



PT 5664

Digital & Analog Component/ Composite WFM



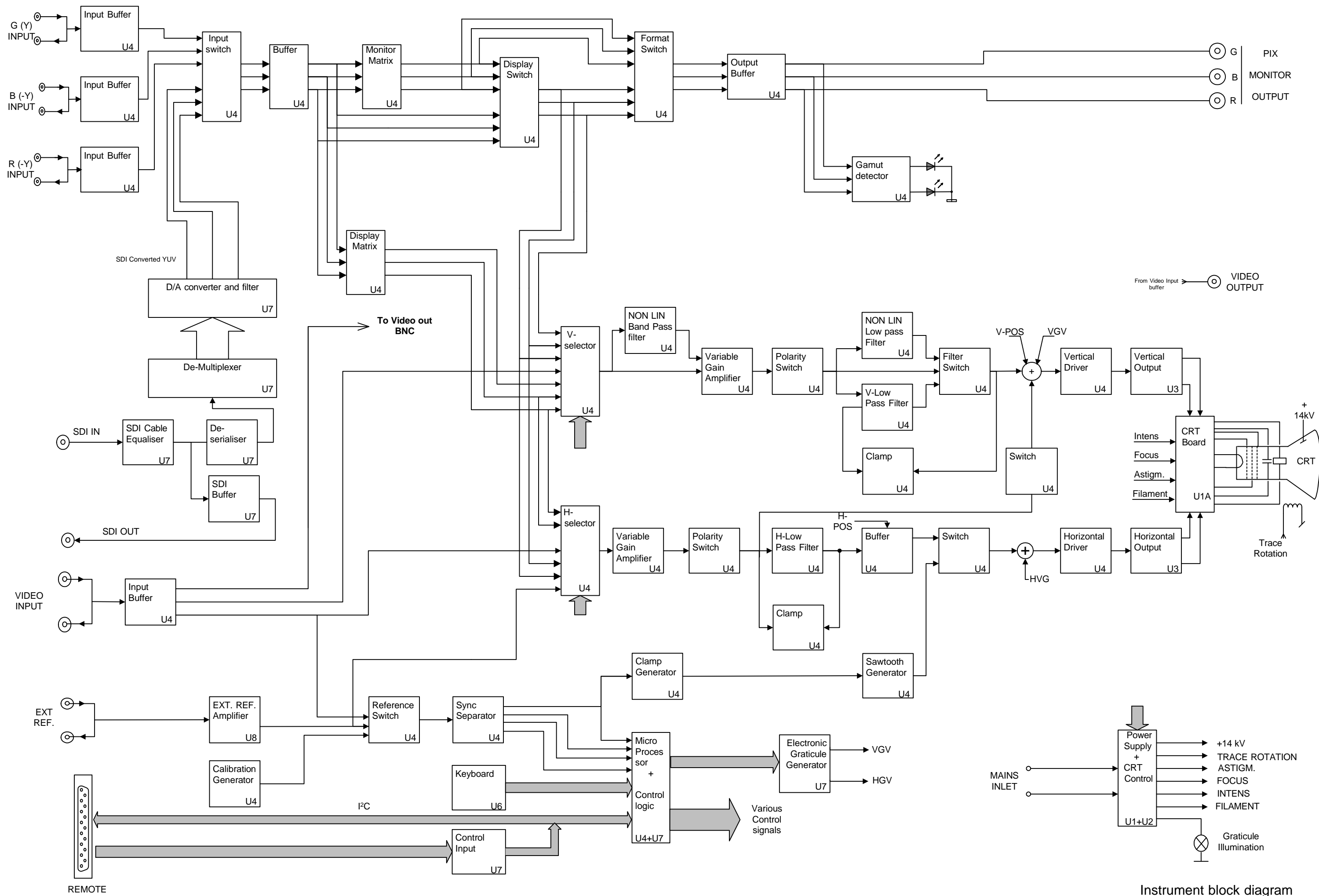
Service Manual – section 2:

Diagrams and component placements

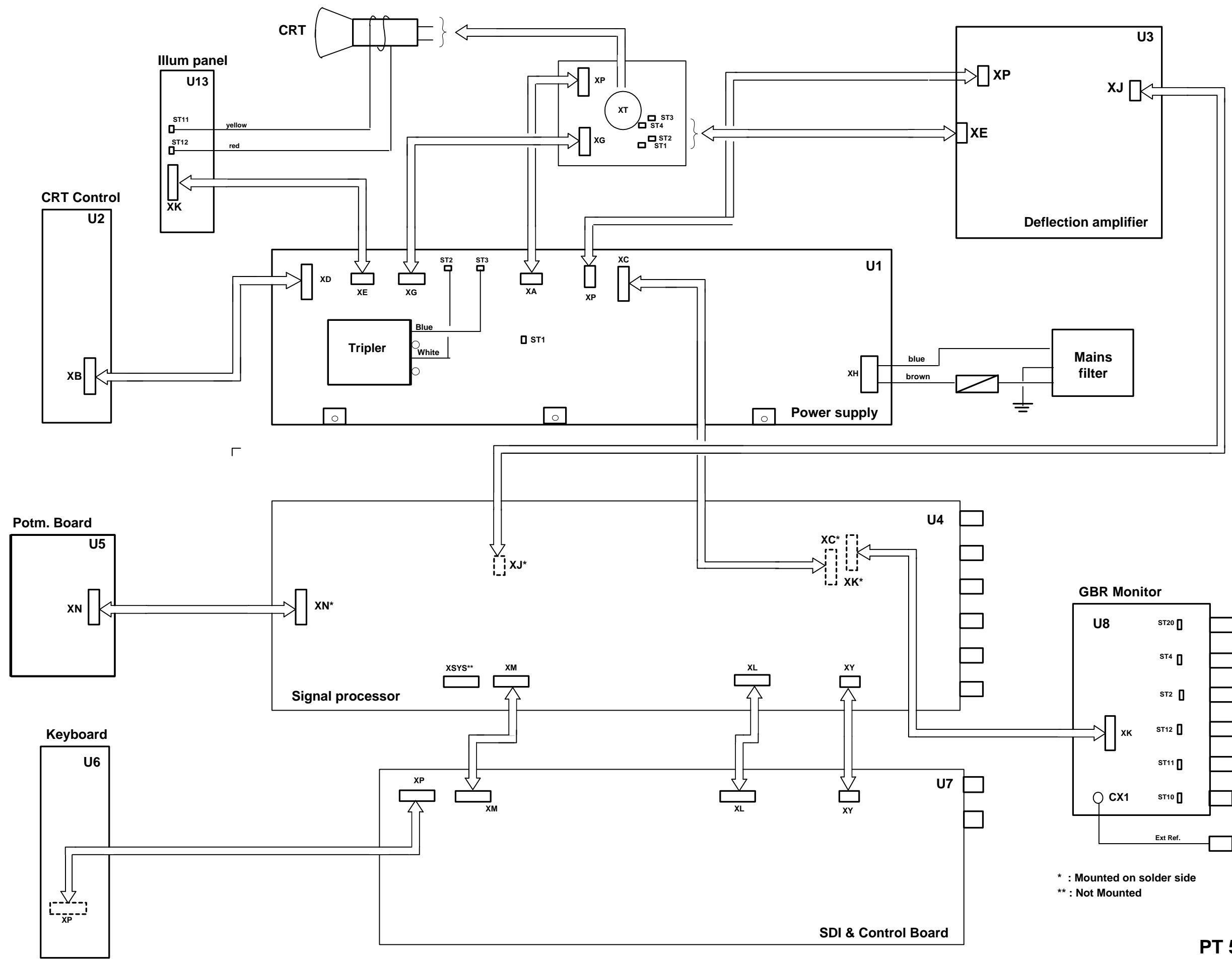
Diagrams and component placement.

Note: Diagrams are assembled in a sequence as below:

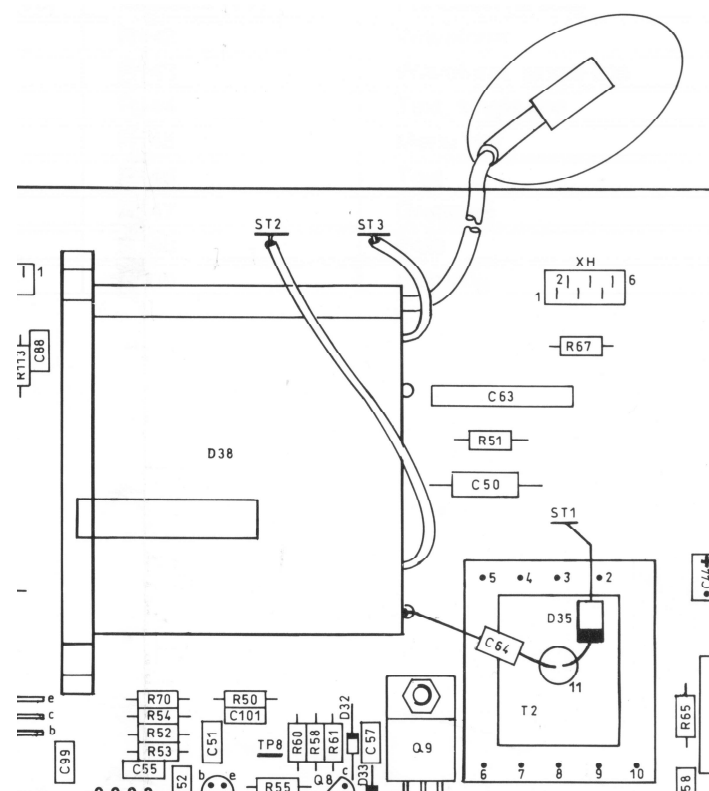
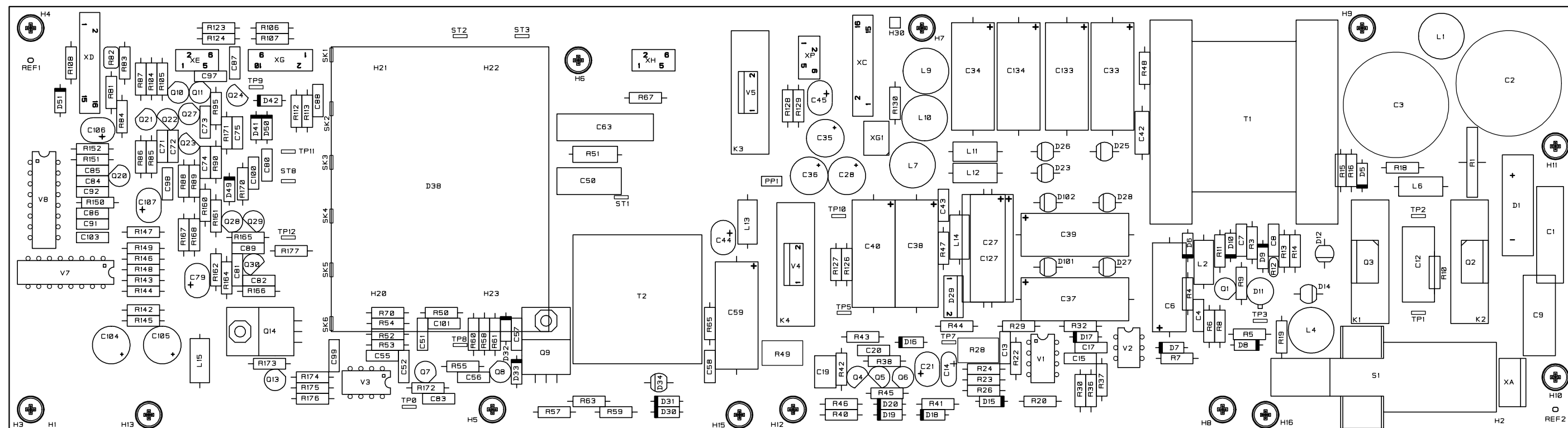
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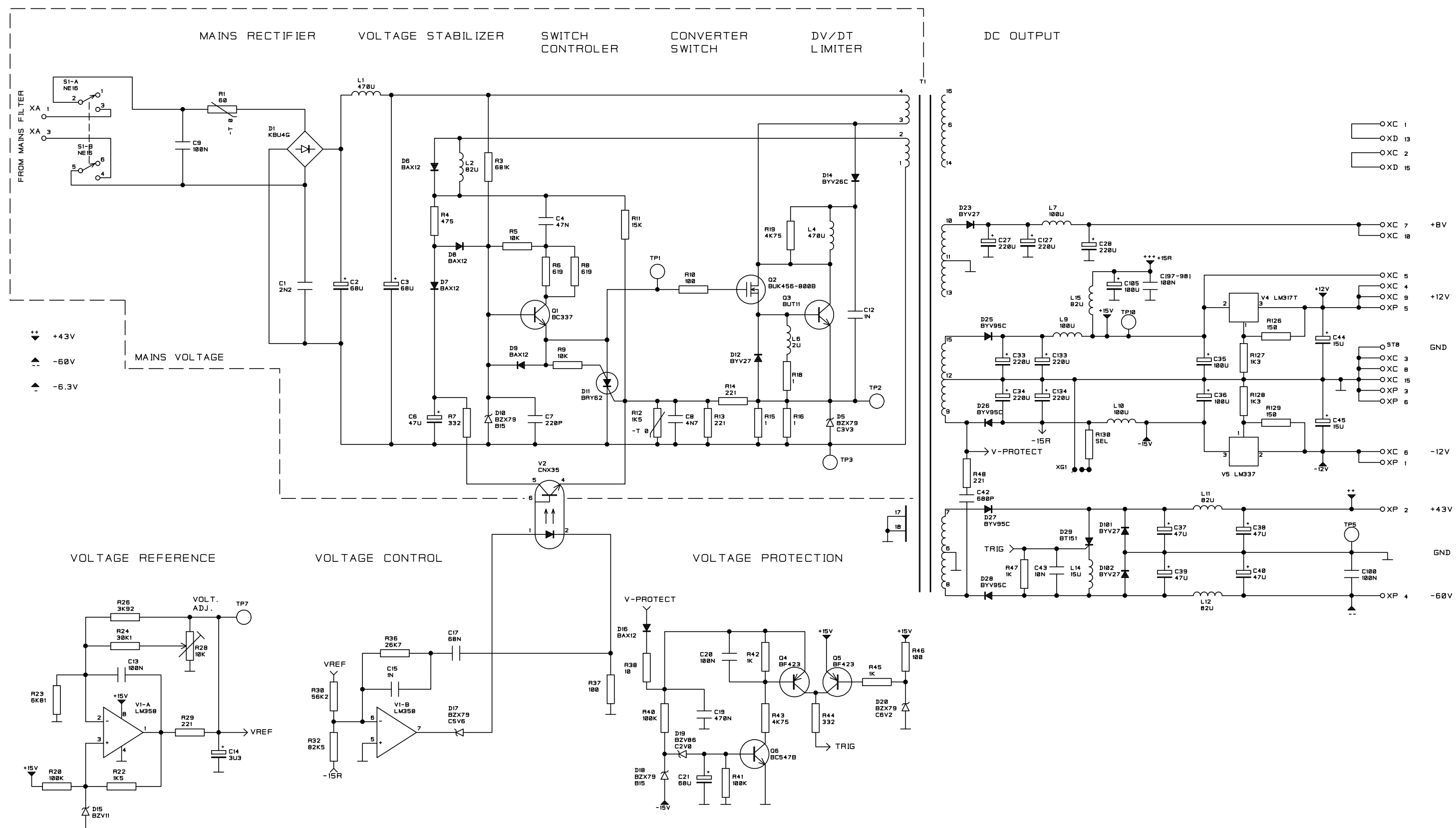
Instrument block diagram



PT 5664 Wiring Diagram

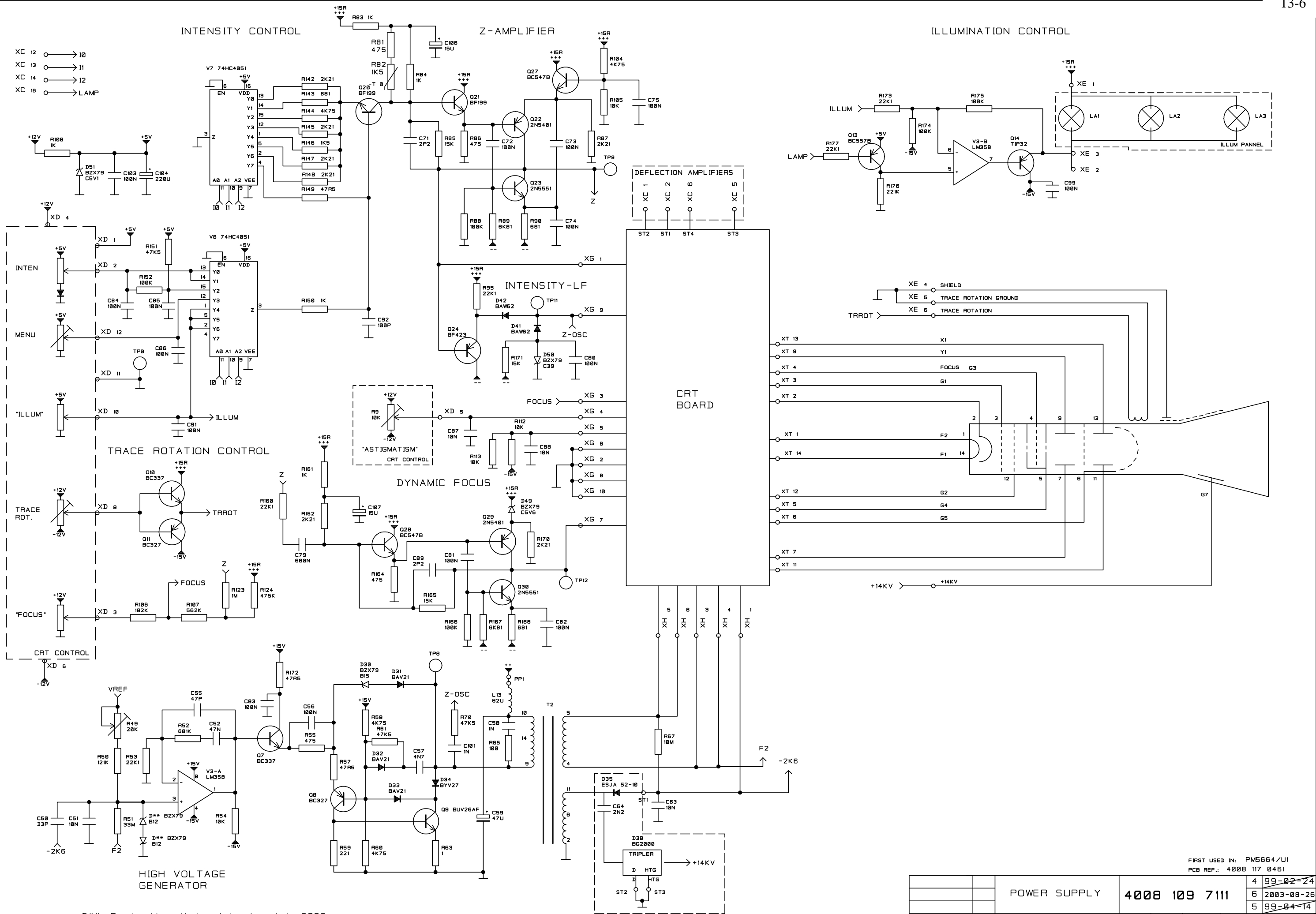


Tripler connection



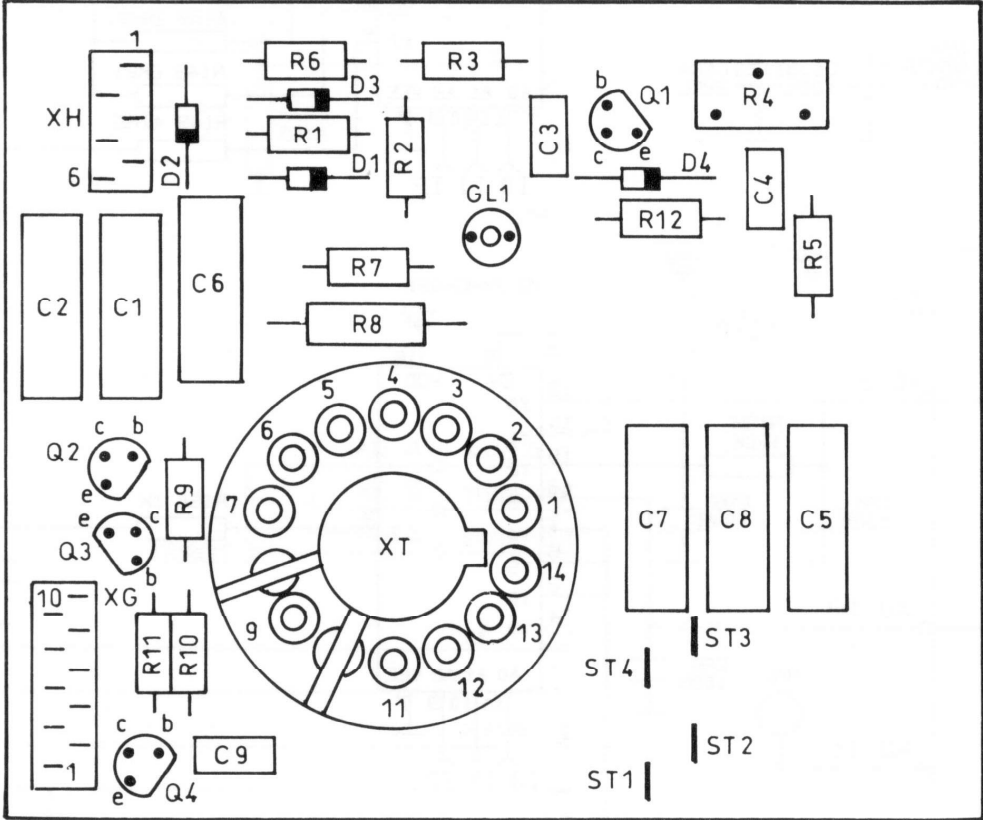
FIRST USED IN: PM5664/U1
PCB REF.: 4008 117 0461

						FLB REF.: 4008 109 7111		4008 109 7111	
		POWER SUPPLY		4008 109 7111				4	99-02-24
								3	97-12-11
								3	95-01-10
CHECK:		NAME: SML/ML/SRJ/SMa/JML				2 SH SH 130 - 1		5	99-04-14
AB 71113 SCM A 04615.PCB		KU	DK-AUDIO A/S		DK-2730 Herlev		DAT. 89-03-02		A3L

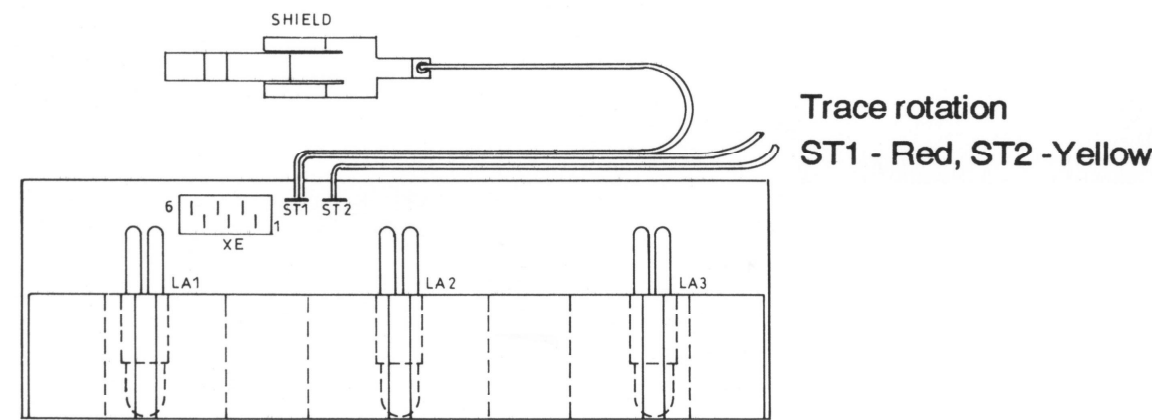


FIRST USED IN: PM5664/U1
PCB REF.: 4008 109 7111

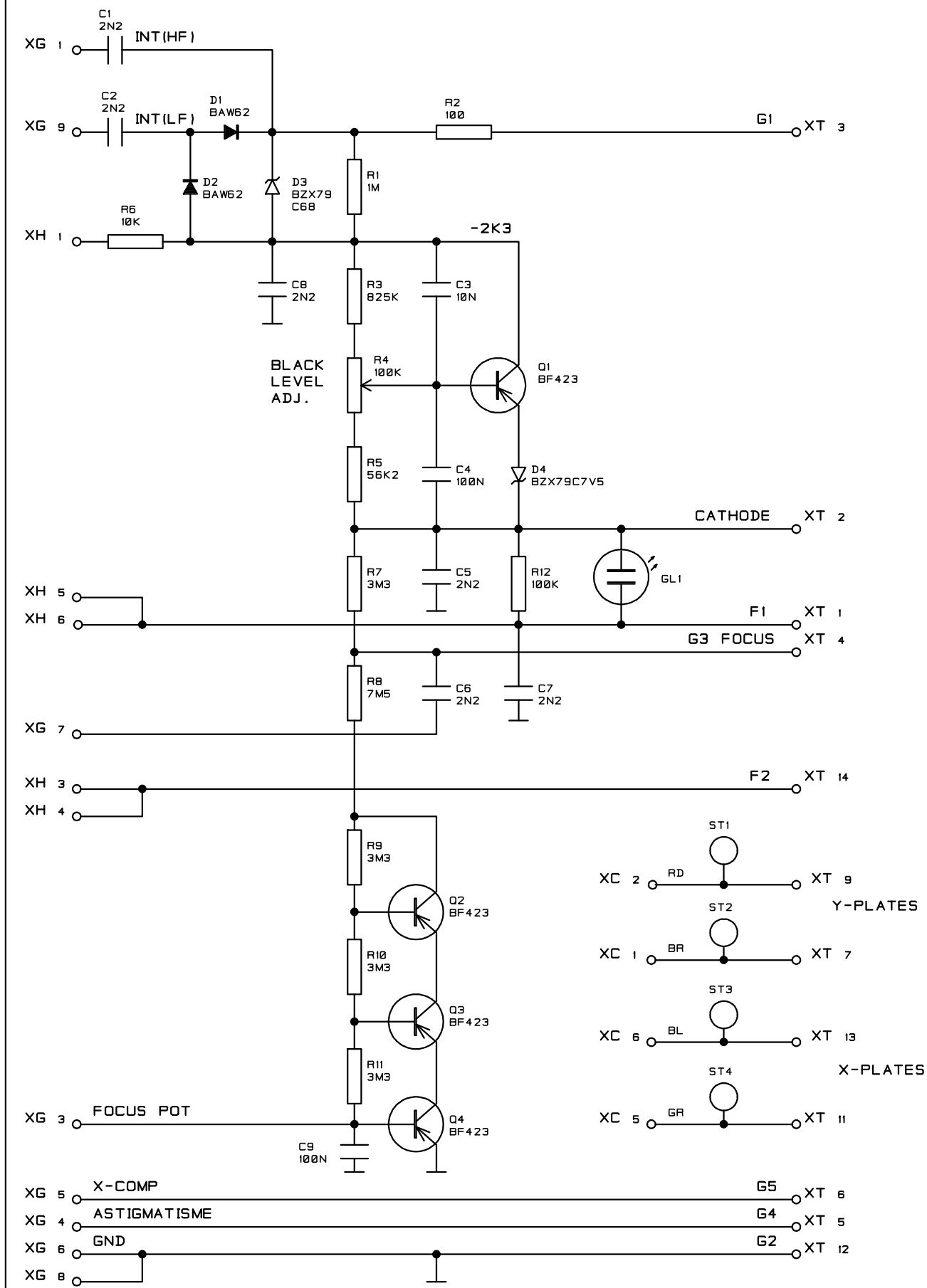
		POWER SUPPLY		4	99-02-24
		4008 109 7111		6	2003-08-26
				5	99-04-14
CHECK:	NAME: SML/JML/SMa/JML	2 SH	SH 130 - 2	3	97-11-06
BA 7115 .SCM A 04616.PCB		KU	DK-AUDIO A/S	DK-2730 Herlev	DAT. 89-03-02 A3L



UNIT 1A - CRT Board

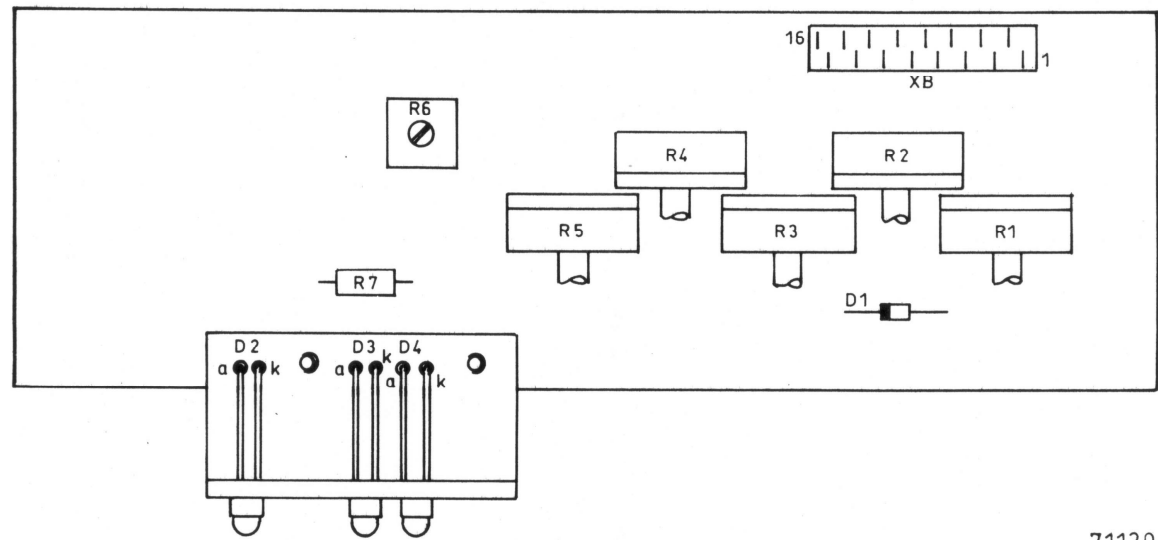


Unit 1.1 - Illum Panel



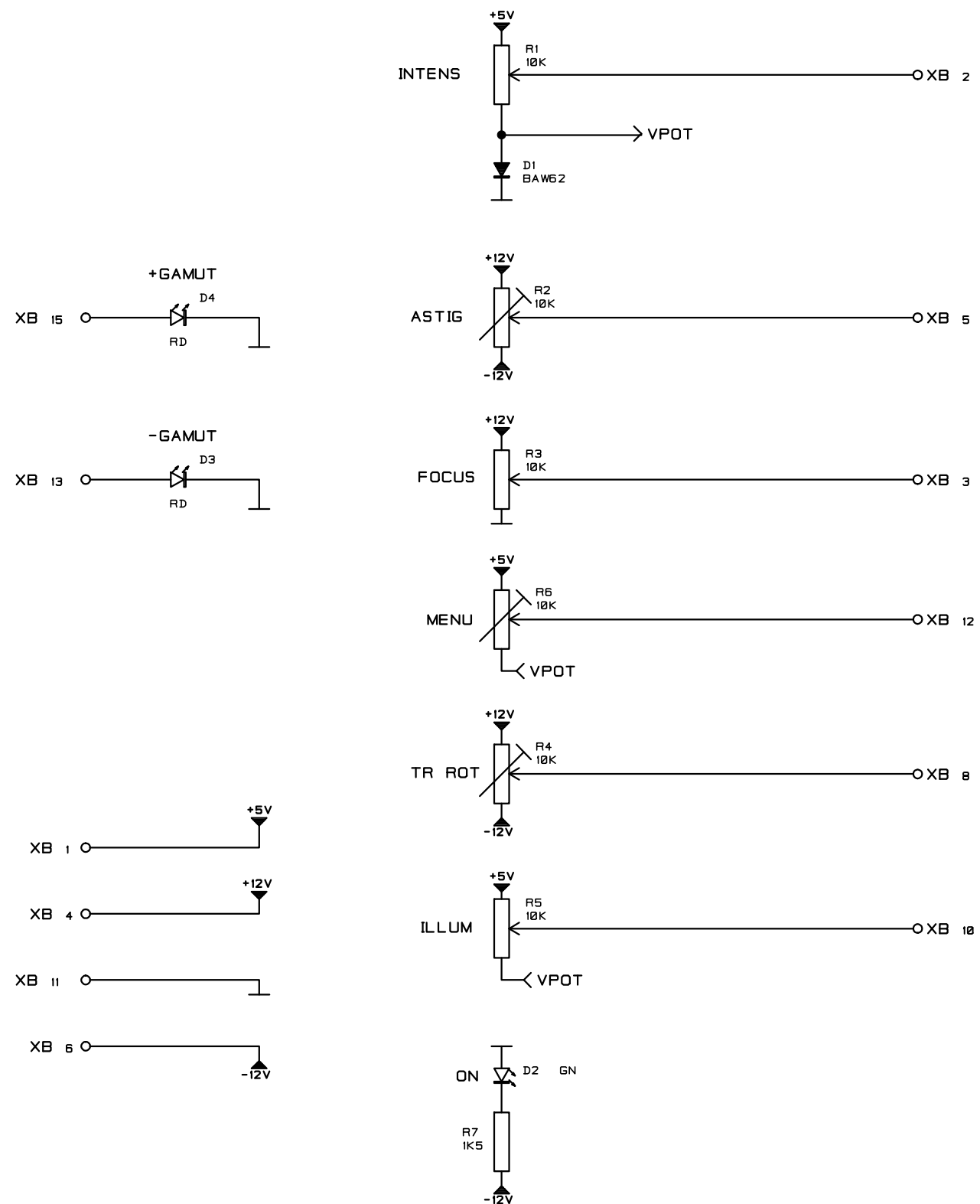
FIRST USED IN : PM5664/U1A
PCB REF.: 4008 117 0497

A	.SCM	CRT BOARD	4008 109 7157	.	89-12-11
71571	.SCM			.1	90-03-21
AM	.PCB			.1	91-06-29
04972	.PCB			.	
NAME SML/BBN /ML /SM /SRJ			1 SH SH - 130 - 1	.	
KU	DK-AUDIO DK-2730 HERLEV			DAT	89-02-27 A4H

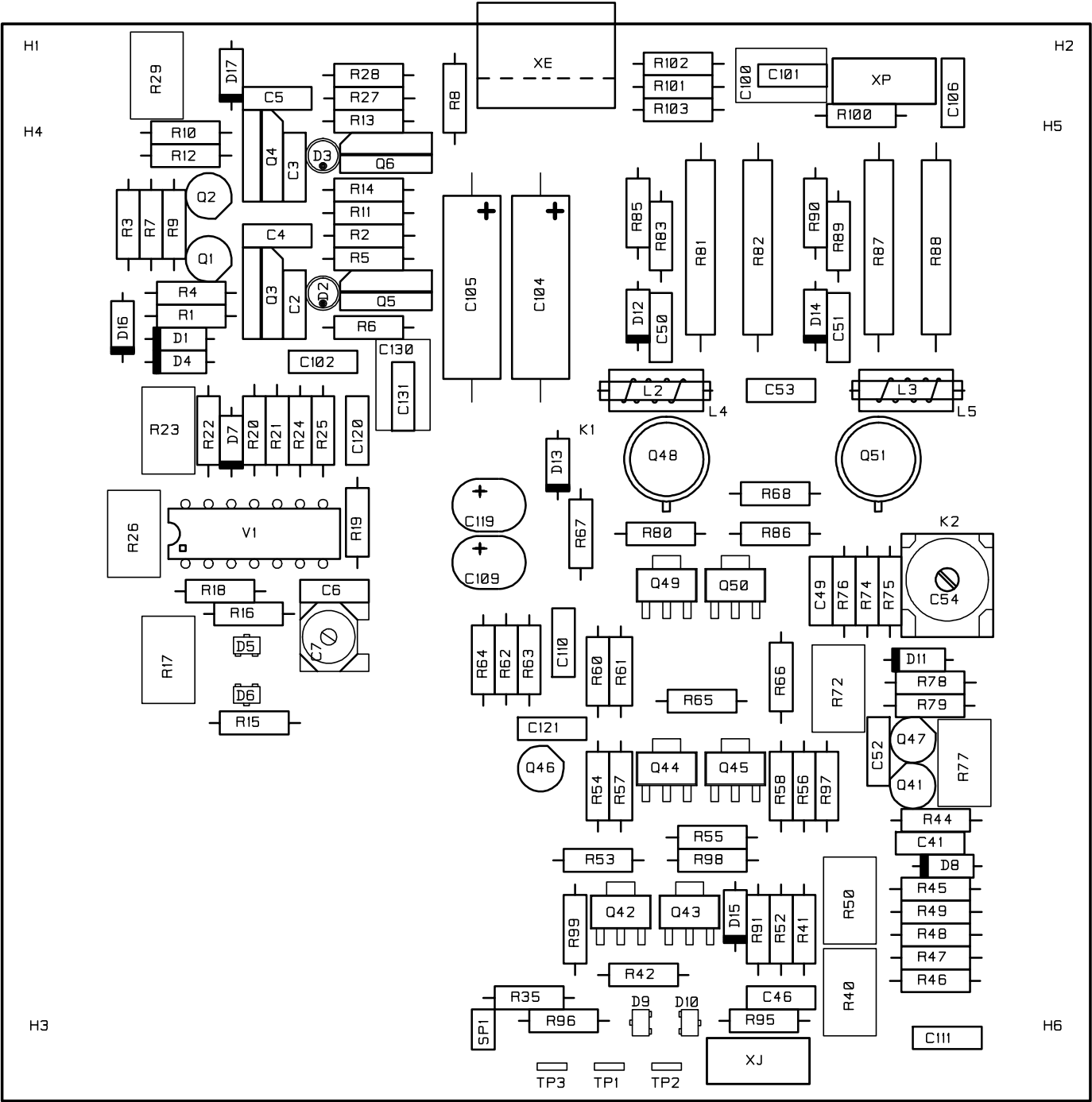


UNIT 2 - CRT control Board

71120

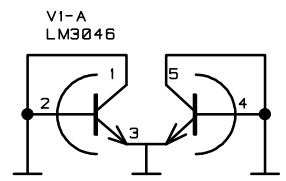
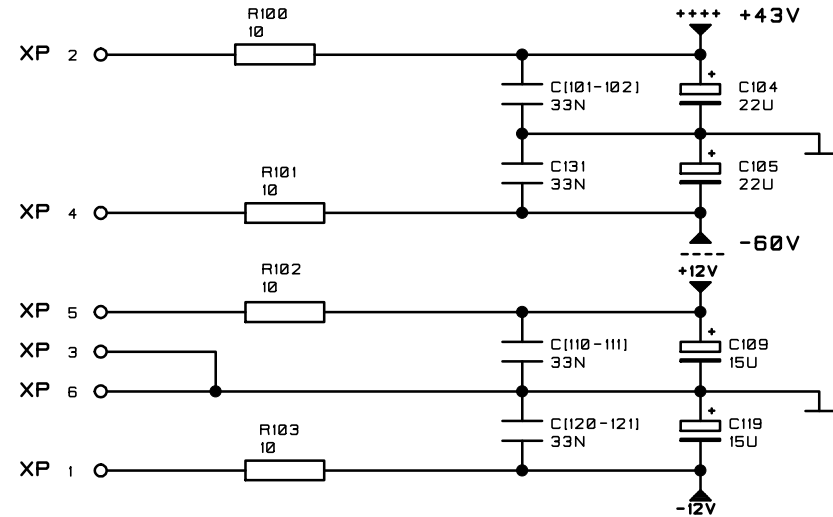
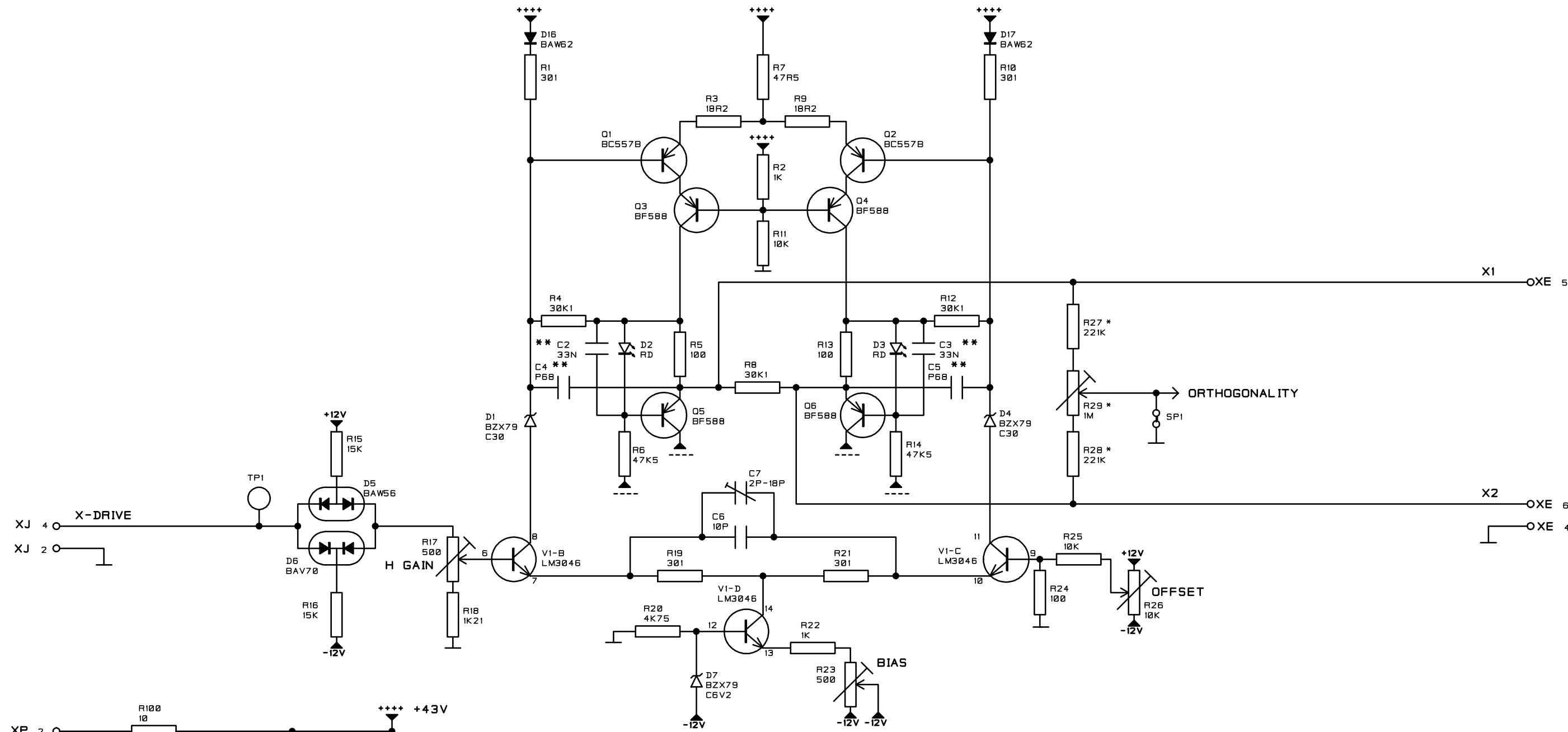


FIRST USED IN: PM5664/U2		PCB REF.: 4008 117 0462	
A	.SCM	CRT CONTROL	87-04-29
71121	.SCM		89-04-19
ABCK	.PCB		89-11-22
04621	.PCB		88-09-12
NAME	HI/PE/ML/SM/HBS/SM	1 SH SH - 130 - 1	88-09-12
KU	DK-AUDIO	DK-2730 HERLEV	DAT 86-05-22 A4H



UNIT 3 - Deflection Board

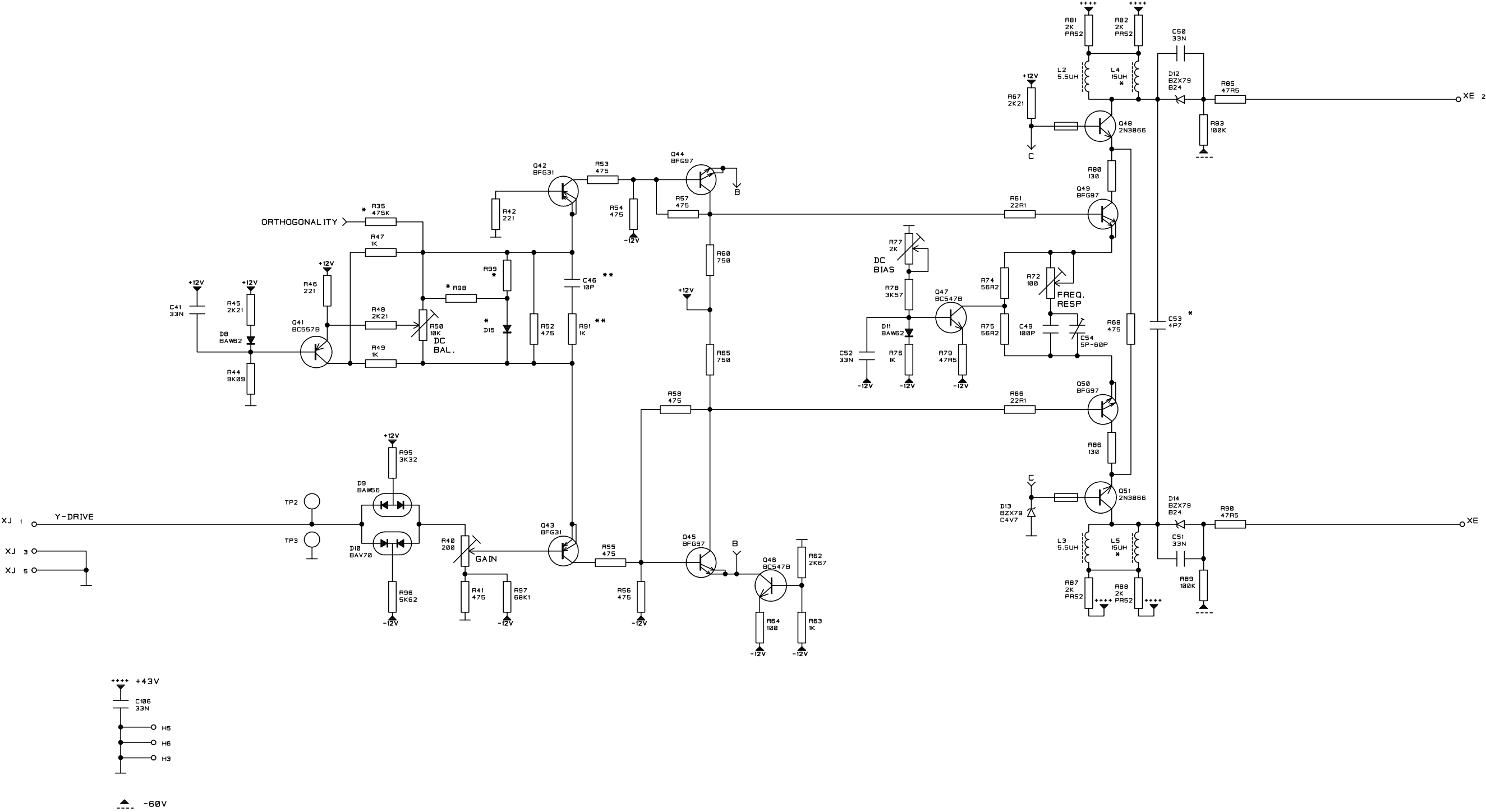
HORIZONTAL OUTPUT AMPLIFIER



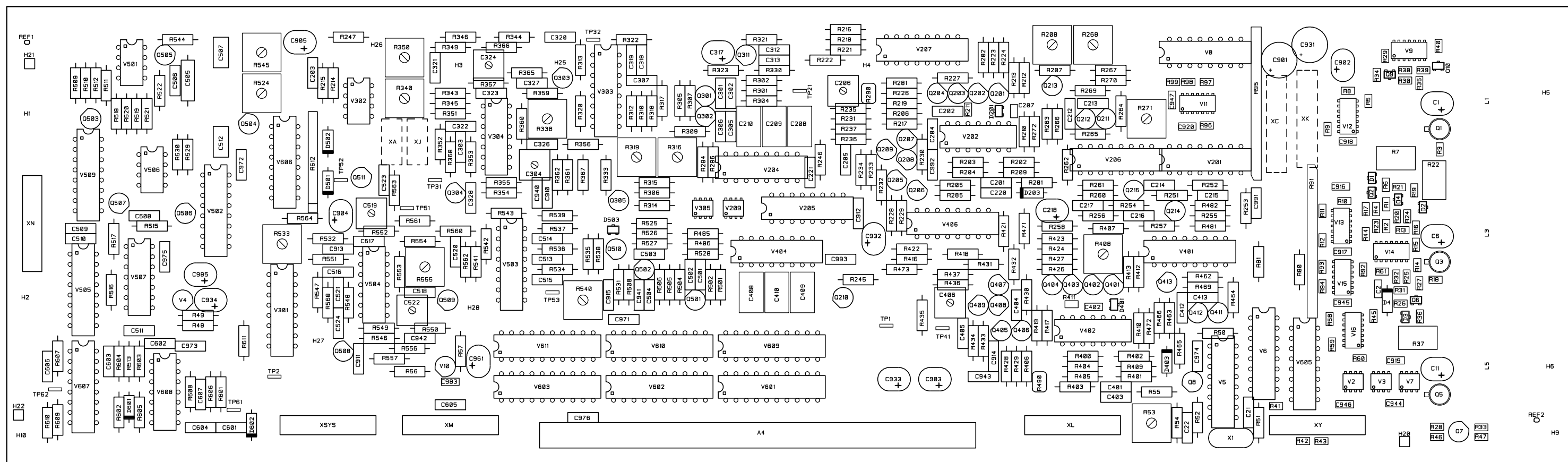
** NOT MOUNTED.
* MOUNTED IN SOME UNITS ONLY.

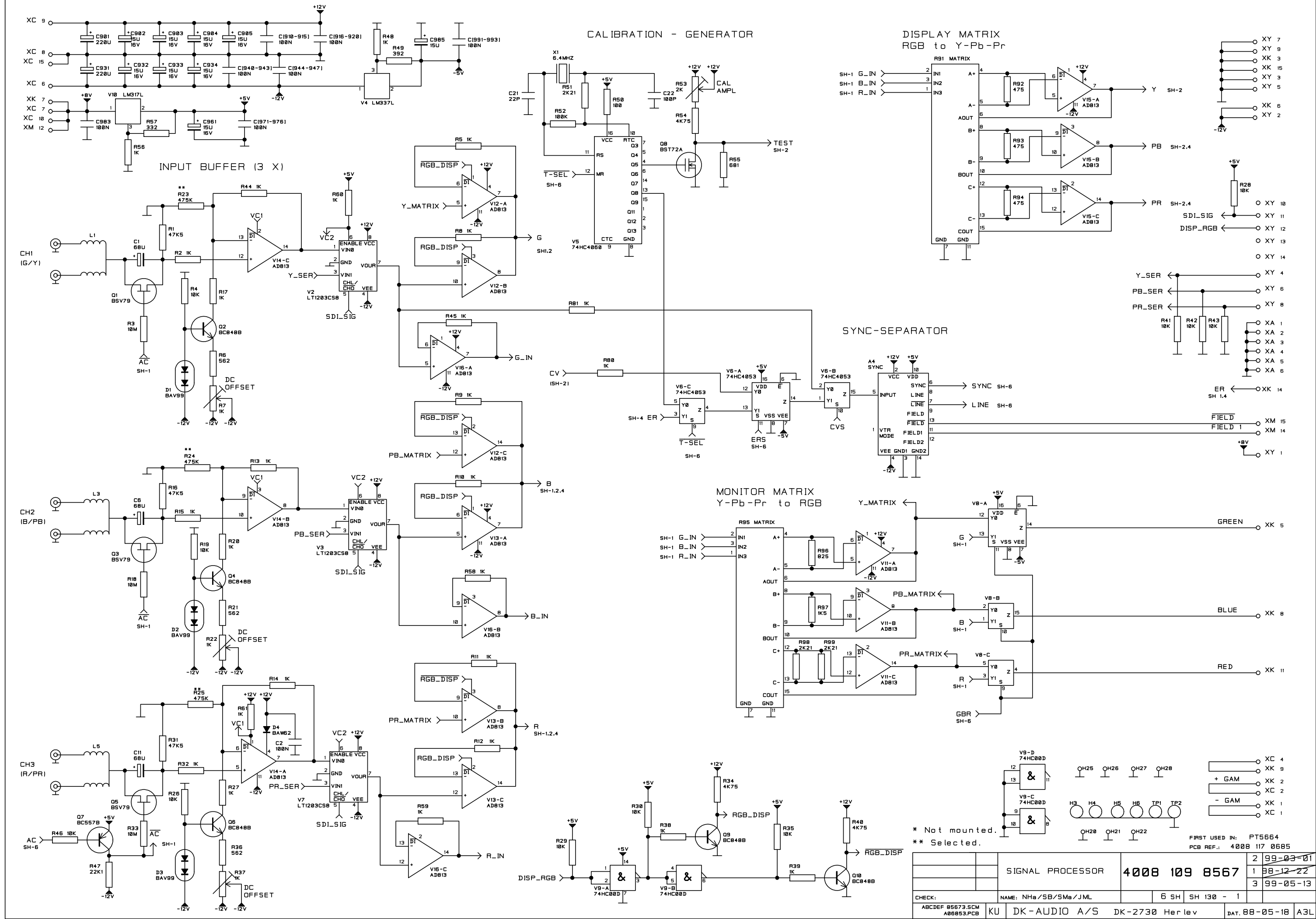
AB	.SCM	DEFLECTION	4008 109 7113	92-01-27
71131	.SCM	AMPLIFIERS		95-08-09
AM	.PCB			98-01-07
04742	.PCB			91-06-29
NAME	TD/ML /SM/SRJ/JML	2 SH	SH - 130 - 1	
KU	DK-AUDIO A/S	DK-2730 HERLEV	DAT	89-06-09 A3L

VERTICAL OUTPUT AMPLIFIER



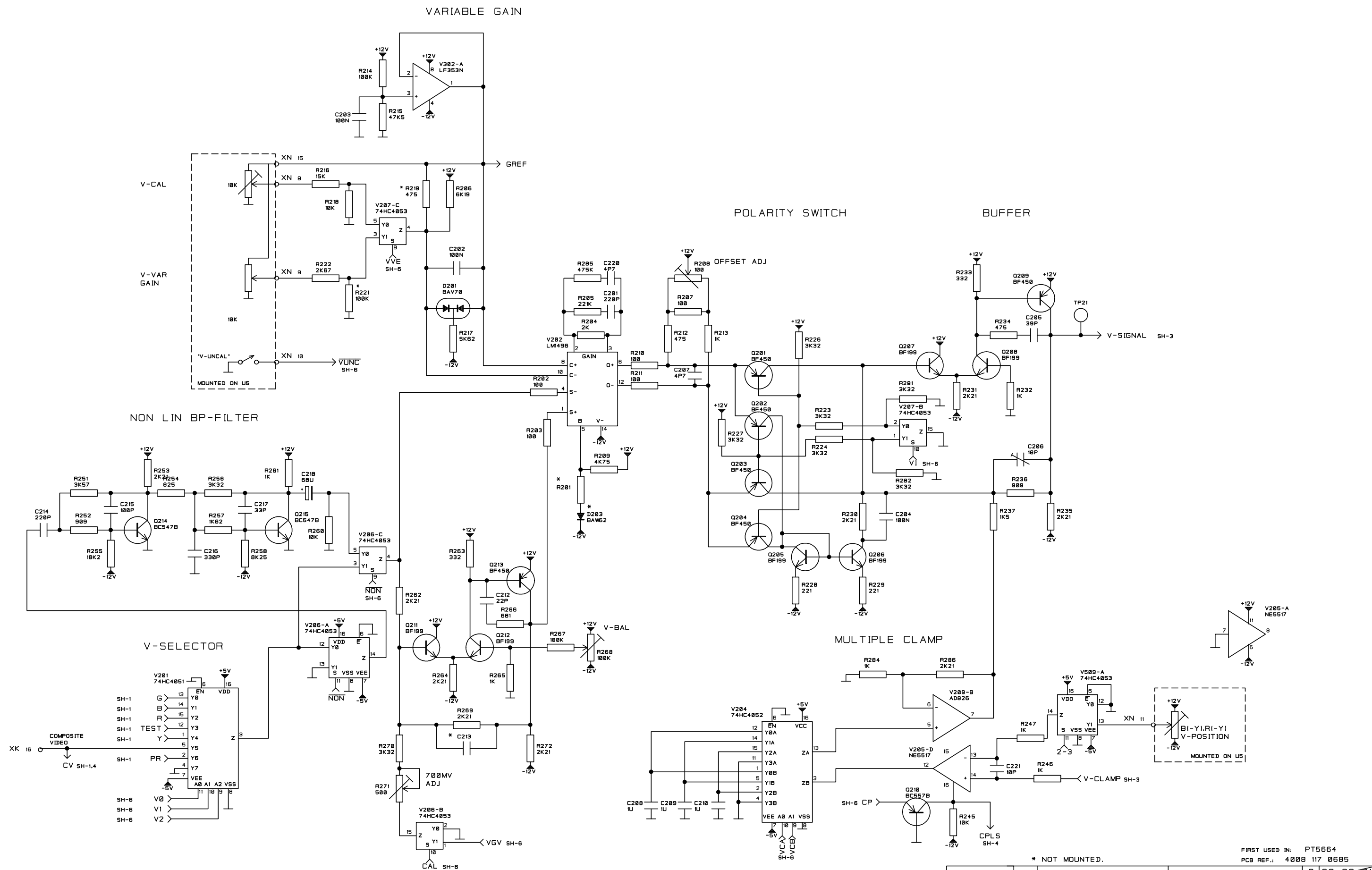
* MOUNTED IN SOME UNITS ONLY		FIRST USED IN: PM5664/U3	
** NOT MOUNTED		PCB REF.: 4008 117 0474	
BA	.SCM	DEFLECTION AMPLIFIERS	92-01-27
71131	.SCM		98-01-07
AM	.PCB		90-08-17
04742	.PCB		90-12-11
NAME TD/SM/ML/TD/SM/SRJ		2 SH SH - 130 - 2	.1
KU DK-AUDIO A/5		DK-2730 HERLEV	DAT 89-06-09 A3L





SIGNAL PROCESSOR		4008 109 8567	2 99-03-01
CHECK:		NAME: NHA/SB/5Ma/JML	1 98-12-22
ABCDEF 85673.SCM		6 SH SH 130 - 1	3 99-05-13
A06853.PCB		KU DK-AUDIO A/S DK-2730 Herlev	DAT. 88-05-18 A3L

VARIABLE GAIN

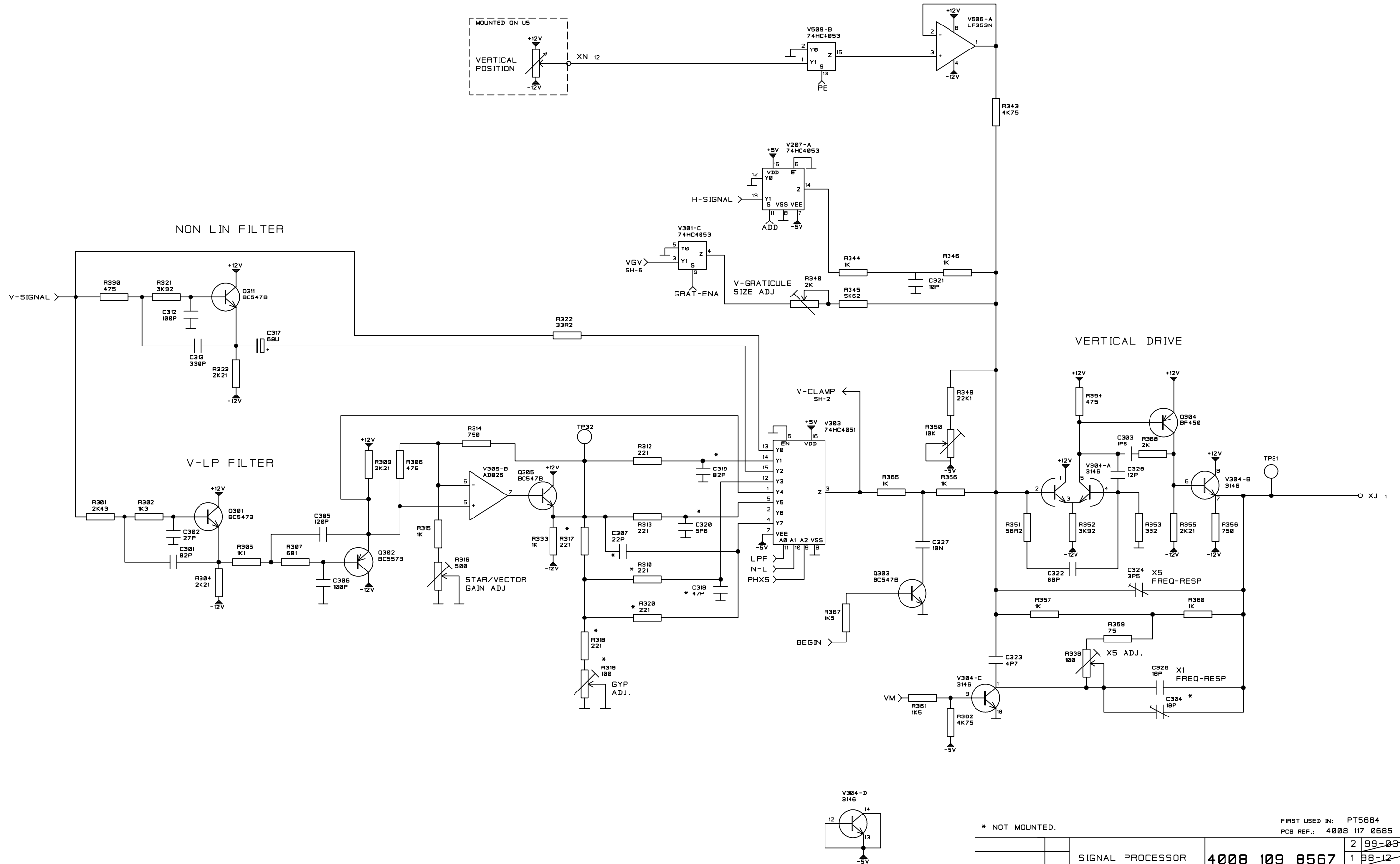


FIRST USED IN: PT5664
PCB REF.: 4008 117 0685

* NOT MOUNTED.

		SIGNAL PROCESSOR		4008 109 8567		2	99-03-01
						1	98-12-22
						3	99-05-13
CHECK:		NAME: NHa/SB//SM/JML			6 SH	SH 130 - 2	
BCDEFA 05673.5CM AB0853.PCB		KU	DK-AUDIO A/S		DK-2730 Herlev		DAT. 88-05-18
						A3L	

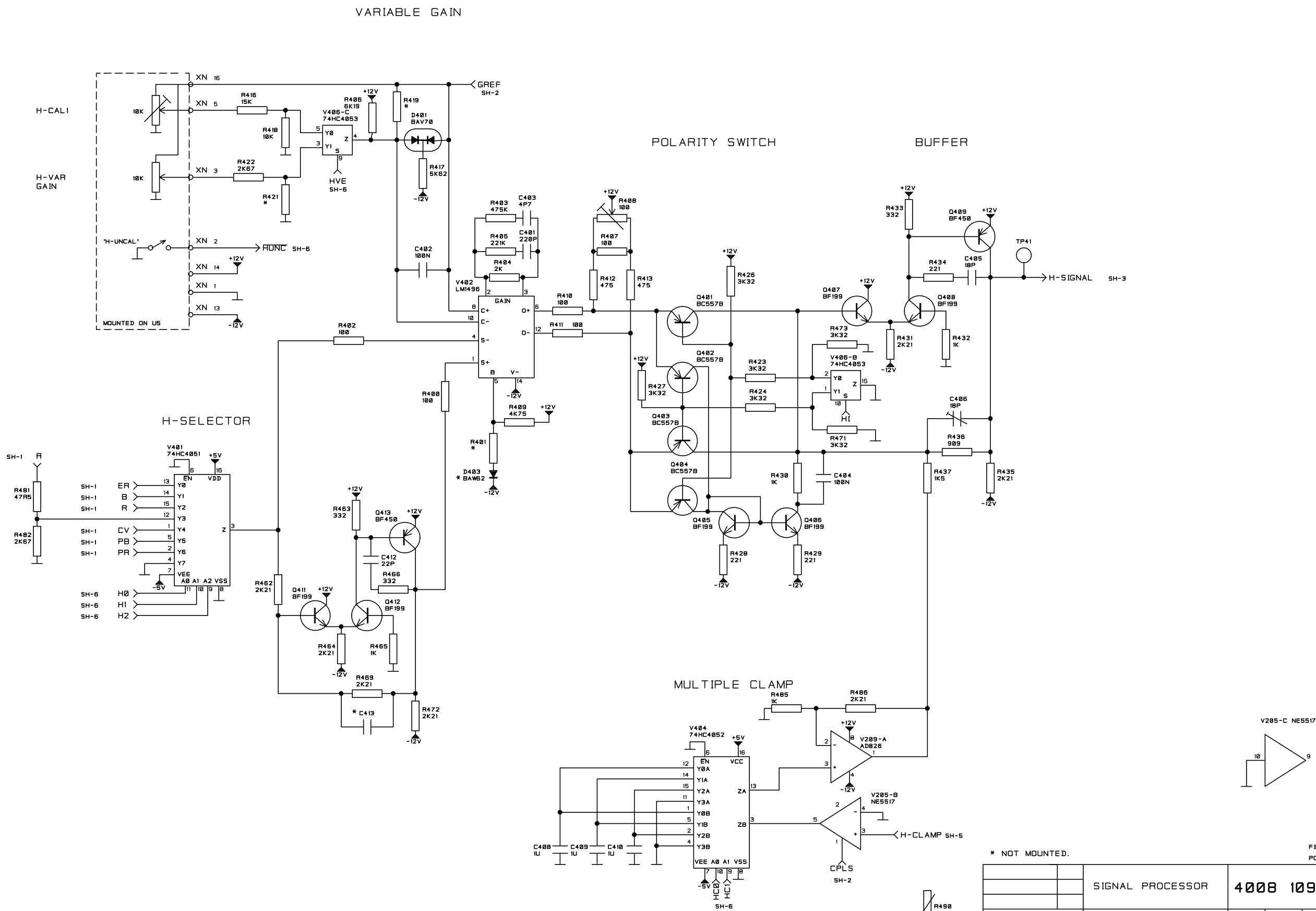
RESPONSE SWITCH



* NOT MOUNTED.

FIRST USED IN: PT5664
PCB REF.: 4008 117 0685

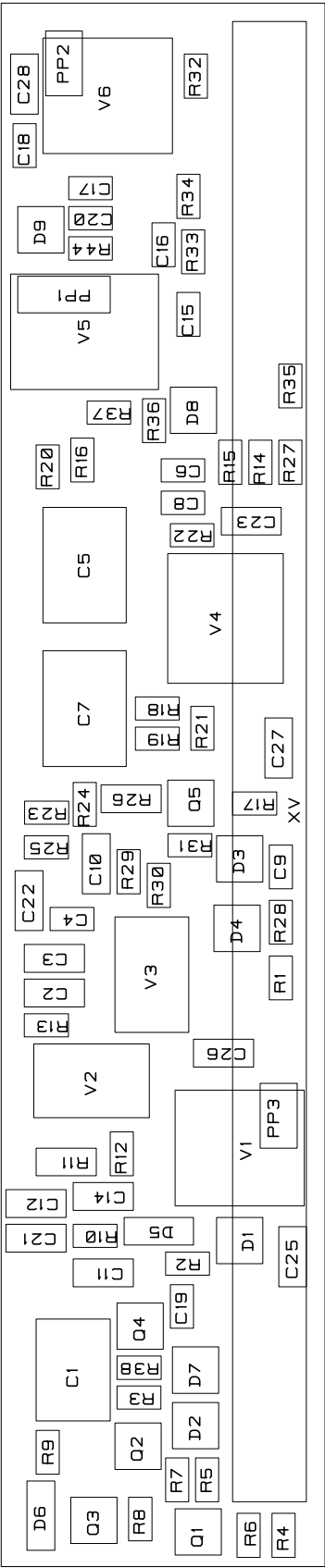
		SIGNAL PROCESSOR		4008 109 8567		2	99-03-01
						1	98-12-22
						3	99-05-13
CHECK:		NAME: NHa/SB/SMa/JML		6 SH SH 130 - 3			
CABDEF 85673.SCM A06853.PCB		KU	DK-AUDIO A/S	DK-2730 Herlev		DAT. 88-05-18	A3L



* NOT MOUNTED.

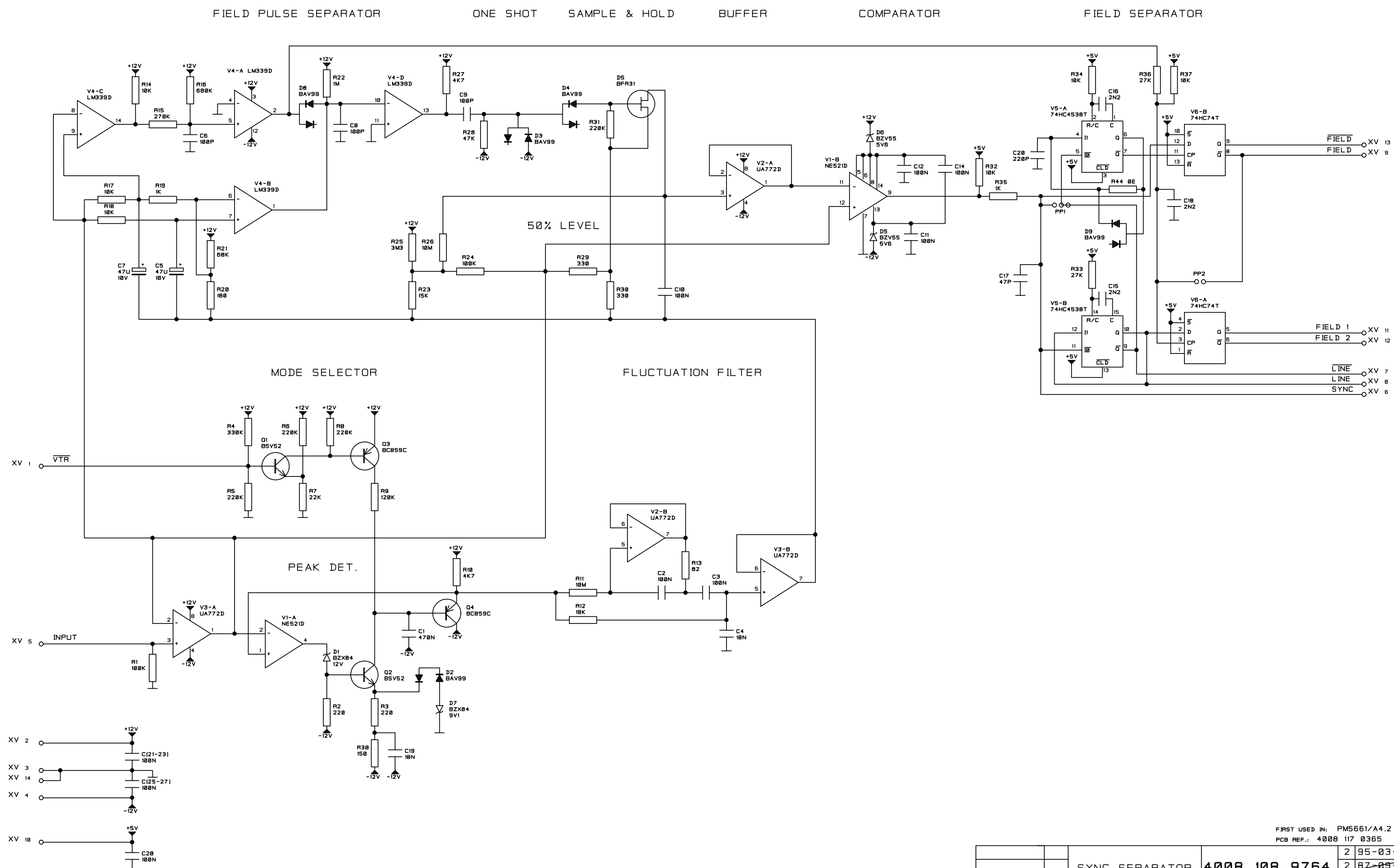
FIRST USED IN: PT5664
PCB REF.: 4008 117 0685

		2 99-03-01	
SIGNAL PROCESSOR		1 98-12-22	
4008 109 8567		3 99-05-13	
CHECK:	NAME: NHa/SB/SMa/JML	6 SH	SH 130 - 4
DEFABC 05673.SCM A06853.PCB	KU	DK-AUDIO A/S	DK-2730 Herlev
		DAT. 88-05-18	A3L



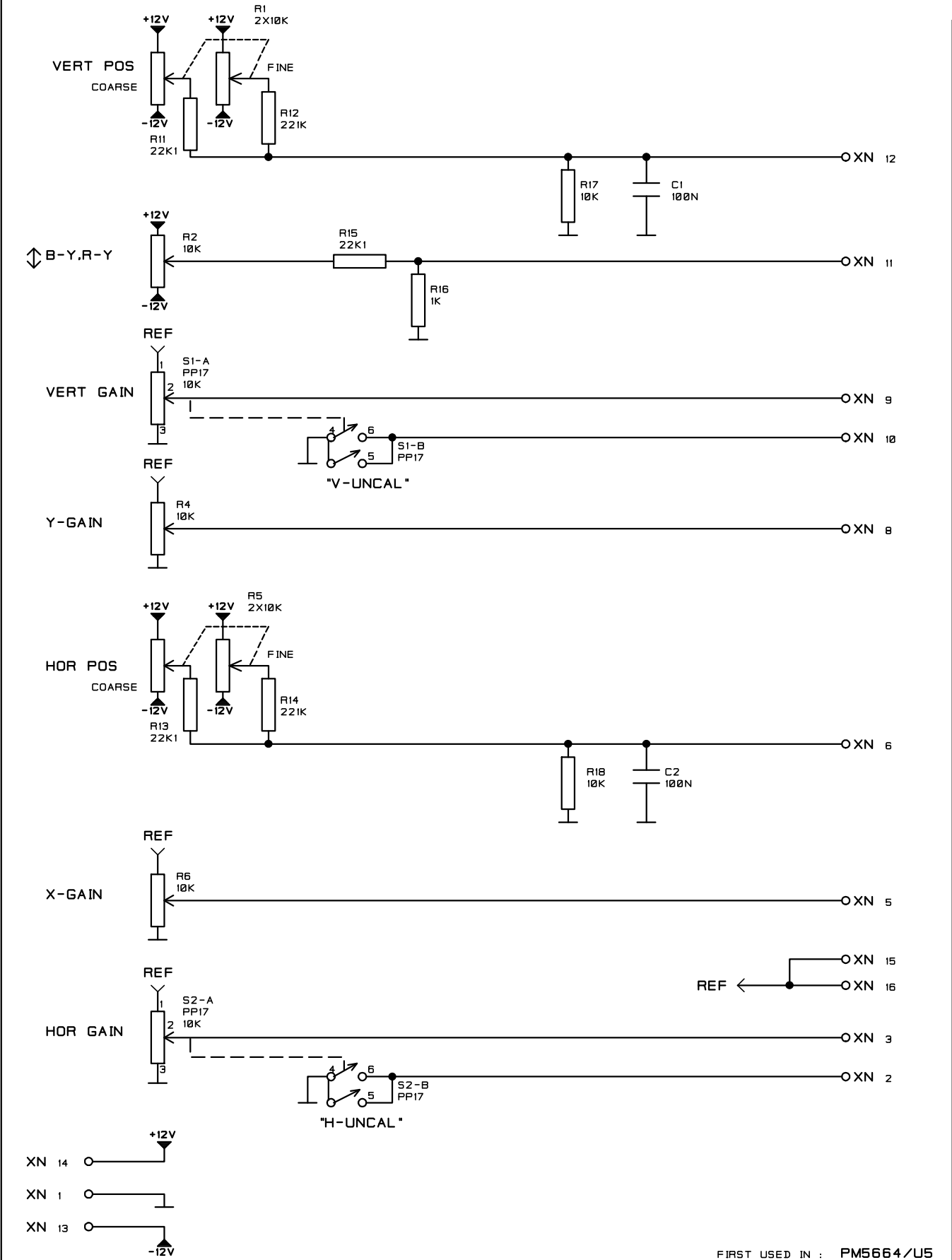
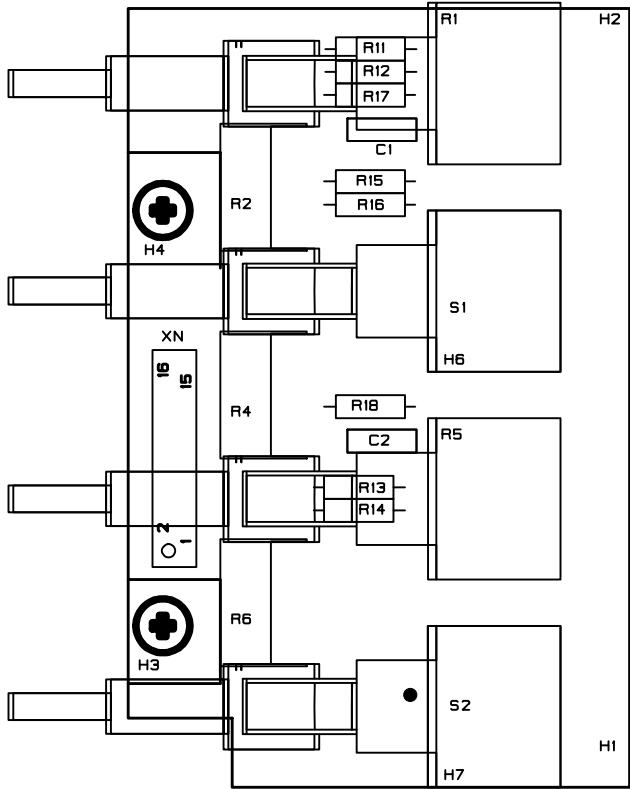
Unit 4.1 Signal processor subassembly: Sync separator

SYNC.AND FIELD SEPARATOR



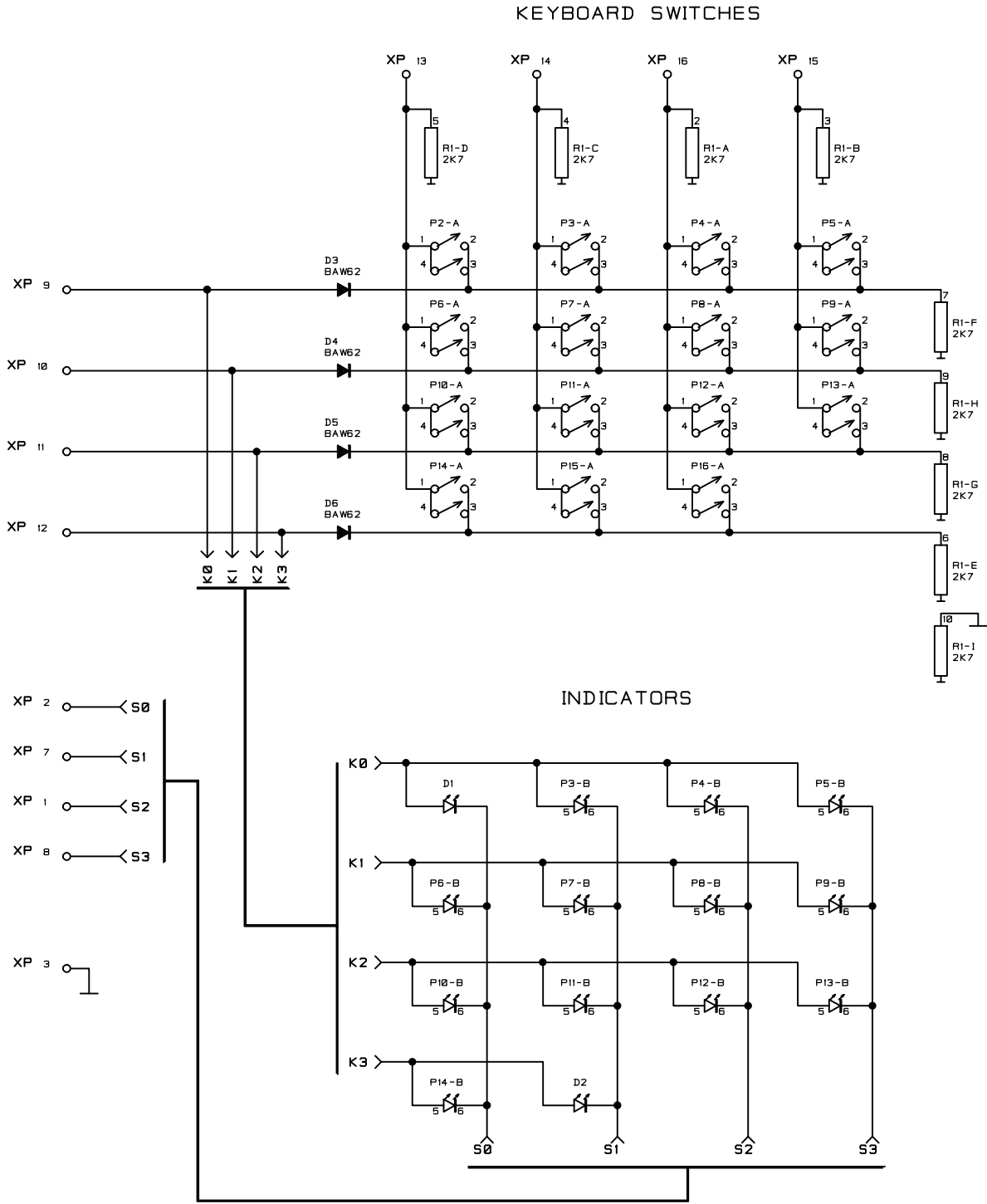
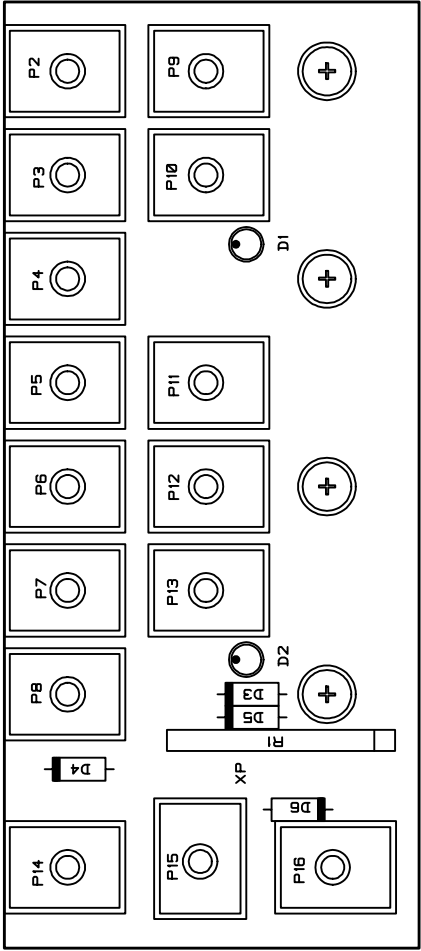
FIRST USED IN: PM5661/A4.2
PCB REF.: 4008 117 0365

		SYNC SEPARATOR		4008 108 9764		2	95-03-01
						2	87-09-03
						2	88-01-12
CHECK:		NAME: HA.1/SM/JML			2 SH	SH 130	- 2
AX 97642.SCM A83654.PCB		KU	DK-AUDIO A/S	DK-2730	Herlev	DAT. 85-01-28	A3L



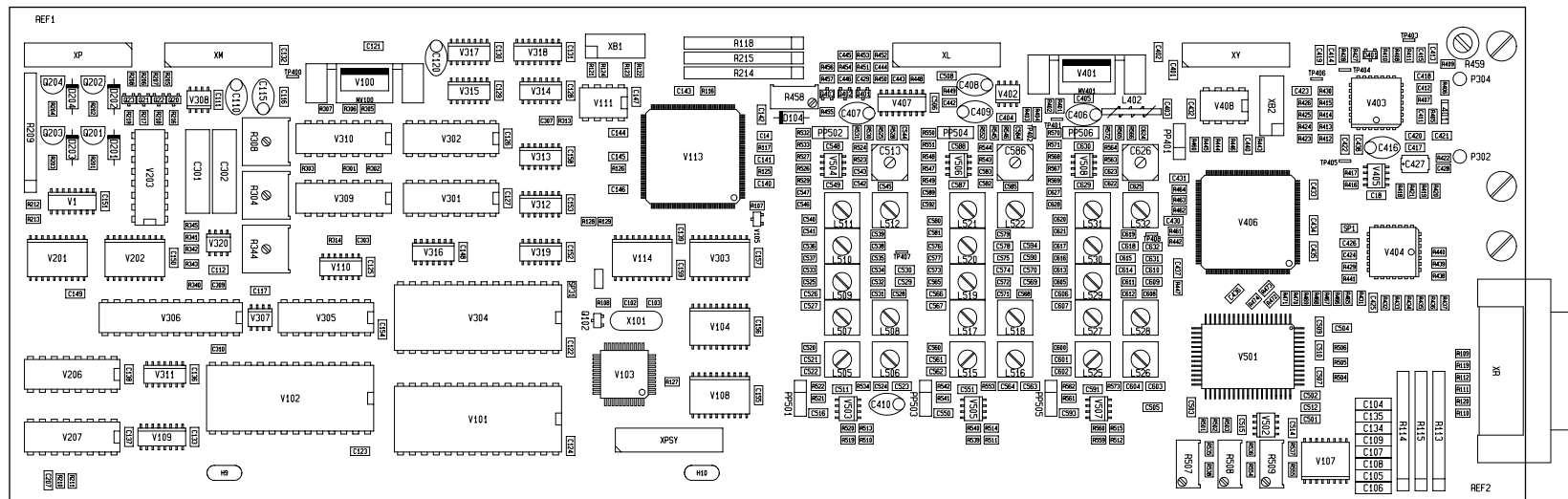
A .SCM		POTMETER BOARD	4008 109 7083				. 1	89-12-15			
70832	.SCM						. 2	00-03-11			
	.PCB										
A04644	.PCB										
NAME SML /ML /SM /JML			1	SH	SH	- 130	-	1	.		
KU	DK-AUDIO A/S				DK-2730 HERLEV				DAT	88-06-06	A3L

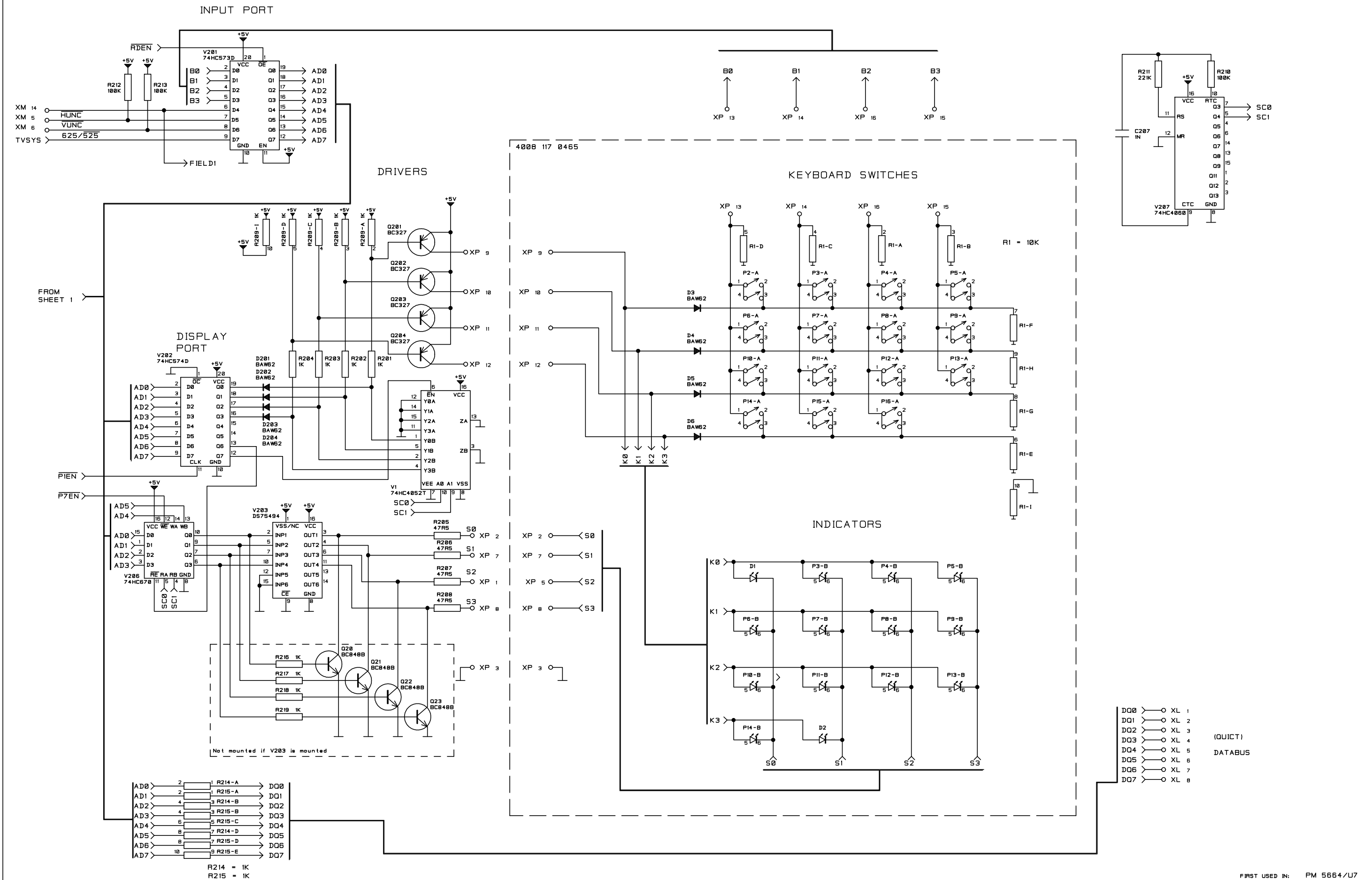
FIRST USED IN : PM5664/U5
PCB REF.: 4008 117 0464



				FIRST USED IN: PM5664/U6		
				PCB REF.: 4008 117 0465		
A	.SCM	KEYBOARD	4008 109 7544		. 1	89-12-19
78841	.SCM				. 1	90-08-28
ACKS	.PCB				. 1	97-11-14
04652	.PCB					
NAME TD/ML/HBS/SM/JML			1 SH	SH	- 130 -	1
KU	DK-AUDIO A/S		DK-2730 HERLEV		DAT	88-08-19 A3L

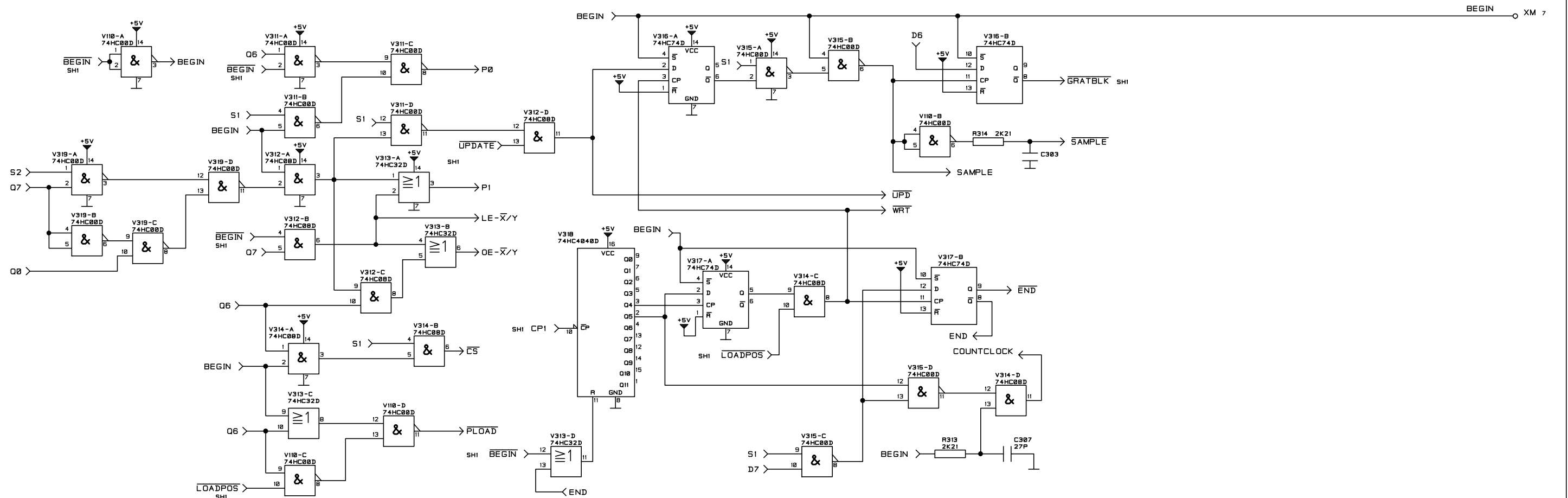
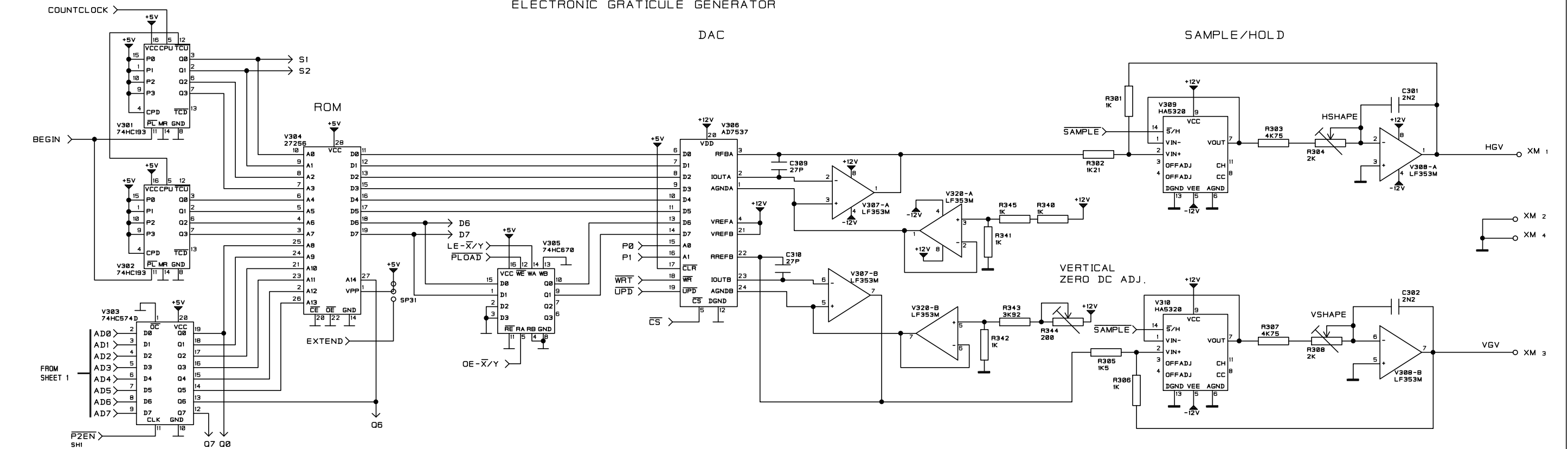
ProTeleVision	Date :	99-05-20	1fb	
	P-No :	11706863		
Control Board	Issue :	3		ASSEMBLY TOP SIDE
	Scale :	1 : 1		





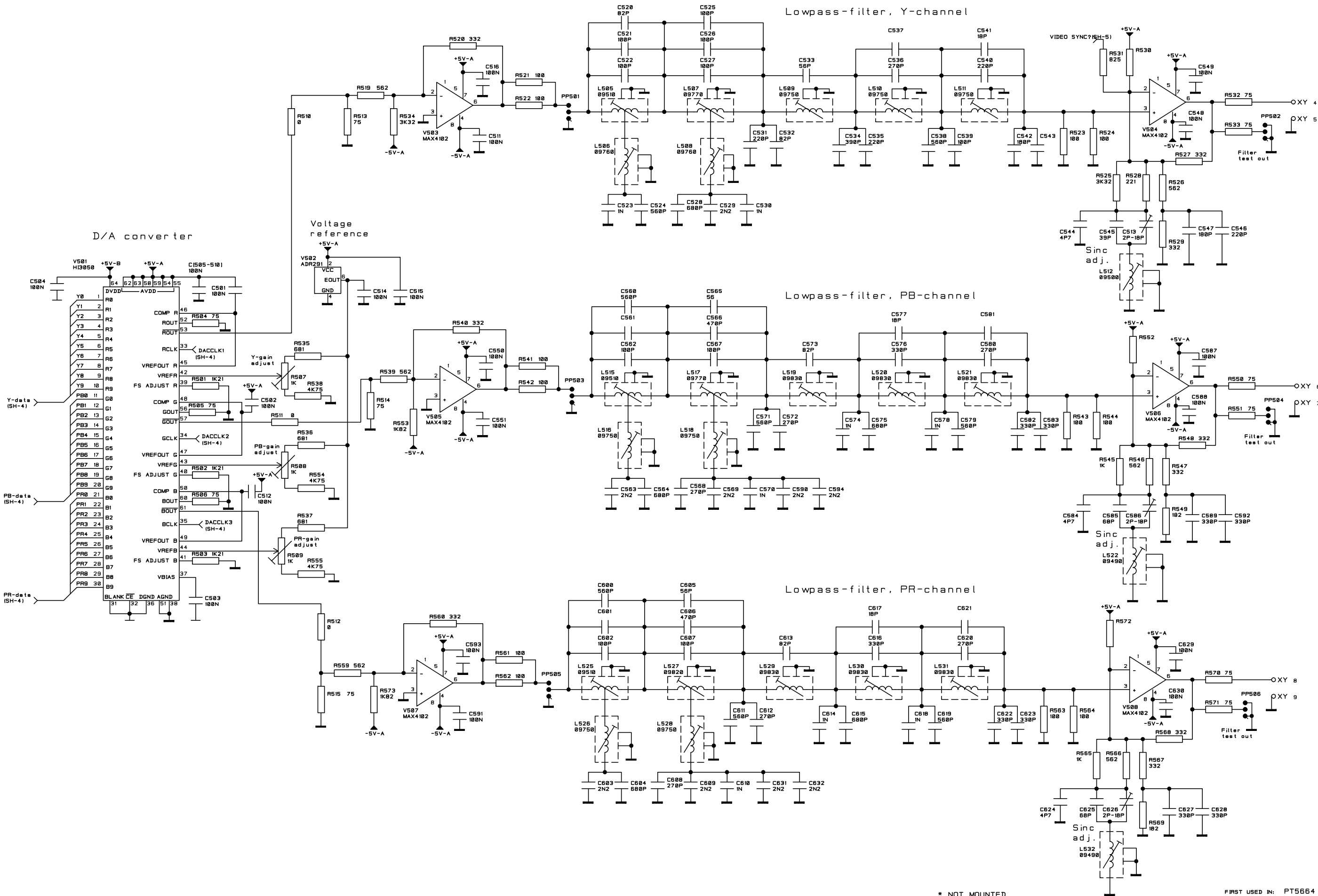
		FIRST USED IN: PM 5664/U7	
		PCB REF.: 4008 117 0686	
		CONTROL BOARD	4008 109 8570
		M.B.	
CHECK:		NAME: NHa./	5 SH SH 130 - 2
BCDEA 85301	SCM PCB	KU	DK-AUDIO A/S DK-2730 Herlev
		DAT. 88-08-19 A3L	

ELECTRONIC GRATICULE GENERATOR



VS304
28-PIN-DI

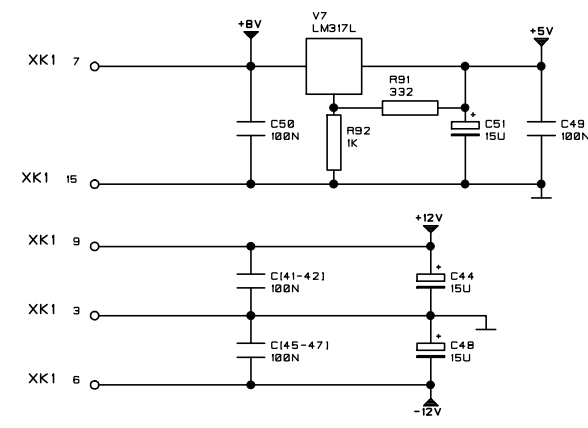
						FIRST USED IN: PM 5664/U7	
						PCB REF.: 4008 117 0686	
		CONTROL BOARD		4008 109 8570 M.B.		3	99-03-12
						2	98-11-30
						1	91-03-14
CHECK:		NAME: NHs./			5 SH	SH 130 - 3	
CDEAB 05301	.SCM .PCB	KU	DK-AUDIO A/S	DK-2730	Her lev	DAT. 88-08-17	A3L



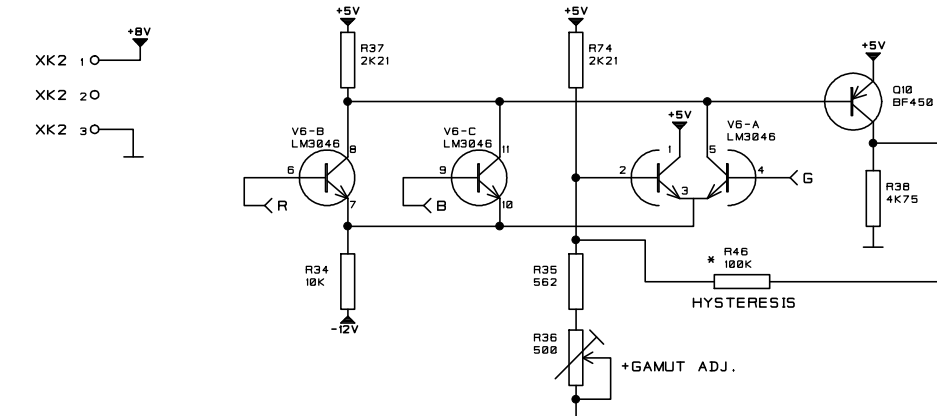
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FIRST USED IN: PT5664
PCB REF.: 4008 117 0686

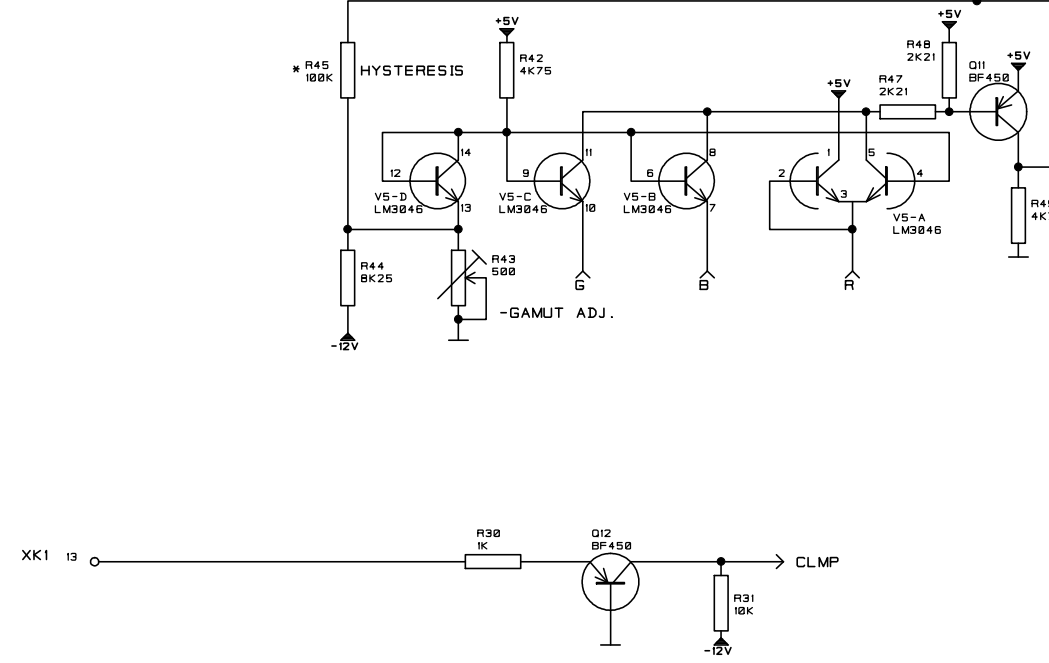
		Control board		4008 109 8570		3	99-03-12
		DA-converter				1	98-11-30
CHECK:		NAME: NHa./		5 SH		SH 130 - 5	
AB2922	.SCM	KU	DK-AUDIO A/S	DK-2730	Herlev	DAT. 98-11-20	A3L
A06282	.PCB						



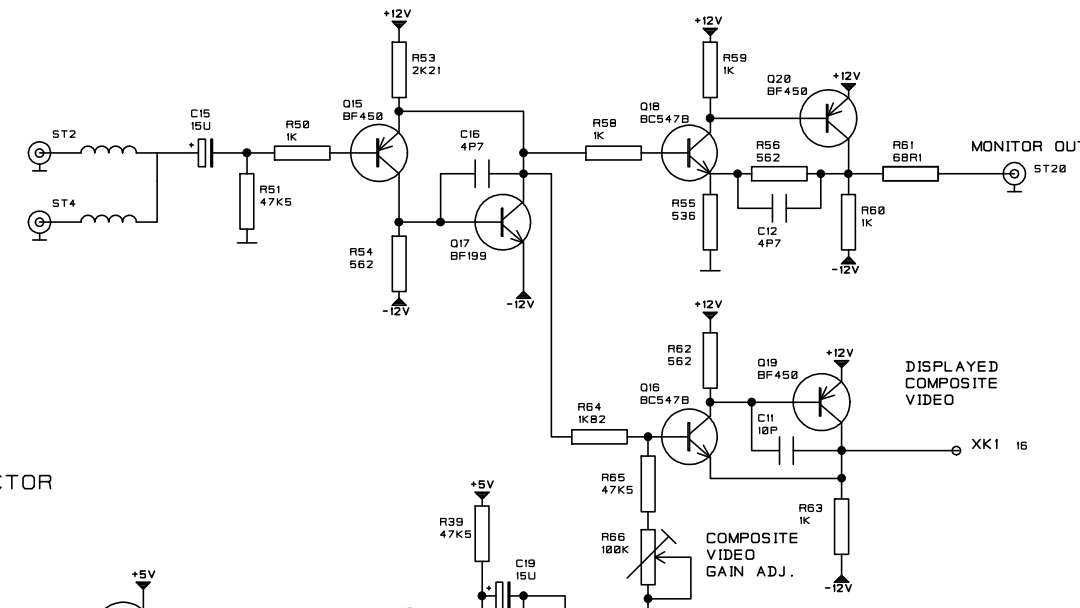
POSITIVE PEAK-DETECTOR



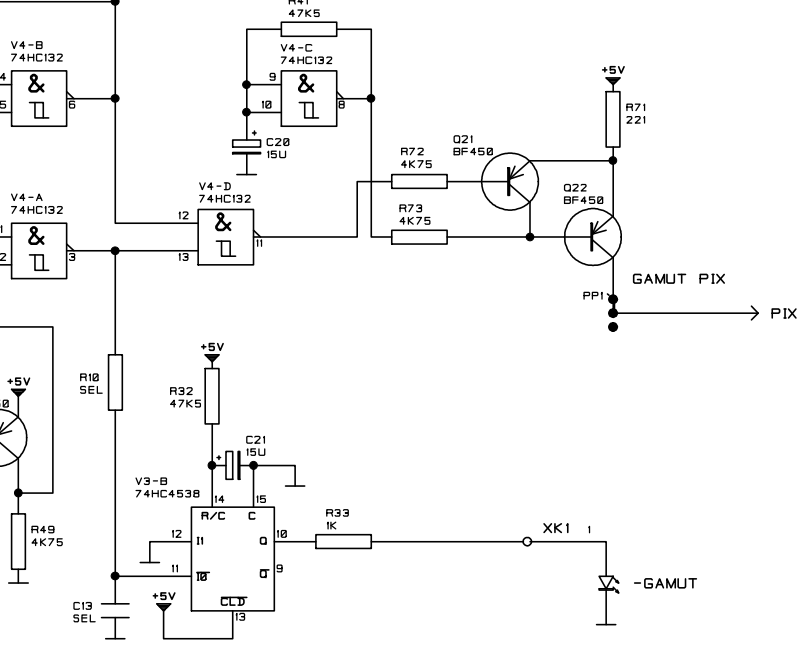
NEGATIVE PEAK-DETECTOR



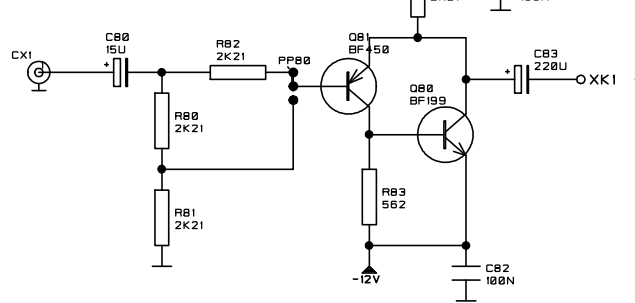
COMPOSITE VIDEO AMPLIFIER



2HZ GENERATOR

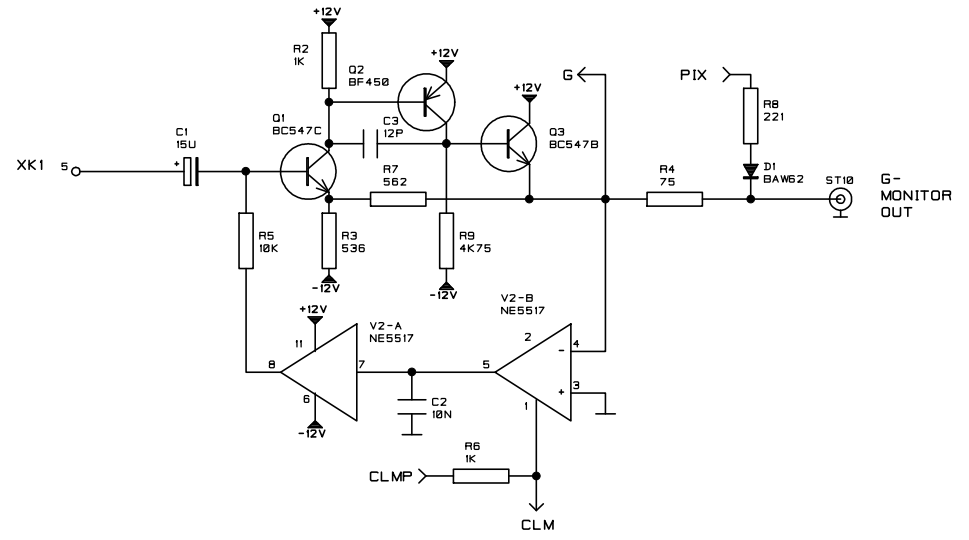


EXT. REF. INPUT

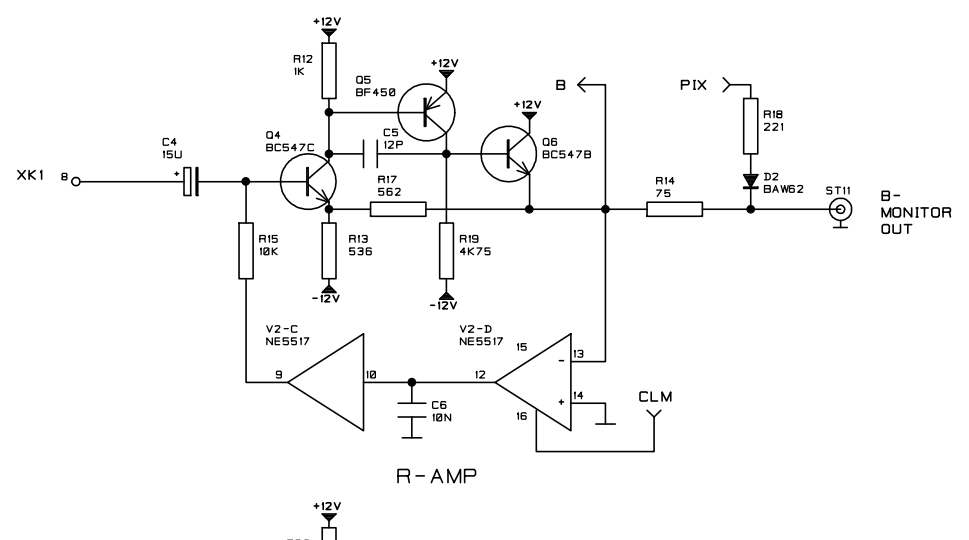


RGB BUFFERS

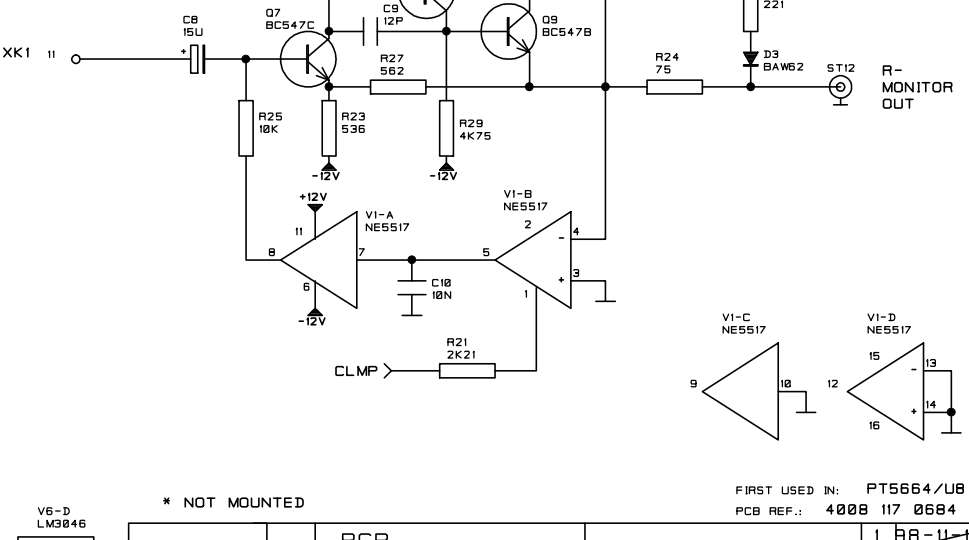
G-AMP



B-AMP



R-AMP



* NOT MOUNTED

FIRST USED IN: PT5664/U8
PCB REF.: 4008 117 0684

RGB MONITOR OUT + SYNC		1 98-11-17
		2 99-03-04
CHECK:	NAME: THA/JML	1 SH SH 130 - 1
10995632.SCM 11706842.PCB	KU	DK-AUDIO A/S DK-2730 Herlev
		DAT. 88-05-24 A3L