

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			16	8

SEE CIRCUIT

SEE CIRCUIT

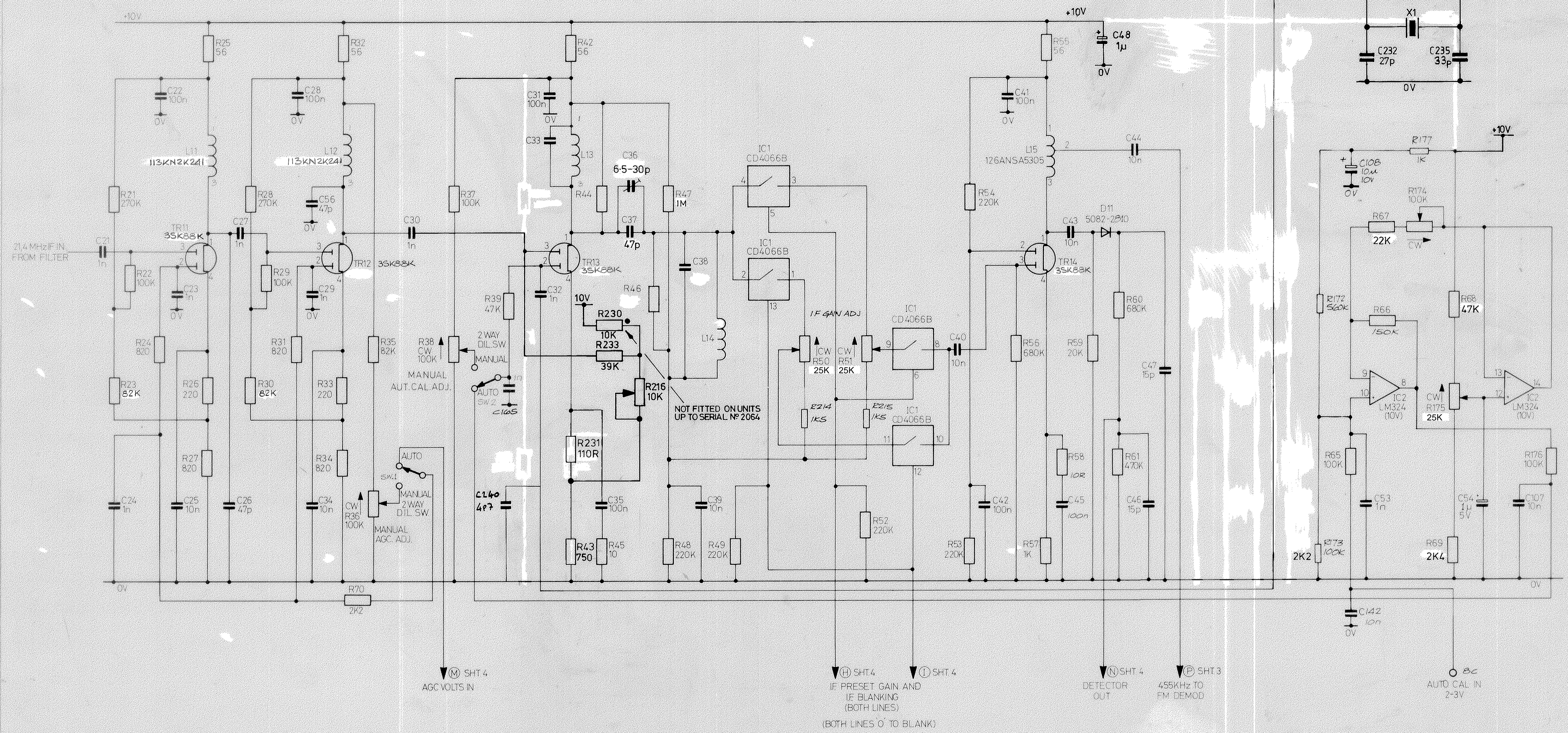
- BANDWIDTH VARIATION BRC**  
 COMPONENTS "NOT FITTED" :- R3, R9, R44, R46, C3, C11, C12, C13, C33, C38, C58, C79, C204, C212, C215, C216, C231, TR3, TR7, D3, D32, L3, L30, L31, L32, L44 & CF3.
- BANDWIDTH VARIATION CB1**  
 COMPONENTS "NOT FITTED" :- R44, R46, C11, C33, C38, C58, C79, C204.
- BANDWIDTH 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)

No.	DESCRIPTION	CHK'D	APP'D	DATE
3	C/N 87042 87082 & 89005			21/12/86
2	C/N 87073			26/12/87
1				1/87
A	FIRST ISSUE			10/86

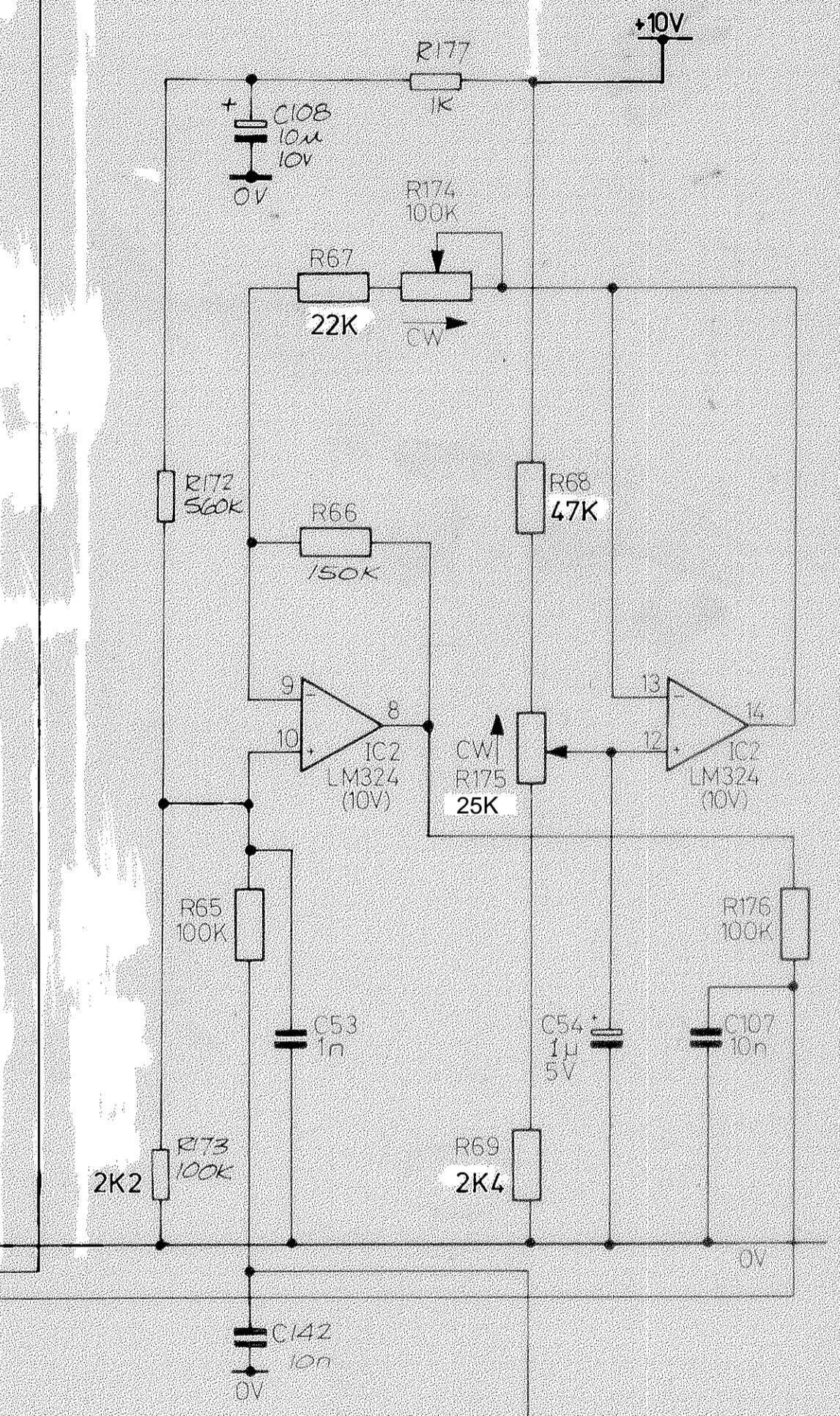
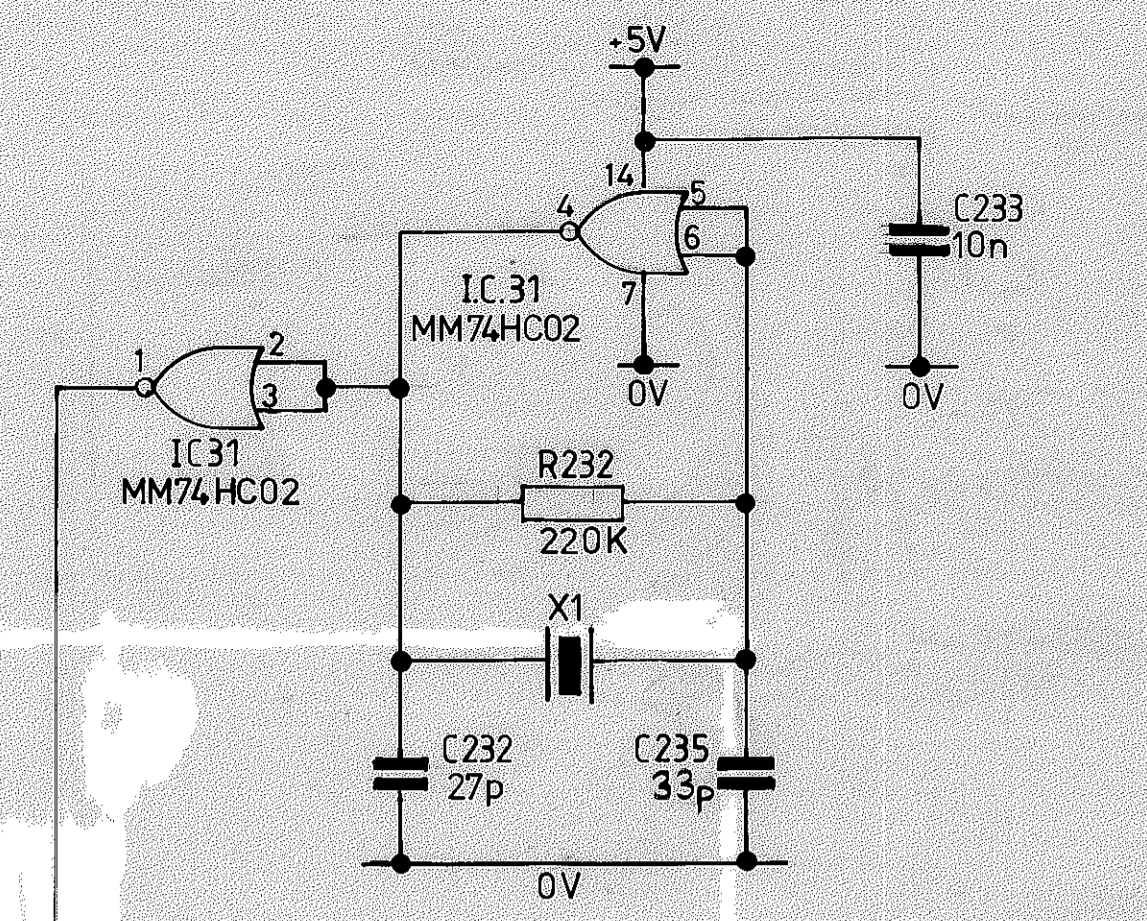
No.	DESCRIPTION	CHK'D	APP'D	DATE	No.	DESCRIPTION	CHK'D	APP'D	DATE
8	C/N 91059			1/11/87	12	C/N 96034			29.5.86
7	C/N 89081			23/10/86	11	C/N 94150			14/1/86
6	C/N 89077			23/10/86	10	C/N 94115 & 94104			10/10/85
5	C/N 89045 & C/N 89031			23/10/86	9	C/N 93081			14/1/85
4	C/N 89025			12/1/86	13	C/N 00021			18.10.00

DIMENSIONS IN MILLIMETRES		TITLE I.F.	
TOLERANCES UNLESS OTHERWISE STATED		FILTER BOARD	
DIMS TO 2 DEC. PLACES ± 0.1	SCREW THREADS	CIRCUIT DIAGRAM	
DIMS TO 1 DEC. PLACE ± 0.2	B.A. TO B.S. 93 NORMAL		
DIMS WITHOUT DEC. PLACE ± 0.4	FINISHED TO B.S. 1500		
HOLE DIAMETER ± 0.15 - 0	ISO METRIC TO B.S. 3602PT. 1, 2 & 3		
ANGULAR ± 0°30'	THIRD ANGLE PROJECTION		
<b>will'tek</b>			

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



AGC VOLTS IN (M) SHT 4  
 IF PRESET GAIN AND IF BLANKING (BOTH LINES) (H) SHT 4  
 DETECTOR OUT (N) SHT 4  
 455KHz TO FM DEMOD (P) SHT 3  
 AUTO CAL IN 2-3V (8c)



DIMENSIONS IN MILLIMETRES		TITLE AGC AMPLIFIER	
TOLERANCES UNLESS OTHERWISE STATED		2ND MIXER AND	
DIM. TO 2 DEC. PLACES ± 0.1		455 KHz AMPLIFIER	
DIM. TO 1 DEC. PLACE ± 0.2		CIRCUIT DIAGRAM	
DIM. WITHOUT DEC. PLACE ± 0.4		USED ON GPR 40	
HOLE DIAMETER ± 0.15 - 0		QTY/UNIT	
ANGULAR ± 0°30'		THIRD ANGLE PROJECTION	

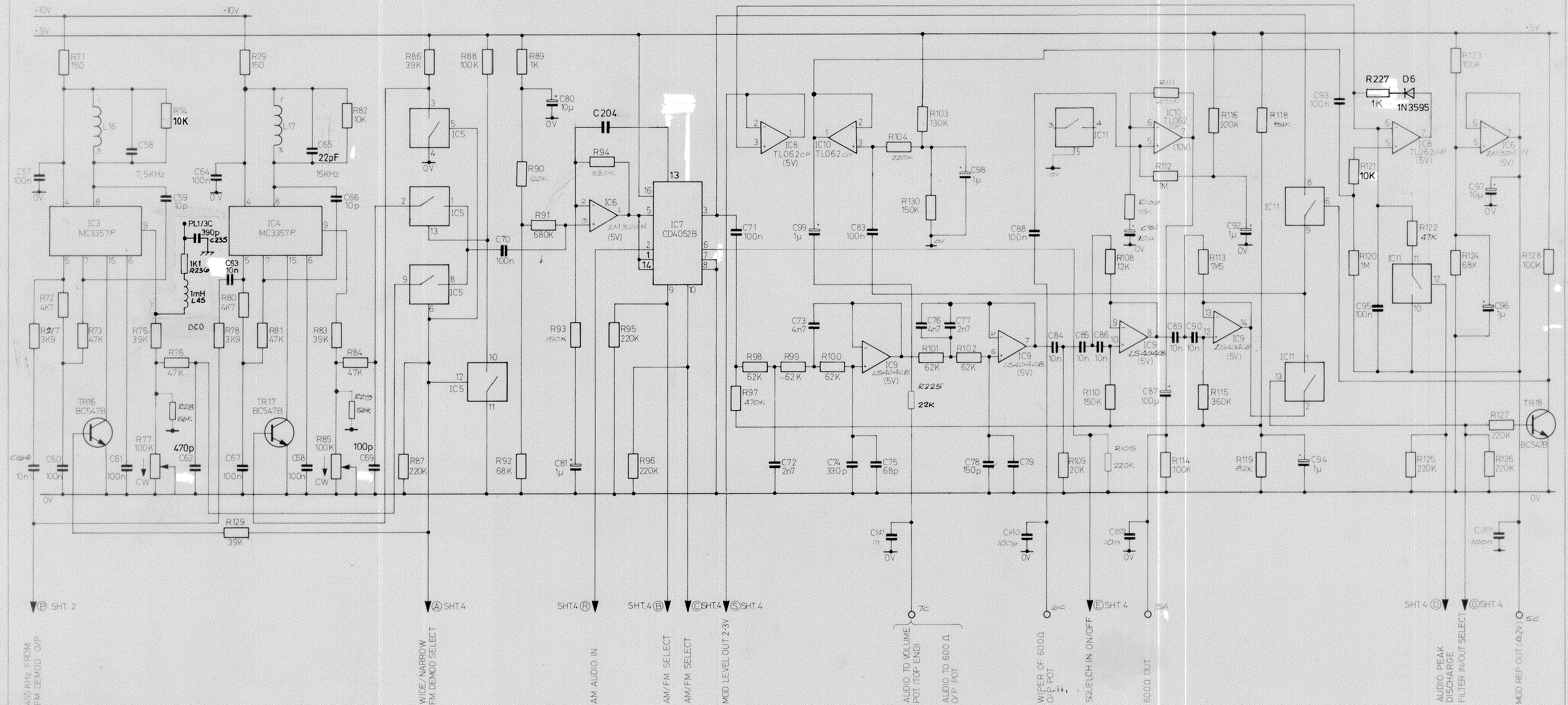
will'tek

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

No	DESCRIPTION	CHK'D	APP'D	DATE	No	DESCRIPTION	CHK'D	APP'D	DATE
8	C/N 91056			11/01	12	C/N 96034	KM		21.5.94
7	C/N 89081			25/4/90	11	C/N 91150	RB		19/1/93
6	C/N 89077			11/01	10	C/N 94115 & 94104	RB		10/10/92
5	C/N 89045 & C/N 89031			29/1/89	9	C/N 93081	RB		1/6/93
4	C/N 89025	VALUE CHANGES SEE C/N		13/1/89		FACTORY ISSUE			15/6/93

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
D. GIBBS					

DRAWING No. 361 984 S C1-2070 SHT. 2 -5



No.	DESCRIPTION	CHKD	APPD	DATE
3	C/N 87042			21/12/88
2	C/N 87073			20/10/87
1		ES		1/87
A	FIRST ISSUE			10/86

No.	DESCRIPTION	CHKD	APPD	DATE	No.	DESCRIPTION	CHKD	APPD	DATE
3	C/N 91050			11/1/81	12	CN 96034			29.3.96
7	C/N 89081			25/4/80	11	CN 94150			18.1.85
6	C/N 89077			4/9/80	10	CN 94115 & 94104			10.10.89
5	C/N 89045 & C/N 89031			29/6/80	9	CN 93081			16/1/83
4	C/N 89025			3/4/80	13	CN 00021			15/2/83

DIMENSIONS IN MILLIMETRES  
 TOLERANCES UNLESS OTHERWISE STATED  
 DIMS. TO 2 DEC. PLACES ± 0.1  
 DIMS. TO 1 DEC. PLACE ± 0.2  
 DIMS. WITHOUT DEC. PLACE ± 0.4  
 HOLE DIAMETER ± 0.15 - 0  
 ANGULAR ± 0°30'

SCREEN THREADS  
 S4 TO S6: 30 NORMAL  
 S7 TO S8: 30 NORMAL  
 S9 TO S10: 30 NORMAL  
 S11 TO S12: 30 NORMAL  
 S13 TO S14: 30 NORMAL  
 S15 TO S16: 30 NORMAL  
 S17 TO S18: 30 NORMAL  
 S19 TO S20: 30 NORMAL

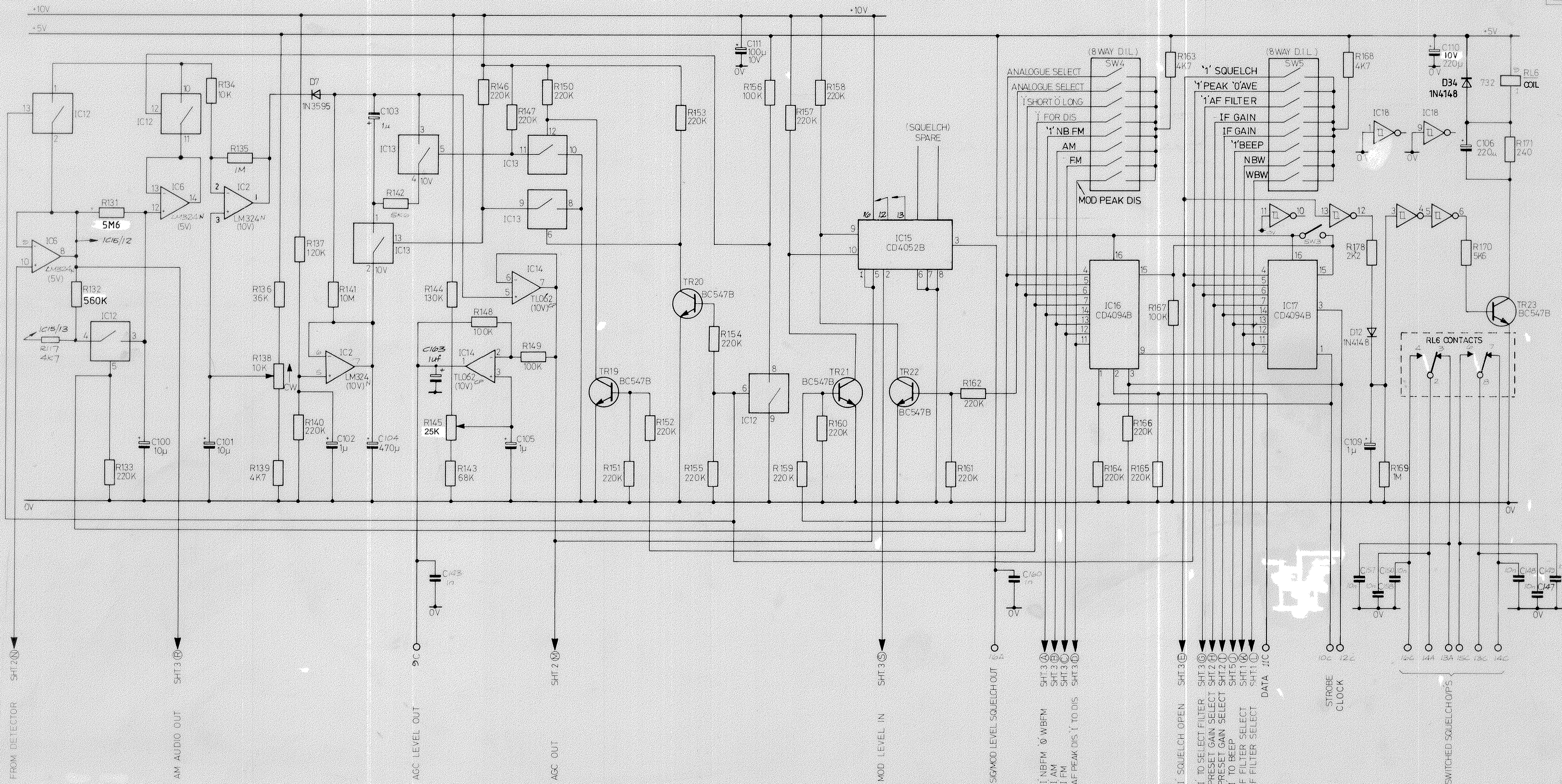
USED ON GPR 40

QTY/UNIT

**will'tek**

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
D. GIBBS					

361 984 S  
**DRAWING No. C1-2070 SHT. 3-5**



DIMENSIONS IN MILLIMETRES  
 TOLERANCES UNLESS OTHERWISE STATED  
 DIMS TO 2 DEC. PLACES ± 0.1 SCREW THREADS  
 DIMS TO 1 DEC. PLACE ± 0.2 R.A. TO B.S. 83 NORMAL  
 DIMS. WITHOUT DEC. PLACE ± 0.4 UNIFIED TO B.S. 1580  
 HOLE DIAMETER ± 0.15 - 0 ISO METRIC TO B.S. 6843 Pt. 1.2 ± 0.3  
 ANGULAR ± 0°30' THIRD ANGLE PROJECTION

TITLE  
 AEC GENERATOR  
 & FUNCTION SELECT  
 CIRCUIT DIAGRAM

USED ON  
 GPR40

QTY/UNIT

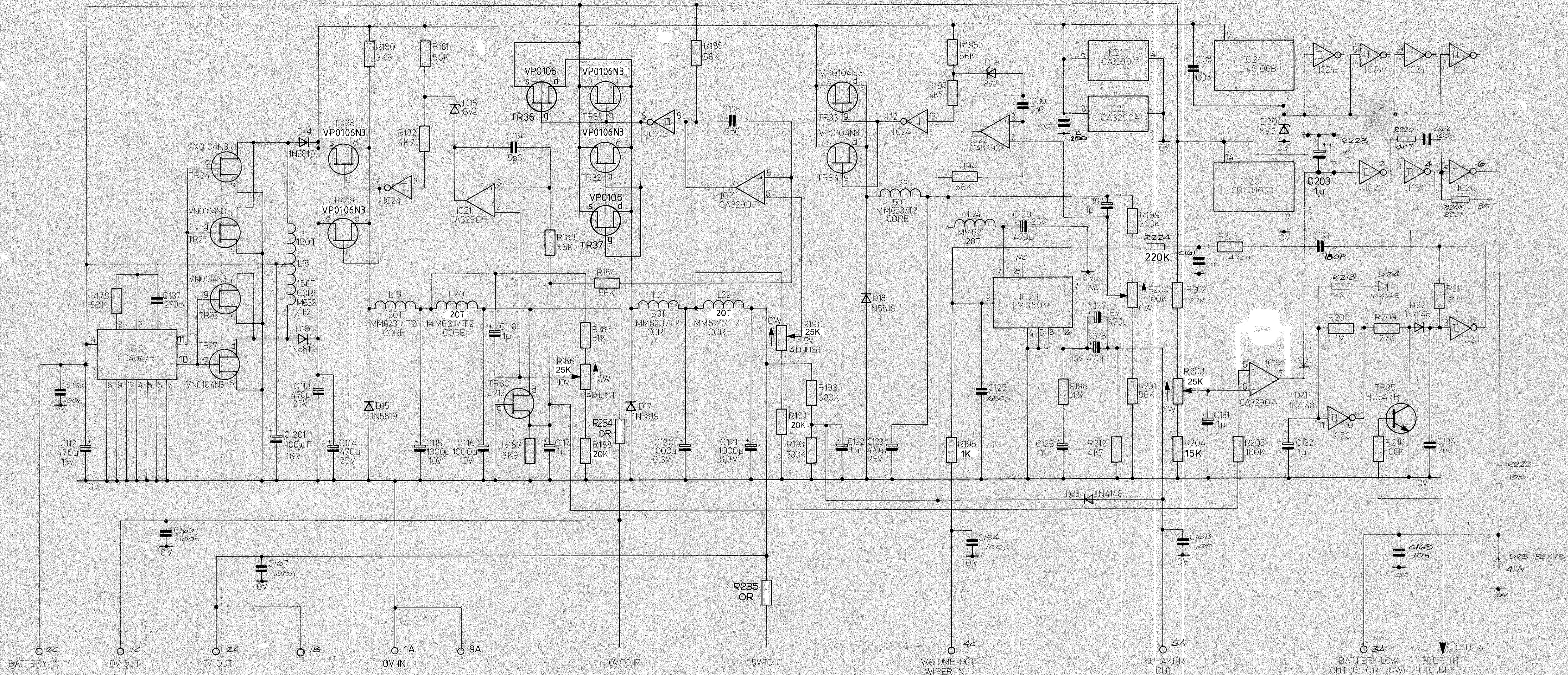
will'tek

3	C/N 87042	67082 & 89005	DUM	2/12/88
2	C/N 87073		M	20/10/87
1			RB	1/87
A	FIRST ISSUE			10/86

NO	DESCRIPTION	CHK'D	APP'D	DATE
8	C/N 91056	C/N 91033 & 91038	On	11/11/80
7	C/N 89081	C/N 90061 & C/N 90062	RB	23/4/80
6	C/N 89077		AKP	4/80
5	C/N 89045 &	C/N 89031	RB	29/10/83
4	C/N 89025	VALUE CHANGES SEE C/N	RB	17/4/80

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
D. GIBBS					

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



DIMENSIONS IN MILLIMETRES		TITLE IF
TOLERANCES UNLESS OTHERWISE STATED		POWER SUPPLY &
DIMS TO 2 DEC PLACES ± 0.1	SCREW THREADS	AUDIO AMPLIFIER
DIMS TO 1 DEC PLACE ± 0.2	EA TO BS AS NORMAL	CIRCUIT DIAGRAM
DIMS WITHOUT DEC PLACE ± 0.4	UNITED TO S.S. 1500	
HOLE DIAMETER ± 0.15 - 0	ISO METRIC TO S.S. 5643 P1.2 ± 0.3	
ANGULAR ± 0°30'	THIRD ANGLE PROJECTION	USED ON
		GFR40

**will'tek**

3	C/N 87042	87082 & 89005	RB	2/10/88
2	C/N 87073		RB	20/10/87
1			RB	1/87
A FIRST ISSUE				
ALTERATIONS				

8	C/N 91056	C/N 91093 & 91098	RB	11/11/91						
7	C/N 89081	C/N 90061 & C/N 90062	RB	3/5/90	12	CN 96034	RB	21/1/90		
6	C/N 89077		RB	2/5/89	11	CN 94150	RB	16/1/89	0206.15	Ro
5	C/N 89045 &	C/N 89031	RB	29/10/89	10	CN 94115 & 94104	RB	14/10/89	0106.01	BDE PS
4	C/N 89025	VALUE CHANGES SEE C/N	RB	12/1/89	9	CN 93081	RB	11/6/89	CN 00021	RM
					8		RB	13/6/89		
					7		RB	13/6/89		
					6		RB	13/6/89		
					5		RB	13/6/89		
					4		RB	13/6/89		
					3		RB	13/6/89		
					2		RB	13/6/89		
					1		RB	13/6/89		

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
D. GIBBS					
361 984 S					
DRAWING No. C1-2070 SHT. 5-5					