

REF	TYPE	PINS	+10V	+5V	0V
IC1	CD4066B		14	7	
IC2	LM324N		4	11	
IC3	MC3357				
IC4	MC3357				
IC5	CD4066B		14	7	
IC6	LM324N		4	11	
IC7	CD4052B		16	8	
IC8	TL062CP		8	4	
IC9	LS404CB		4	11	
IC10	TL062CP		8	4	
IC11	CD4066B		14	7	
IC12	CD4066B		14	7	
IC13	CD4066B		14	7	
IC14	TL062CP		8	4	
IC15	CD4052B		16	8	
IC16	CD4094B		16	8	
IC17	CD4094B		16	8	
IC18	CD40106B		14	7	
IC19	CD4047B				
IC20	CD40106B				
IC21	CA3290E				
IC22	CA3290E				
IC23	LM380N-8				
IC24	CD40106B				
IC25					
IC26					
IC27					
IC28					
IC29					
IC30	HEF4052BT				

SEE CIRCUIT

SEE CIRCUIT

BANDWIDTH VARIATION BRC

COMPONENTS "NOT FITTED":- R3, R9, R44, R46, C3, C11, C12, C13, C39, C38, C58, C79, C204, C212, C215, C216, C231, TR3, TR7, D3, D32, L3, L30, L31, L32, L44 & CF3.

BANDWIDTH VARIATION CB1

COMPONENTS "NOT FITTED":- R44, R46, C11, C33, C38, C58, C79, C204.

BANDWIDTH VARIATION CB2

COMPONENTS "NOT FITTED":- R44, R46, C11, C33, C38, C58, C79, C204.

BANDWIDTH VARIATION CEL

COMPONENTS "NOT FITTED":- R44, R46, C33, C38, C44, C46, C58, C65, C79, C204, C11, C12, C13, C215, C216 TO BE DECIDED.

CHANGE VALUE OF COMPONENTS :- R74 - 10K  
C37 - 10pF  
C36 - 3-10pF  
L17 - 7mH (YELLOW)

BANDWIDTH VARIATION PMR

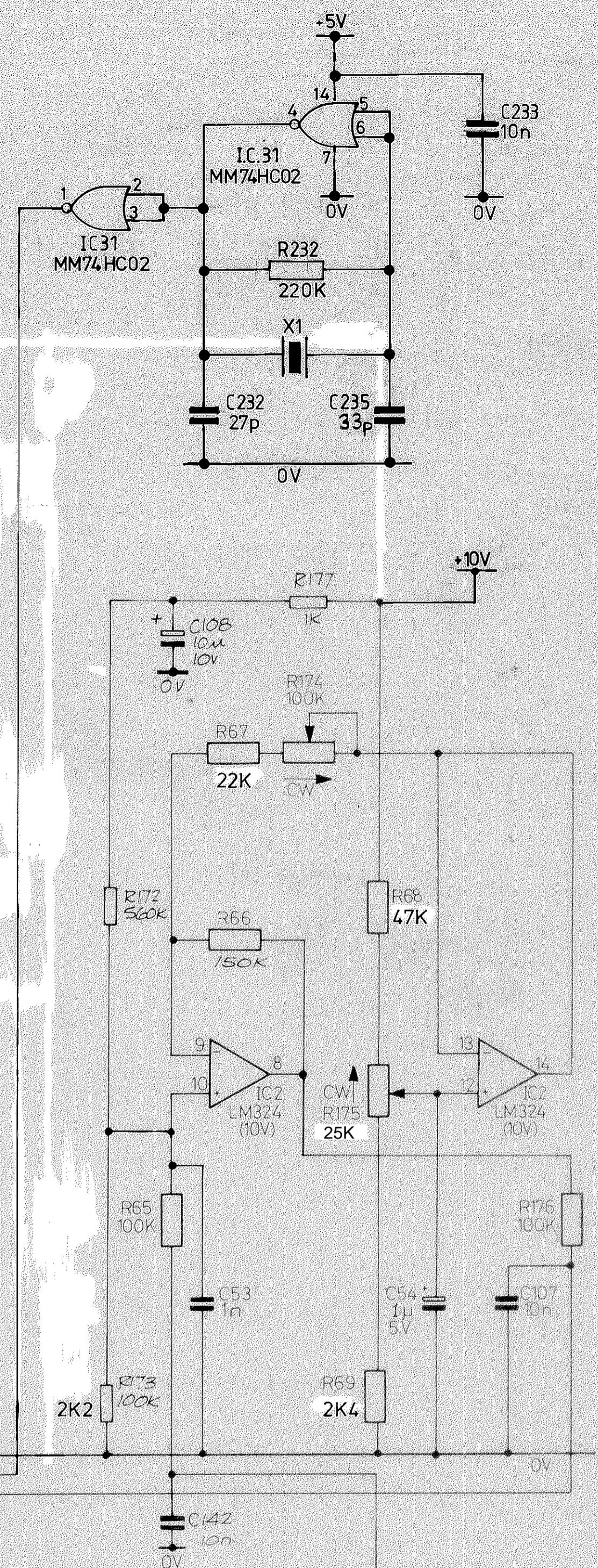
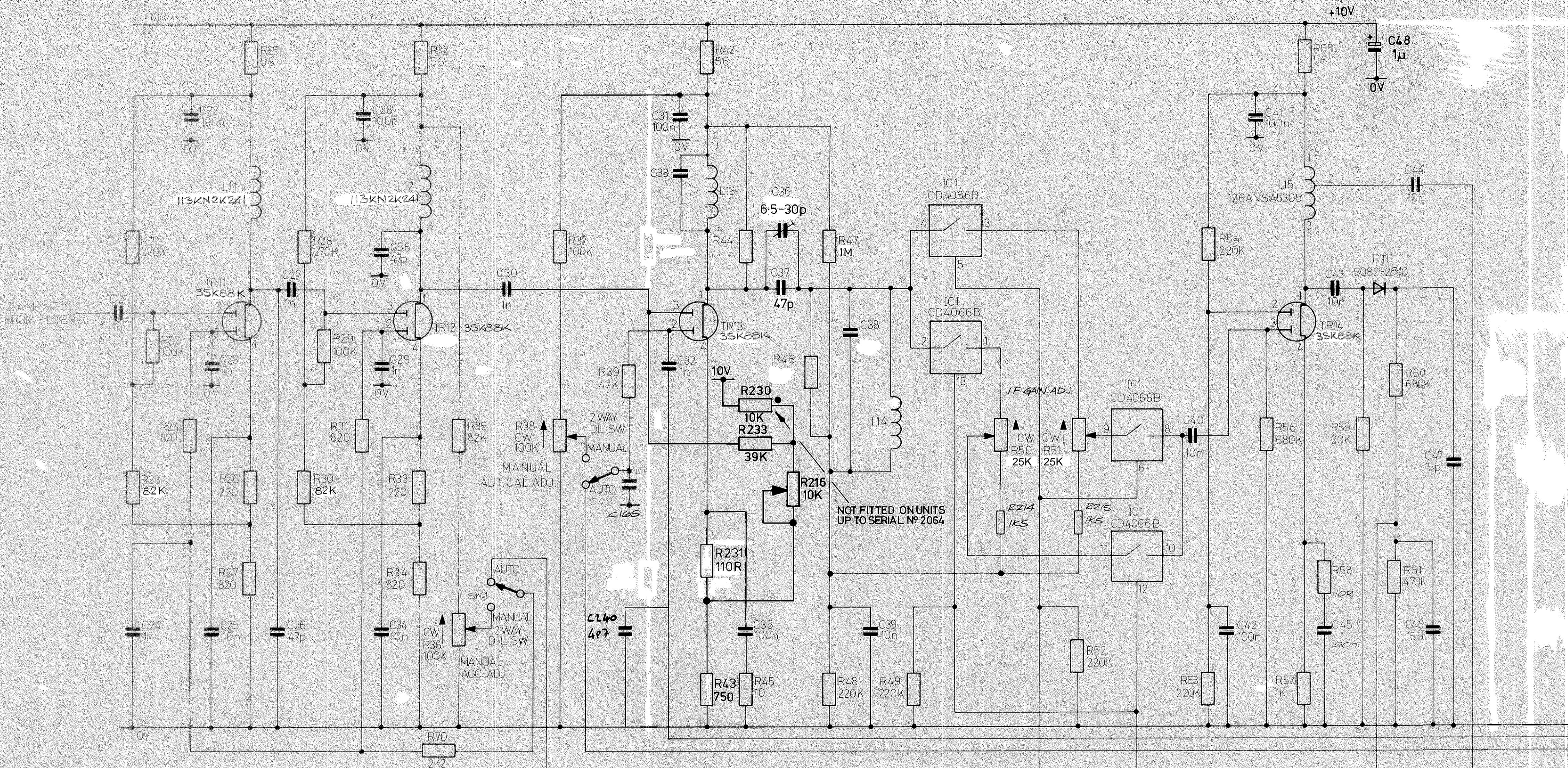
COMPONENTS "NOT FITTED":- R3, R9, R44, R46, C3, C11, C12, C13, C33, C38, C44, C46, C58, C65, C79, C204, C212, C215, C216, C231, TR3, TR7, D3, D32, L3, L30, L31, L32, L44 & CF3.

CHANGE VALUE OF COMPONENTS :- R74 - 10K  
C37 - 10pF  
C36 - 3-10pF  
L17 - 7mH (YELLOW)

DIMENSIONS IN MILLIMETRES		TITLE I.F. FILTER BOARD CIRCUIT DIAGRAM	
TOLERANCES UNLESS OTHERWISE STATED		SCREW THREADS	
DIMS. TO 2 DEC. PLACES ± 0.1		DIMS. TO B.S. 93 NORMAL	
DIMS. TO 1 DEC. PLACE ± 0.2		DIMS. WITHOUT DEC. PLACE ± 0.4	
DIMS. WITHOUT DEC. PLACE ± 0.1		UNITED TO B.S. 1560	
HOLE DIAMETER ± 0.15 - 0		ISO METRIC TO B.S. 1560 PT. 12 or 3	
ANGULAR ± 0°30'		THIRD ANGLE PROJECTION	
		USED ON GPR 40	QTY/UNIT
			willtek

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE					
361 984 S										
DRAWING No. C1-2070 SHEET 1 OF 5										

3	C/N 87042	87082	88005	10/10/88	
2	C/N 87073			10/0/87	
1	RB	187	8 C/N 91056	C/N 91034 & 91008	
A	FIRST ISSUE		7 C/N 80081	C/N 90061 & C/N 90062	
No.	DESCRIPTION	CHK'D APP'D DATE	APP'D	12 C/N 96034	
REVISIONS				13 C/N 94150	
5	C/N 88045 & C/N 89031	10/86	10 C/N 94104	14 C/N 93081	
4	C/N 90025	7 C/N 80081	10 C/N 94104	15 C/N 00601	
	VALUE CHANGES SEE CINCH			16 C/N 00021	
	R11	4K7		17 C/N 18100	
				18 C/N 18100	



 BC  
AUTO CAL IN  
2-3V

DIMENSIONS IN MILLIMETRES		TITLE AGC AMPLIFIER 2ND MIXER AND 455 KHZ AMPLIFIER CIRCUIT DIAGRAM	
TOLERANCES UNLESS OTHERWISE STATED			
DIMS. TO 2 DEC PLACES $\pm 0.1$	SCREW THREADS		
DIMS. TO 1 DEC PLACE $\pm 0.2$	B.A. TO B.S. 93 NORMAL		
DIMS. WITHOUT DEC PLACE $\pm 0.4$	UNIFIED TO B.S. 1580		
HOLE DIAMETER $\pm 0.15 - 0$	ISO METRIC TO B.S. 3643 PT 1, 2 or 3		
ANGULAR $\pm 0^{\circ}30$	THIRD ANGLE PROJECTION	USED ON	GPR 40

will'tek

3	C/N 87042	87082 & 89005	RL	21/12/88
2	C/N 87073	FOR DETAILS SEE C/NOTE	W	20/10/87
1			RB	1/87
	FIRST ISSUE			10/86

8	C/N 91056	C/N 91093 \$ 9
7	C/N 89081	C/N 90061 €
6	C/N 89077	
5	C/N 89045 &	C/N 89031
4	C/N 89025	VALUE CHANG

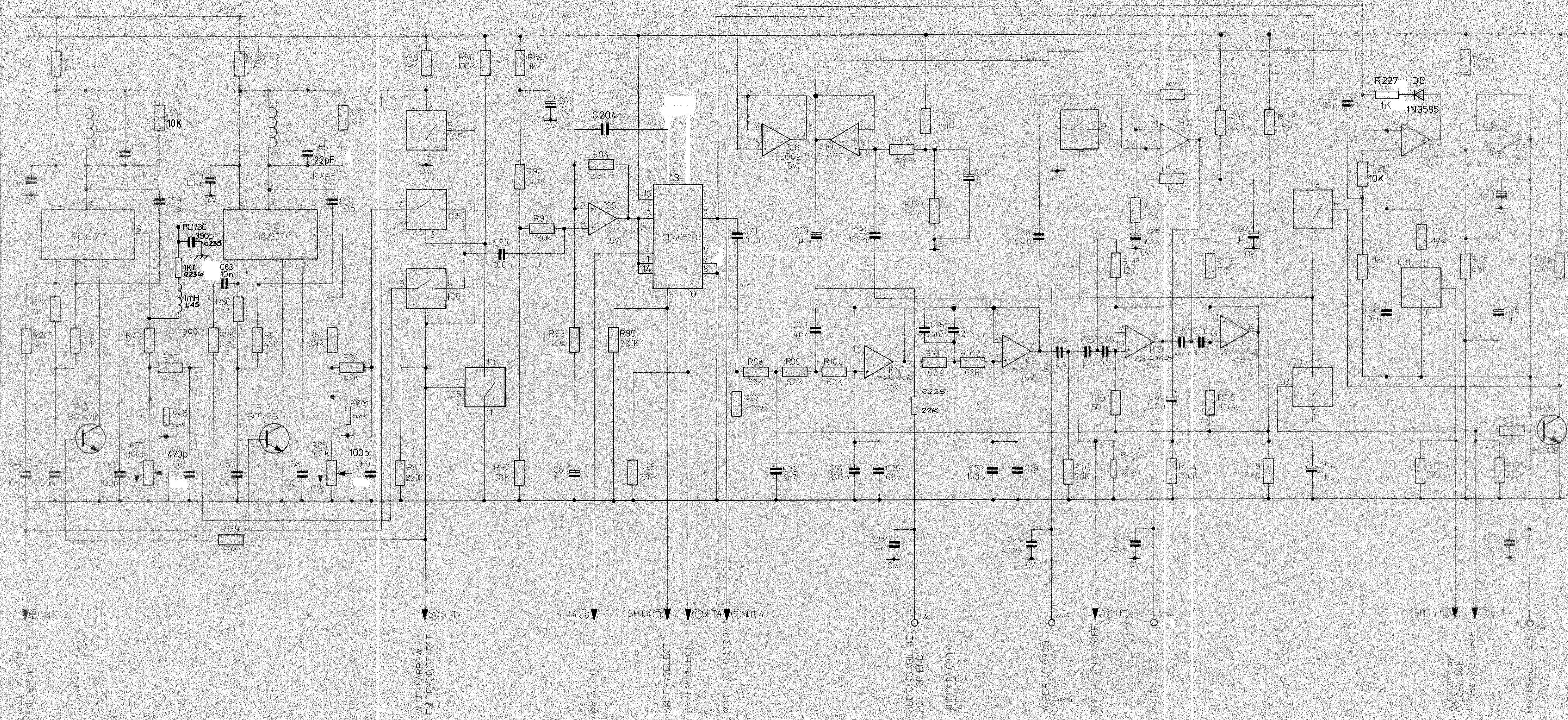
1098	DR	1/1/91	12	C
C/N 90062	RB	25/6/90	11	C
	AKP	14/5/90	10	C
	AKP	29/6/89	9	C
L - EEC/N	AKP	13/4/89		

N 96034  
N 94150  
N 94115 & 94104  
N 93081  
**FACTORY ISSUE**  
**DESCRIPTION**

1cm	29.3.96		
R8	10.10.94	15	020
m	11/6/93	14	010
	15/02/93	13	C N O
CHK'D	APP'D	DATE	NO.
			DESC

DESCRIPTION	CHKD	APPD	DATE
6.15	Ro		28.08.02
6.01	BDE	PS	25.07.01
0021	KM		18.10.00

DRAWING No. 361 984 S  
~~1-2070~~ SHT. 2 -5



3	C/N 87042		87082 & 89005	R	21/12/88
2	C/N 87073				20/01/87
1				RB	1/87
A	FIRST ISSUE				10/86
		DESCRIPTION		CHK/DIA/PD	DATE
		ALTERATIONS			

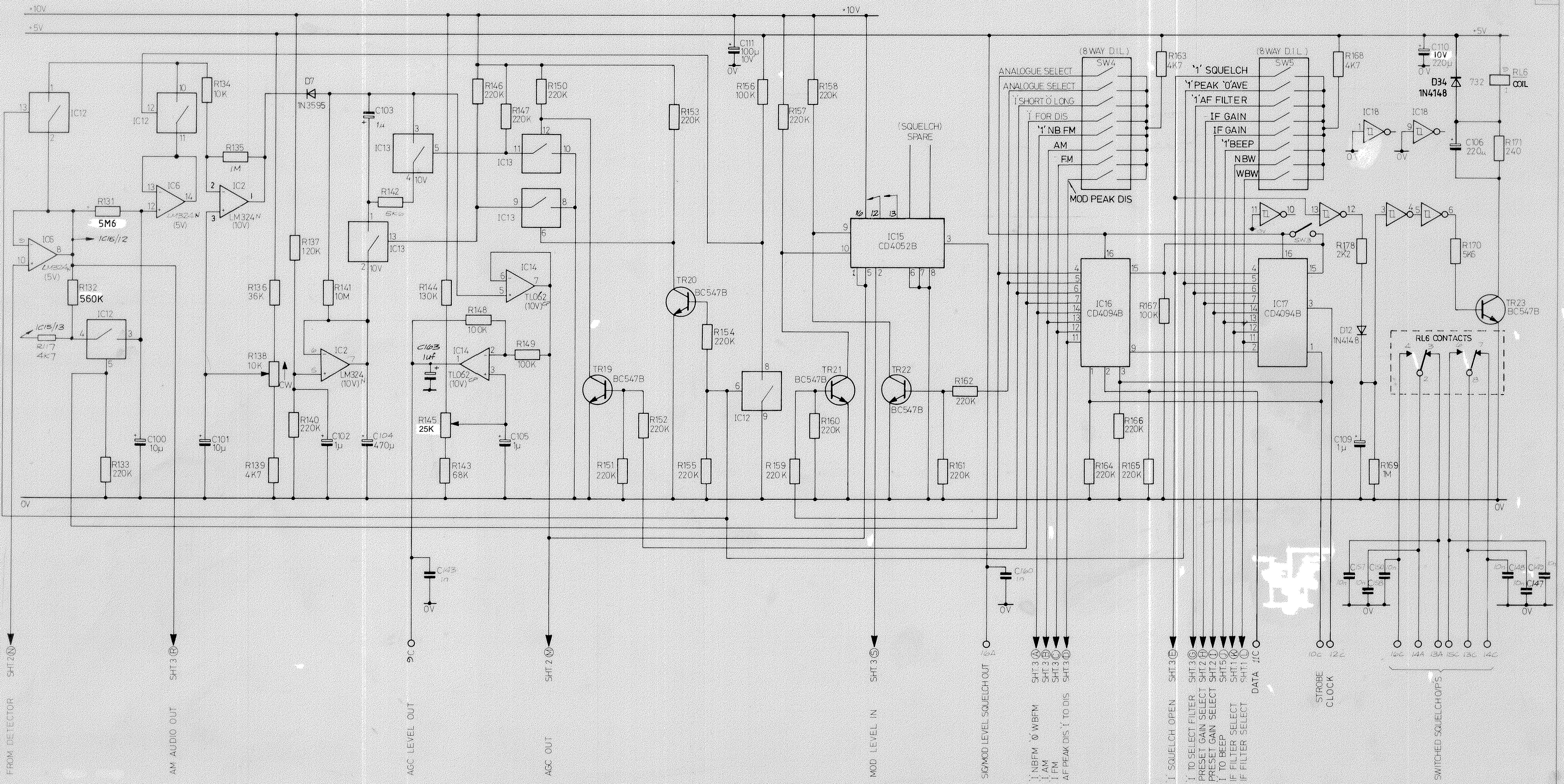
C/N 91093 & 91098	PL	11/11/91	12	CN 96
C/N 90061 & C/N 90062	RB	25/6/90	11	CN 94150
	MLP	4/5/90	10	CN 94115
C/N 89031	PLW	29/6/89	9	CN 93081
VALUE CHANGED SEE C/N	APP	13/4/89		L
			No	

34	Wm	29.3.96						
94104	R8	10.10.94	15	0206.15	Ro		28.08.02	
FACTORY ISSUE	Wm	1/61/93	14	0106.01	BDE	PS	25.07.01	
DESCRIPTION	CHKD	APPD	DATE	No.	DESCRIPTION	CHKD	APPD	DATE

DIMENSIONS IN MILLIMETRES		TITLE FM DEMOD AF FILTER AND MOD LEVEL DETECTOR CIRCUIT DIAGRAM	
TOLERANCES UNLESS OTHERWISE STATED			
DIMS. TO 2 DEC PLACES ± 0.1	SCREW THREADS		
DIMS. TO 1 DEC PLACE ± 0.2	B.A. 10 B.S. 93 NORMAL		
DIMS. WITHOUT DEC PLACE ± 0.4	UNIFIED TO B.S. 1580		
HOLE DIAMETER +0.15 -0	ISO METRIC TO B.S. 3643 Pt. 1 2 or 3		
ANGULAR ± 0°30'	THIRD ANGLE PROJECTION	USED ON	QTY/UNIT
		GPR 40	

will'tek

DRAWING No. 361984 S  
~~C1-2070~~ SHT. 3 -5



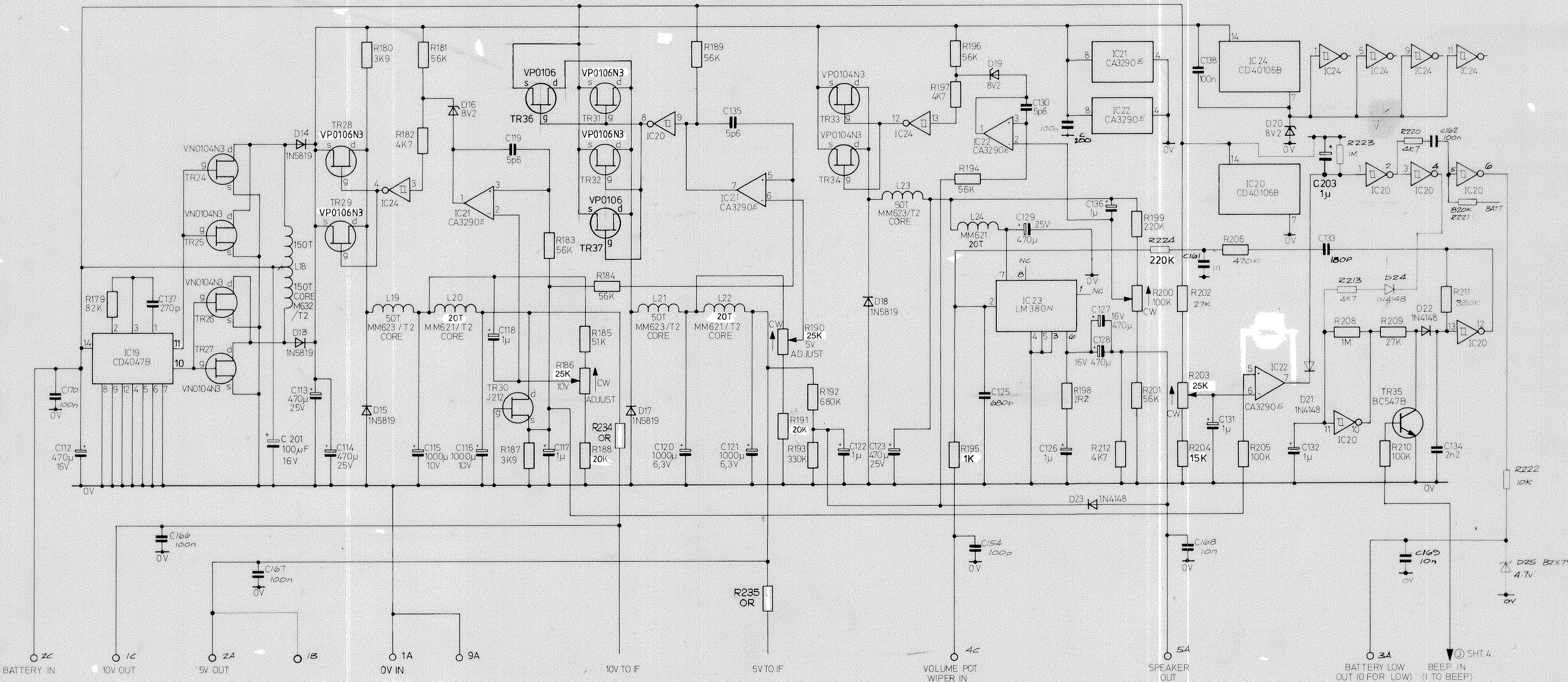
3	C/N 87042	87082 & 89005	D	DU	2/2/88
2	C/N 87073			(1)	20/10/87
1			RB		1/87
A FIRST ISSUE					10/86
		DESCRIPTION		CHK D/HARPT	DATE
		ALTERATIONS			

C/N 91056	C/N 91093 & 91098	R	11/11/91	12	CN 96024	RM	293.90				
C/N 89081	C/N 90061 & C/N 90062	RB	25/4/91	11	CN 94150	RB	13.10				
C/N 89077		ARP	4/5/91	10	CN 94115 & 94104	RB	101094	15	0206.15	Ro	28.08.02
C/N 89045	& C/N 89031	RW	29/4/91	9	CN 93081	NM	11/6/93	14	0106.01	BDE	PS 25.07.01
C/N 89025	VALUE CHANGES SEE C/N	ARP	13/4/88		FACTORY ISSUE		15/6/93	13	CN 00021	KM	18.10.00
				Nº	DESCRIPTION	CHK'D APPD DATE	No.	DESCRIPTION	CHK'D APPD DATE		

DIMENSIONS IN MILLIMETRES		TITLE	
TOLERANCES UNLESS OTHERWISE STATED		AEC GENERATOR & FUNCTION SELECT CIRCUIT DIAGRAM	
MS. TO 2 DEC. PLACES ± 0.1	SCREW THREADS		
MS. TO 1 DEC. PLACE ± 0.2	B.A. TO B.S. 93 NORMAL		
MS. WITHOUT DEC. PLACE ± 0.4	UNIFIED TO B.S. 1580		
LE. DIAMETER ± 0.15 = 0	ISO METRIC TO B.S. 3643 PT. 1, 2 or 3	USED ON	QTY/UNIT
REGULAR ± 0.30	THIRD ANGLE PROJECTION	GPR 40	

will'tek

DRAWING No. 361 984 S  
~~C1-2070~~ SHT. 4 - 5



CN 96034	KM	20.3.96				
CN 94150	LB	14.1.95	14	0206.15	Ro	28.08.0
CN 94115 + 94104	RB	10.10.94	14	0106.01	BDE	PS 25.07.0
CN 93081	MN	11/6/93	13	CN 00021	KM	18.10.0
FACTORY ISSUE		15/6/93	No.	DESCRIPTION	CHKD	APPD DATE

DIMENSIONS IN MILLIMETRES		TITLE IF POWER SUPPLY & AUDIO AMPLIFIER CIRCUIT DIAGRAM	
TOLERANCES UNLESS OTHERWISE STATED			
DIMS TO 2 DEC PLACES $\pm 0.1$	SCREW THREADS		
DIMS TO 1 DEC PLACE $\pm 0.2$	B.A. TO B.S. 93 NORMAL		
DIMS WITHOUT DEC PLACE $\pm 0.4$	UNIFIED TO B.S. 1580		
HOLE DIAMETER $+0.15 - 0$	ISO METRIC TO B.S. 3643 PT. 1, 2 or 3		
ANGULAR $\pm 0^{\circ}30'$	THIRD ANGLE PROJECTION	USED ON	QTY/UNIT
		GPR40	

will'tek

**DRAWING No.** 361 984 S  
~~C1-2070~~ SHT. 5 -5