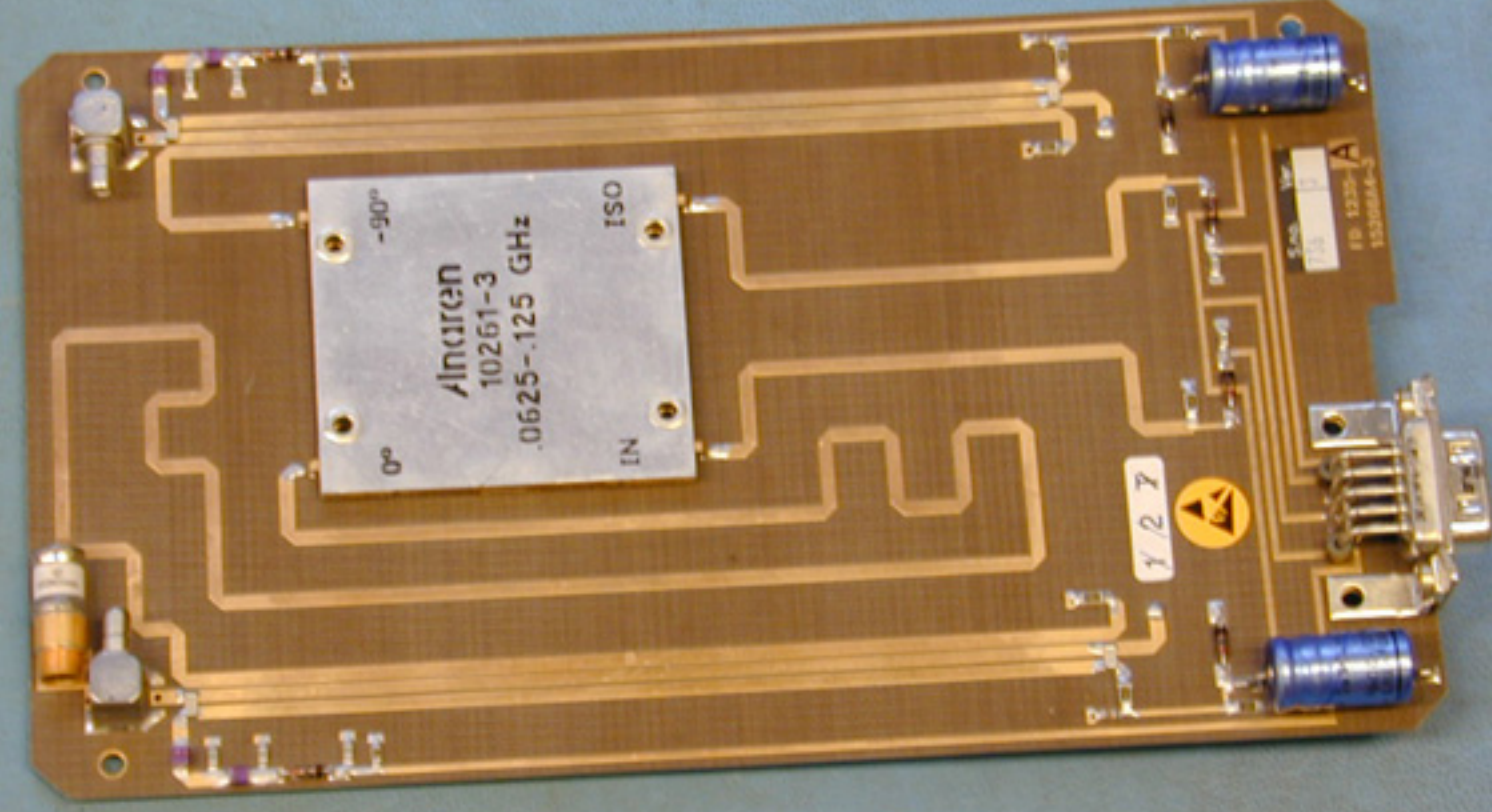
7 FD1236A FEEDBACK DETECTOR

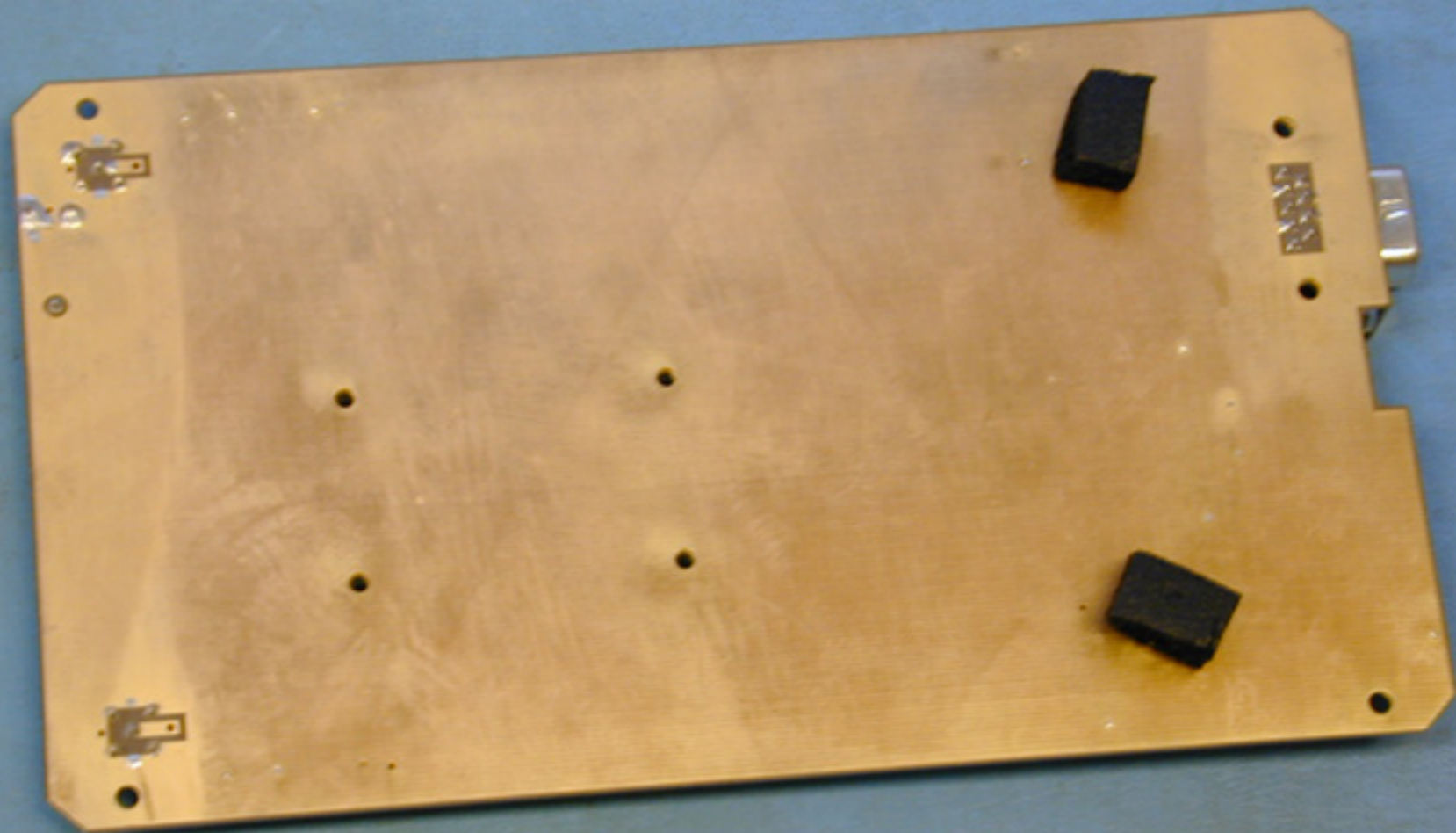
7.1 *Schematic Diagrams*



				TITLE: CIRCUIT DIAGRAM GP COURSE FEEDBACK DETECTORS		SCALE	DRAWN	27.05.94	TBJ
							CHECKED	29.08.95	S.H.
							APPR.	27.09.94	JSa
				SUBJECT: FD 1236A		SUP FOR:		SUP BY:	
2413		2	290895			DWG. NO.:		15390A4	2
REF. NO.	ISSUE	DATE	SIGN	NORMARC A/S		FILENAME :			

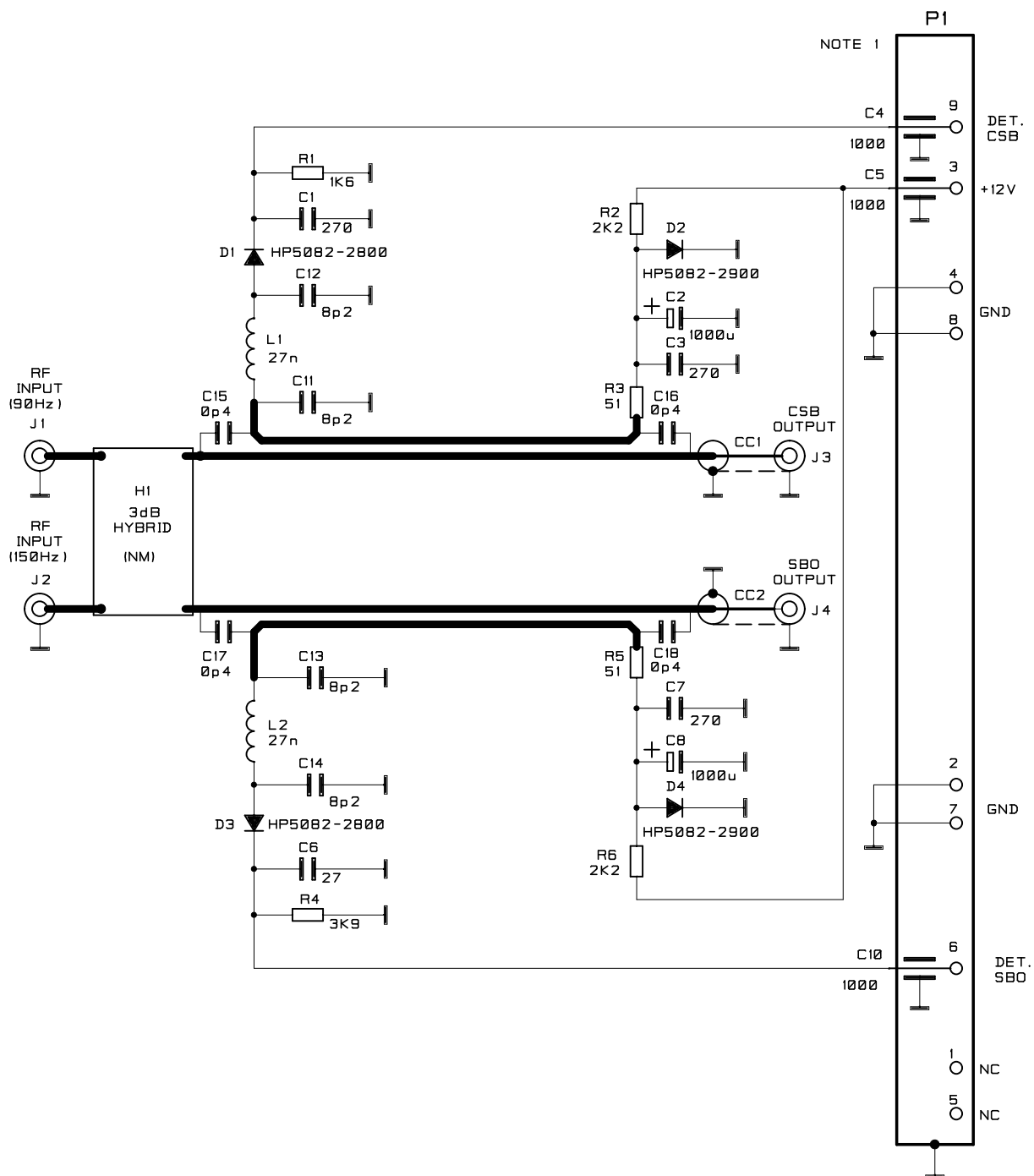
7.2 *Photos (FD1235A)*





8 CD 1238A COMBINER DETECTOR

8.1 *Schematic Diagrams*



				TITLE: CIRCUIT DIAGRAM GP COURSE COMBINER/DETECTOR	SCALE	DRAWN	27.05.94	TBj
						CHECKED		
						APPR.	13.12.94	JSa
						SUBJECT: CD 1238A		
3069	4	031097	TBj	CD 1238A	SUP FOR:		SUP BY:	
2620	3	310196	TBj		DWG.NO.: 15393A4			4
2085	2	131294	TBj		NORMARC A/S			
REF. NO.	ISSUE	DATE	SIGN		FILENAME :			

8.2 *Photos (CD1237A)*

