

PT 5230 Digital Video Generator



Service Manual – section 2:

17-1 Diagrams and component placements.

Main Unit

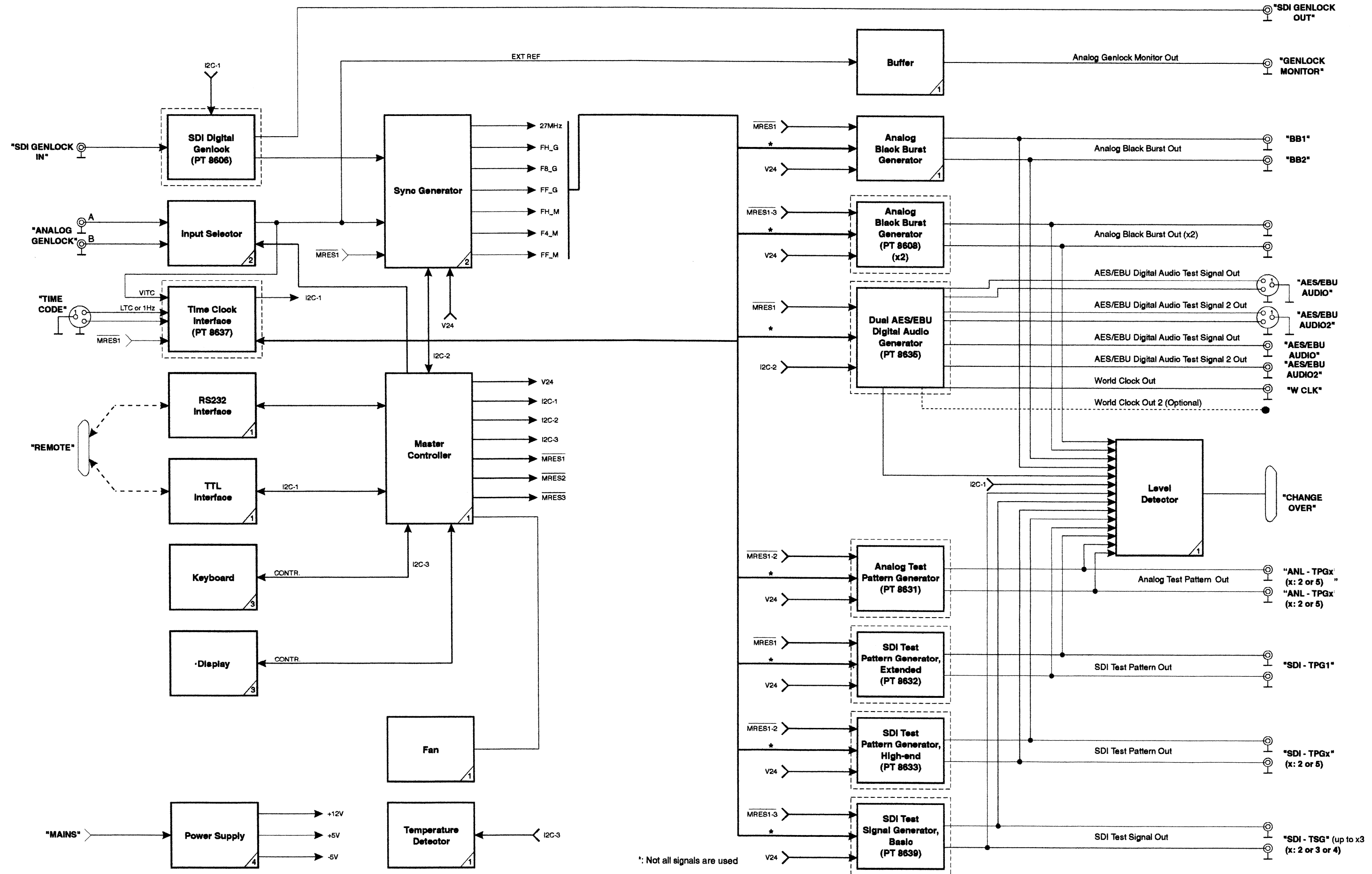
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OPTIONS

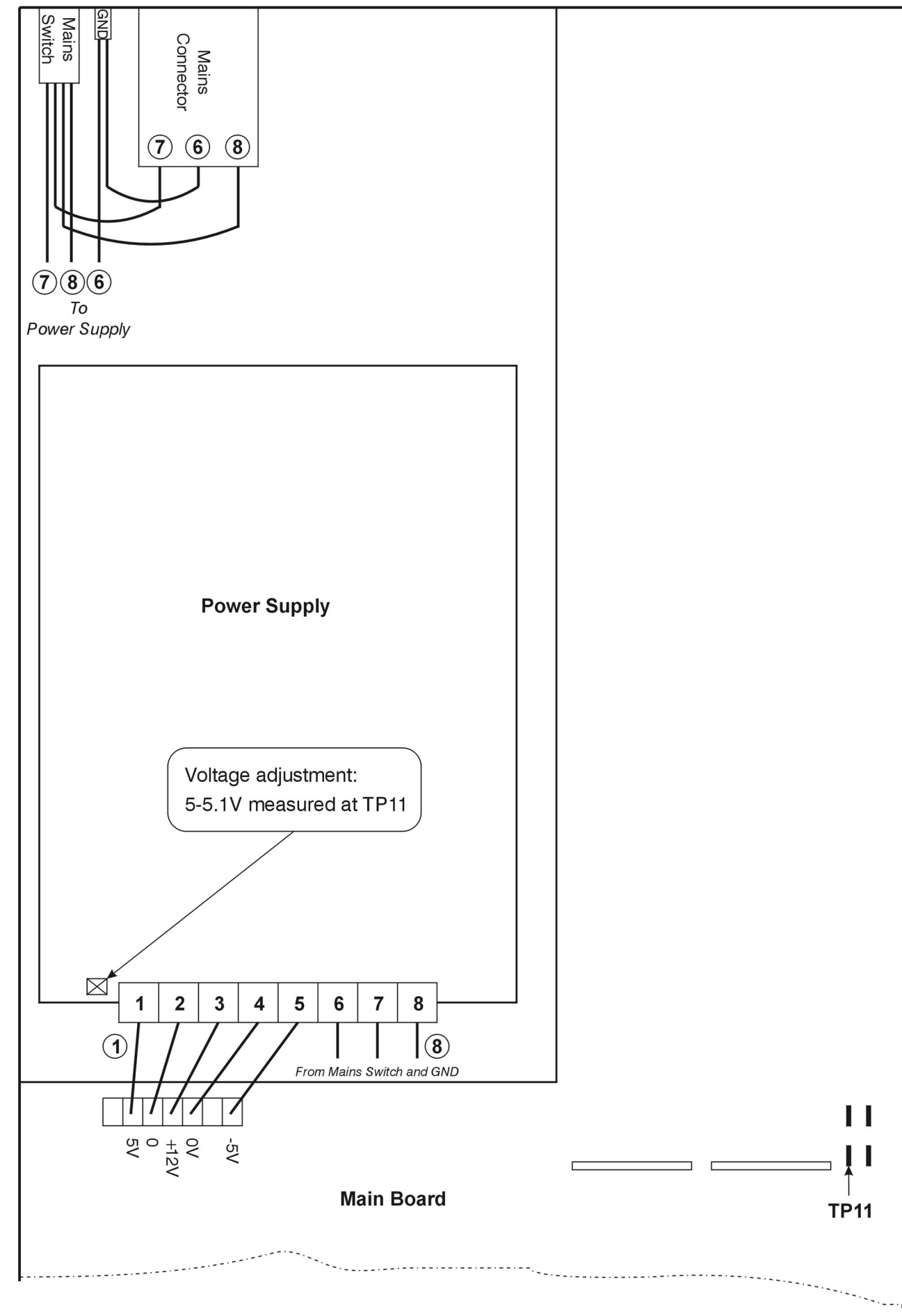
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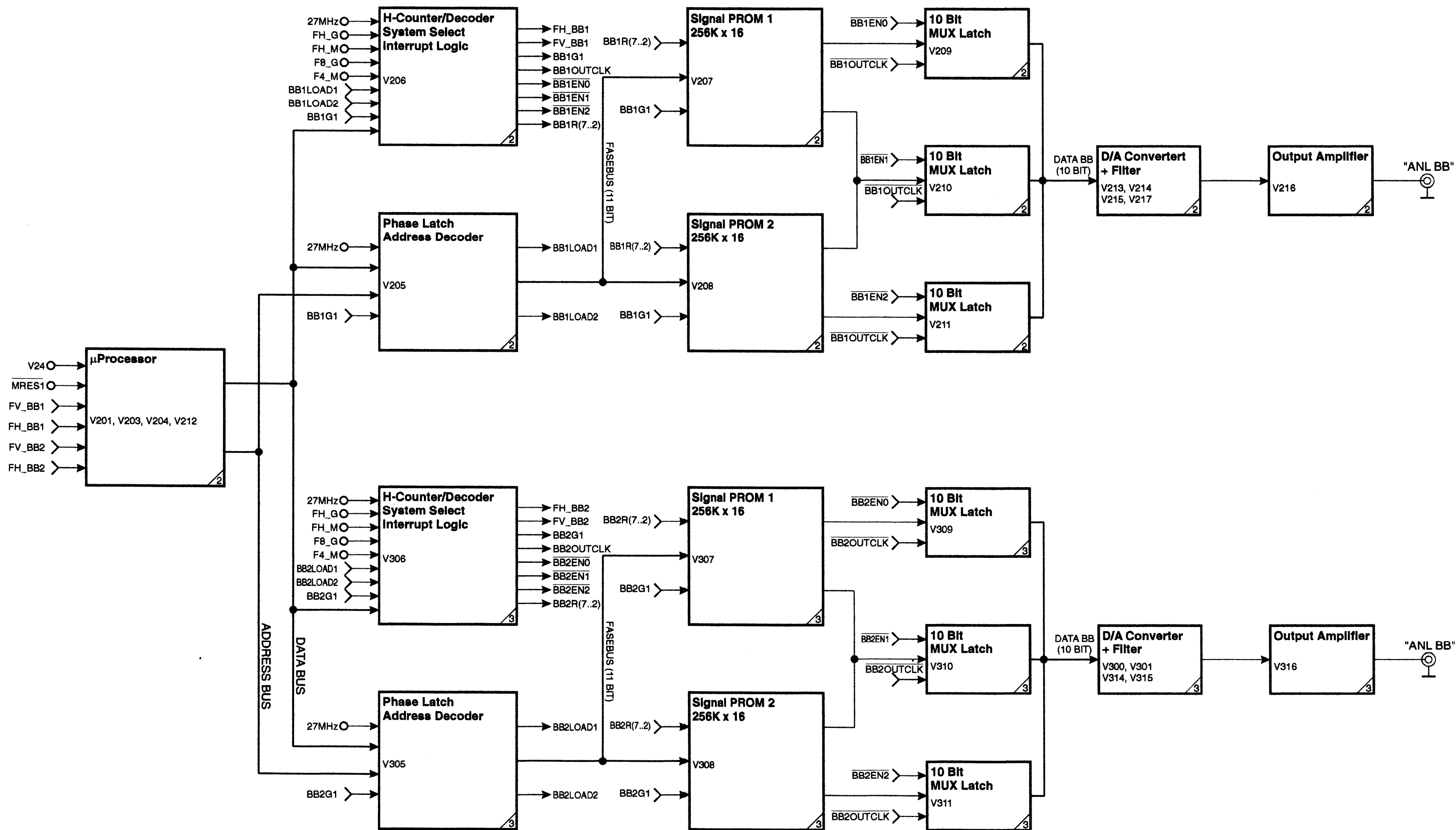
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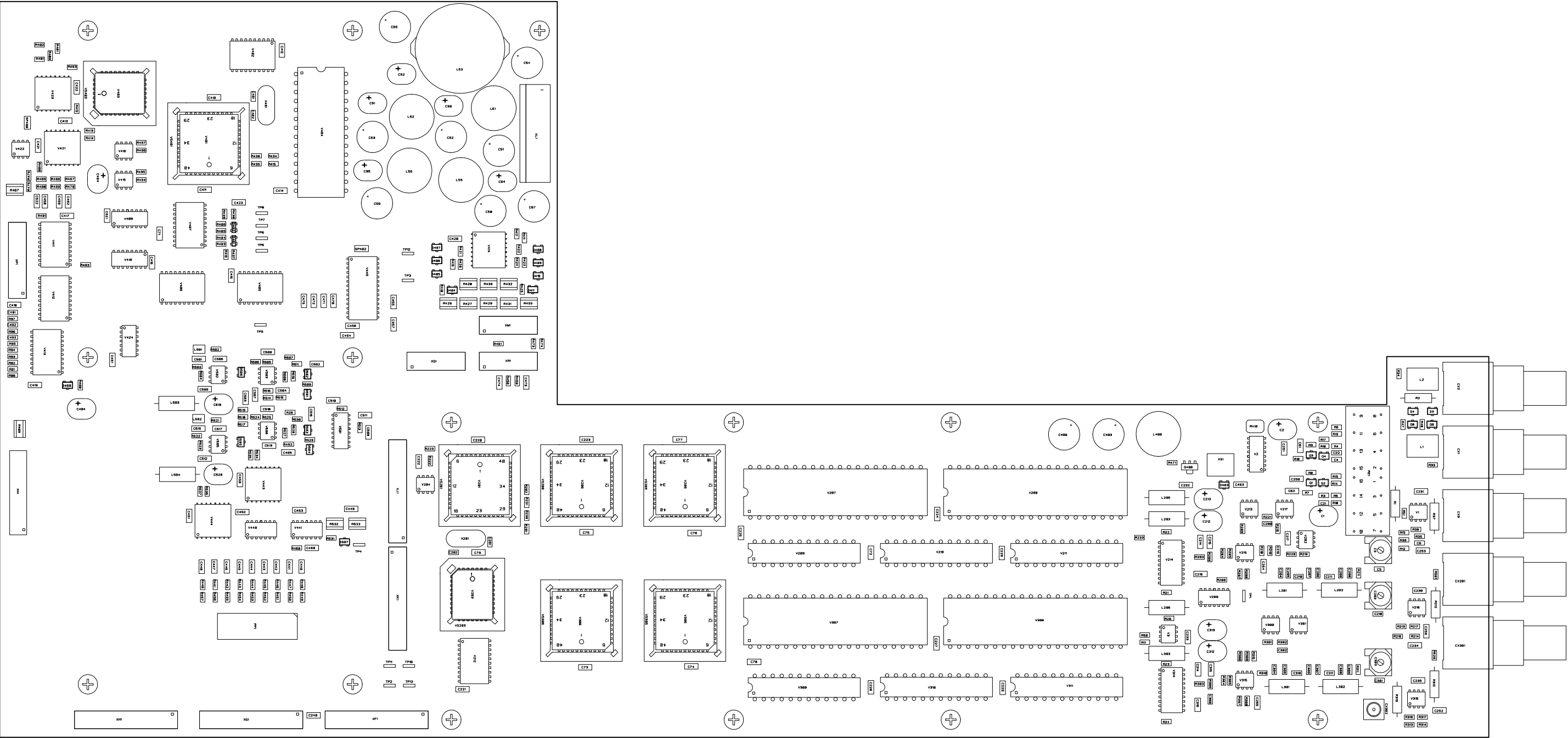
Instrument Block diagram



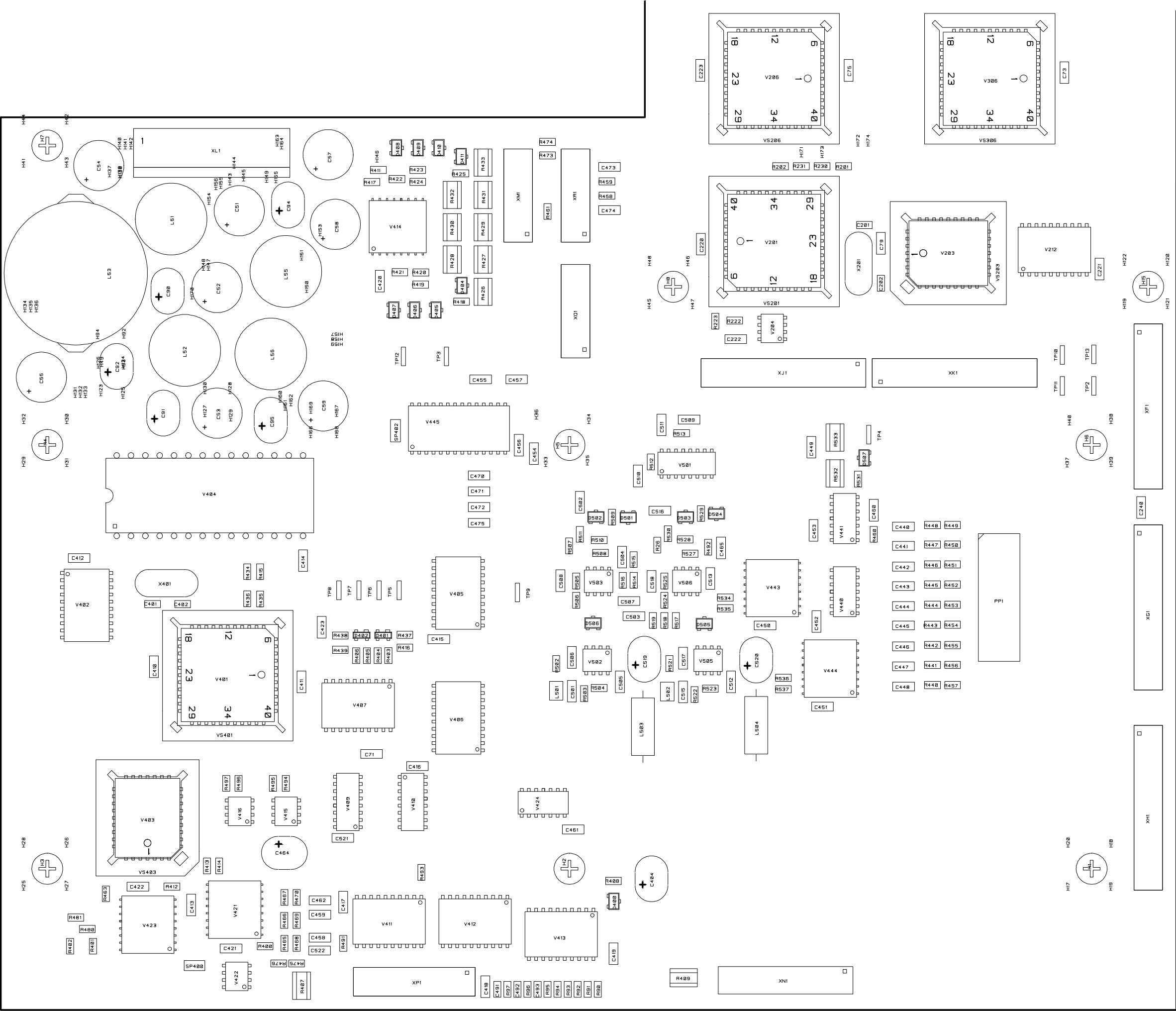
Power supply connections

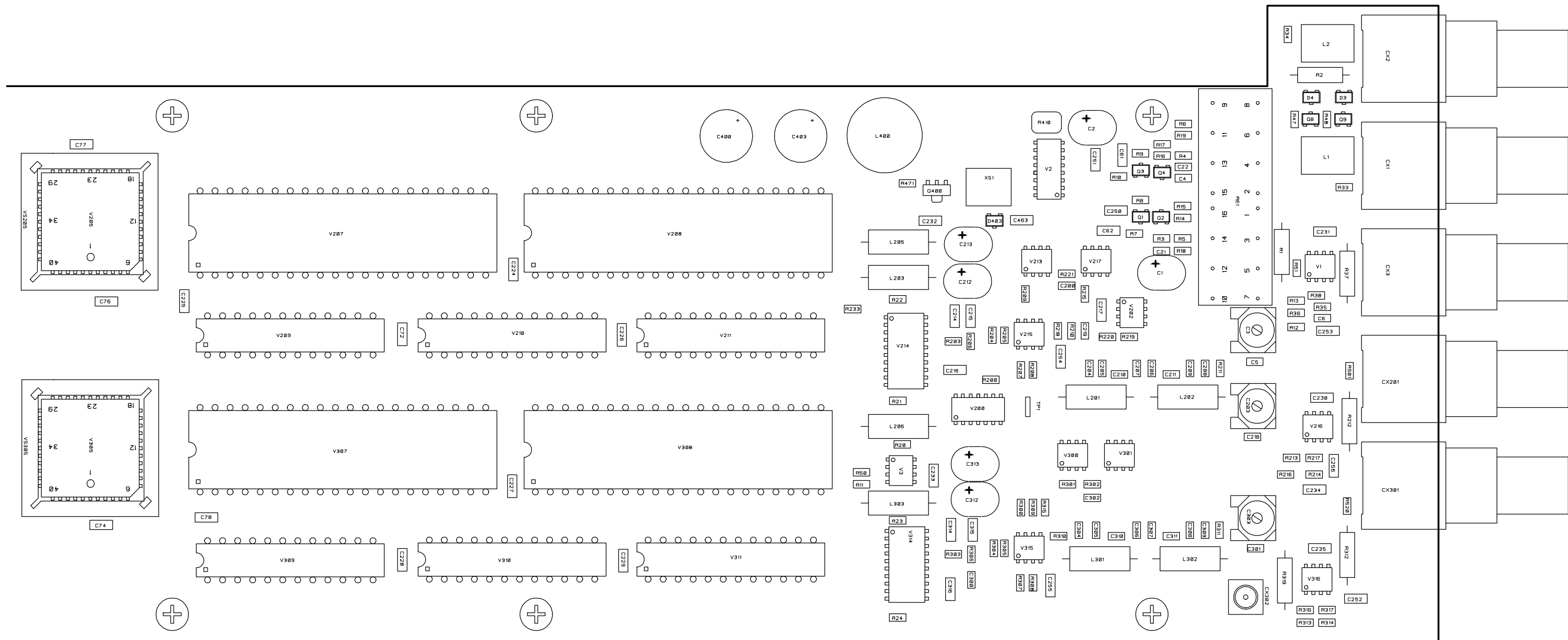


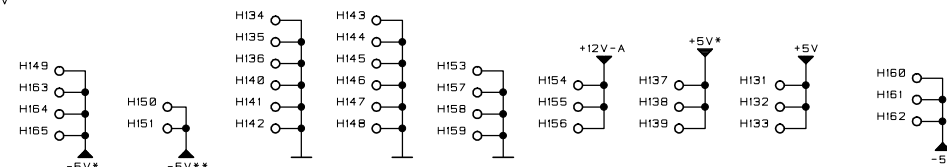
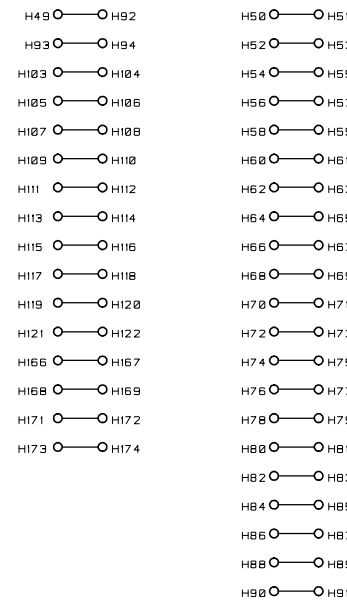
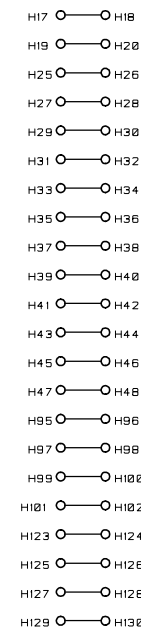
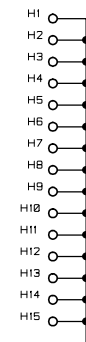
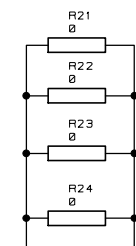
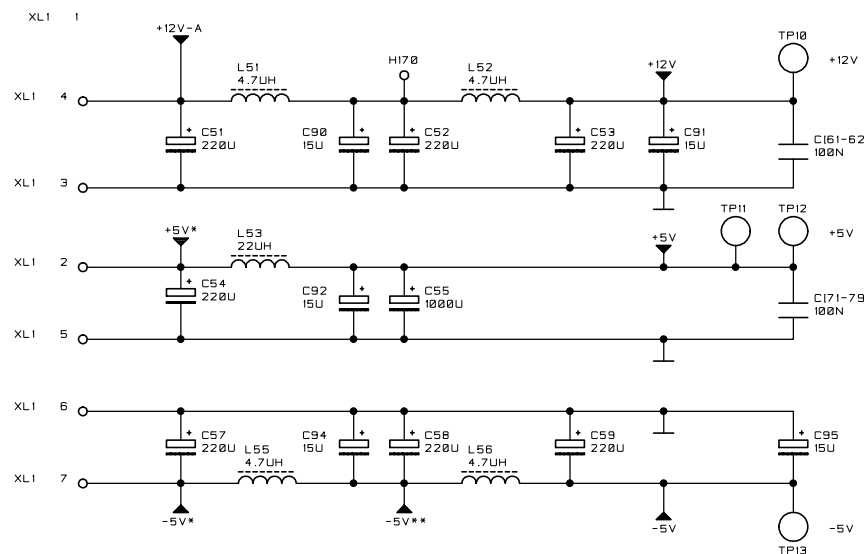
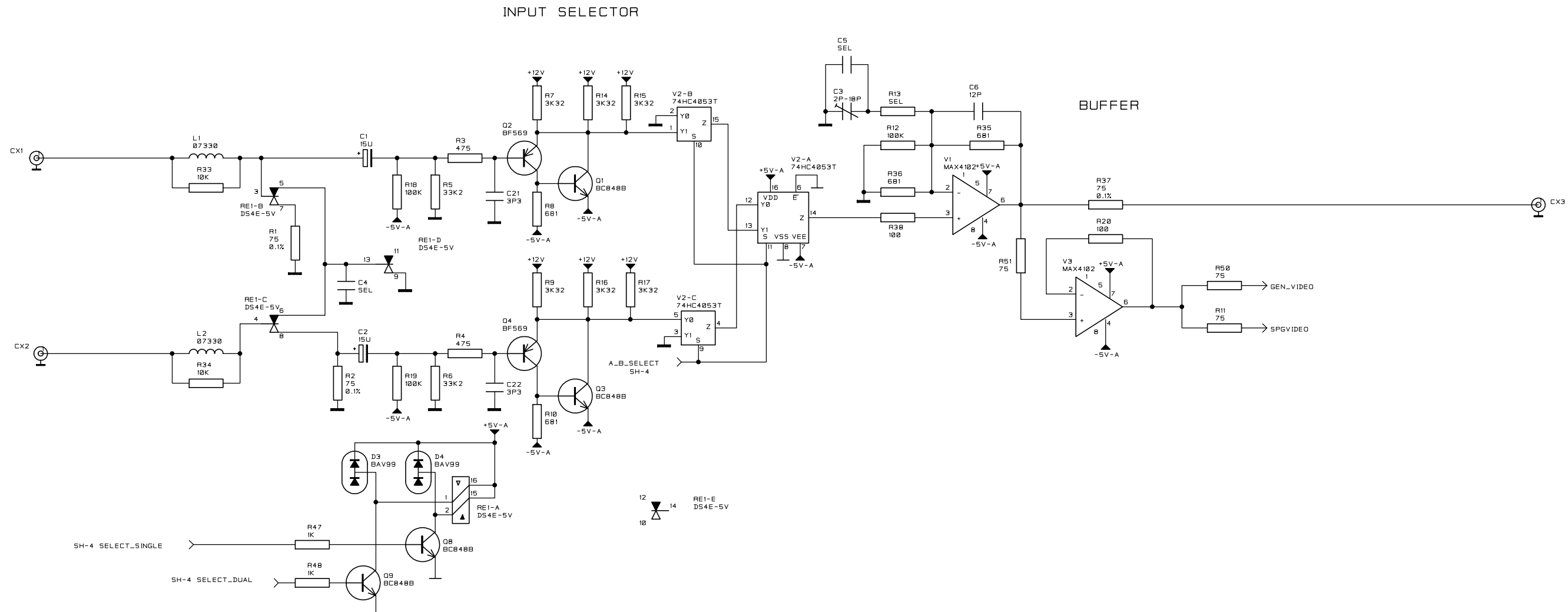
Blockdiagram Mainboard



Mainboard - full

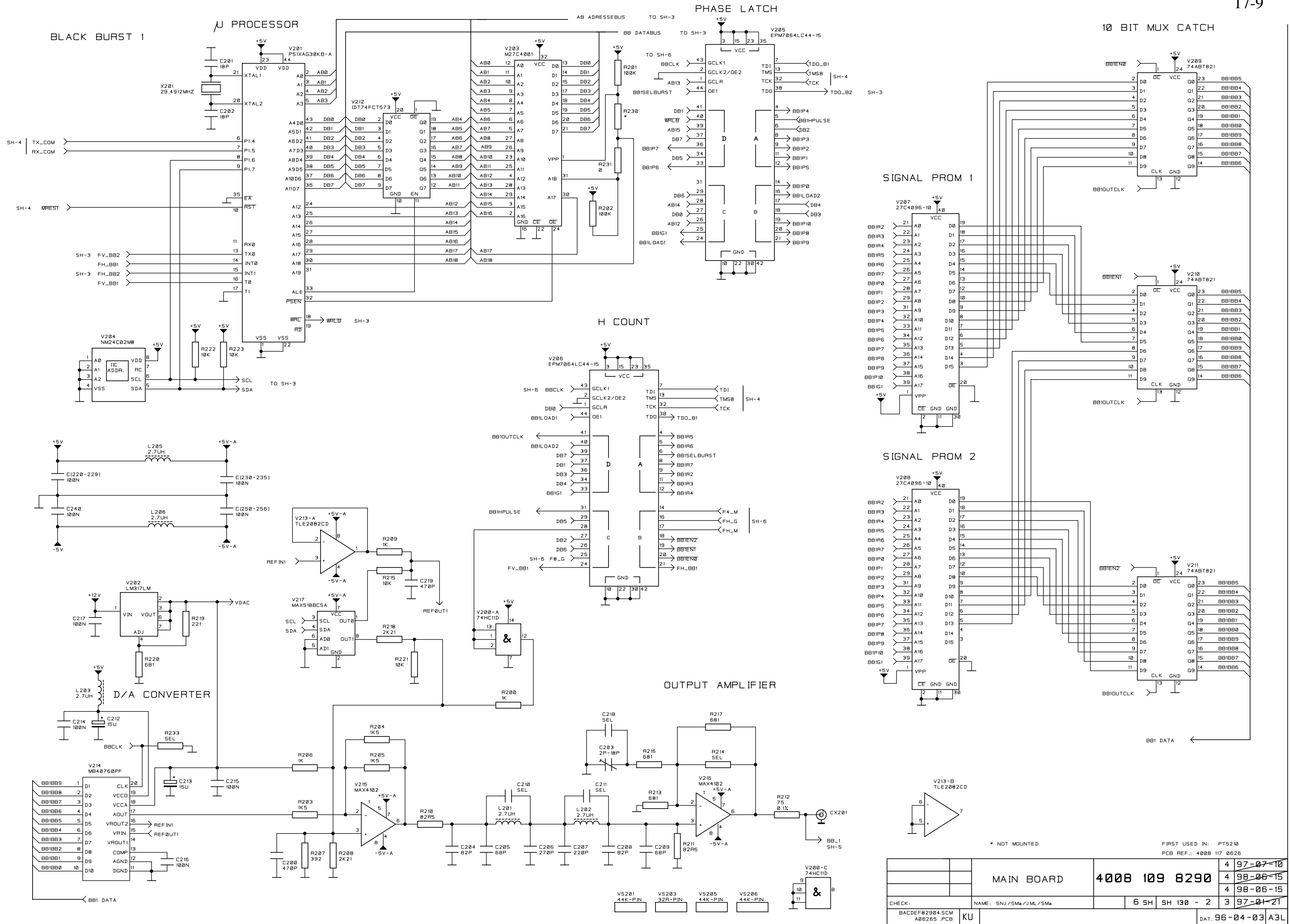






FIRST USED IN: PT5210
PCB REF.: 4008 117 0626

		MAIN BOARD		4008 109 8290		3	97-08-27
						4	97-07-10
						4	98-06-15
CHECK:		NAME: PF/SMa/JML/SMa		6 SH SH 130 - 1		3	97-01-21
ABCDEF82904.SCM A06265.PCB		KU				DAT. 96-04-03 A3L	

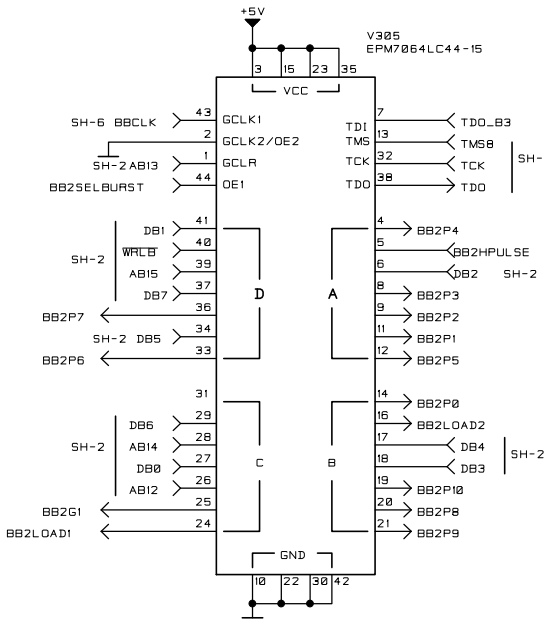


BLACK BURST 2

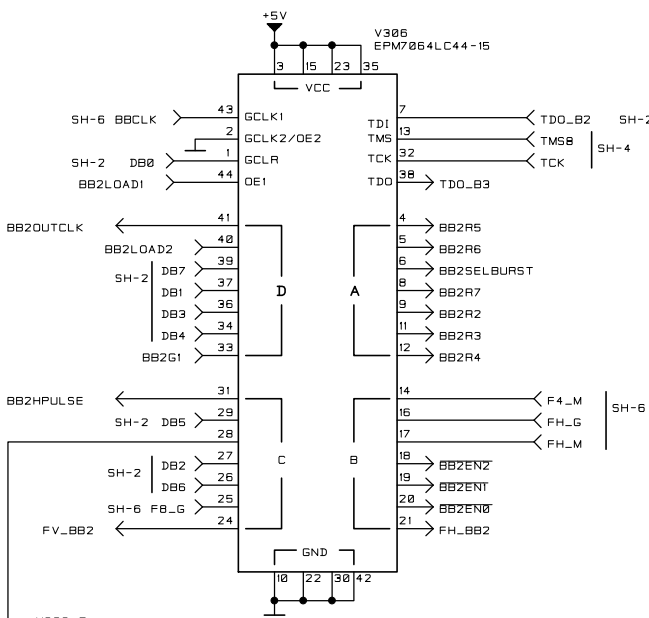
PHASE LATCH

10 BIT MUX LATCH

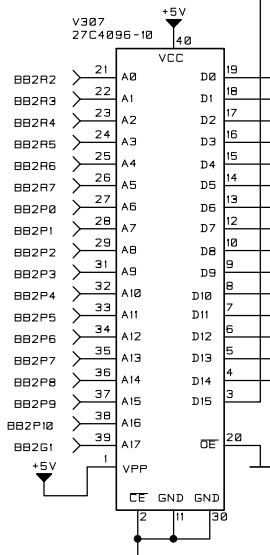
BB DATABUS FROM SH-2
BB ADRESSEBUS FROM SH-2



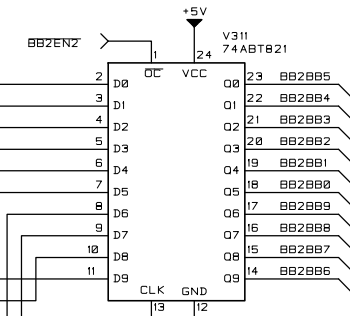
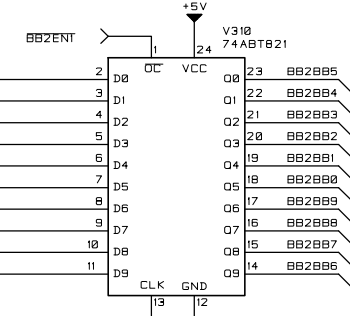
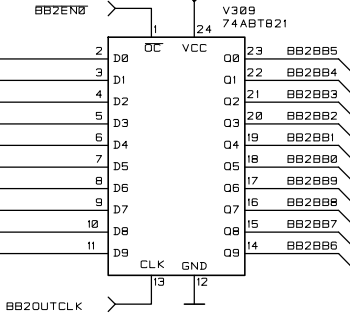
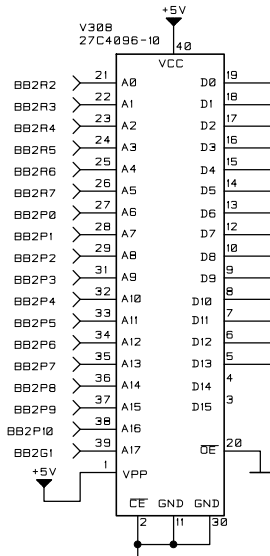
H COUNT



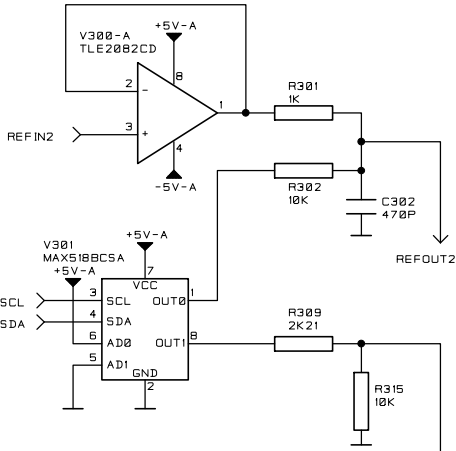
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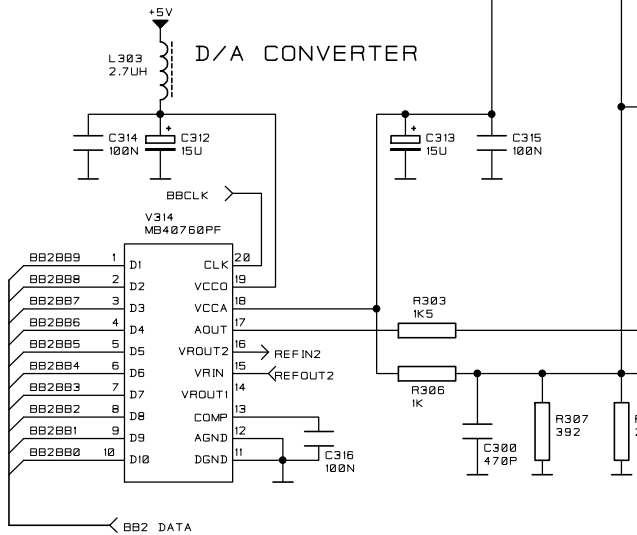
SINAL PROM 2



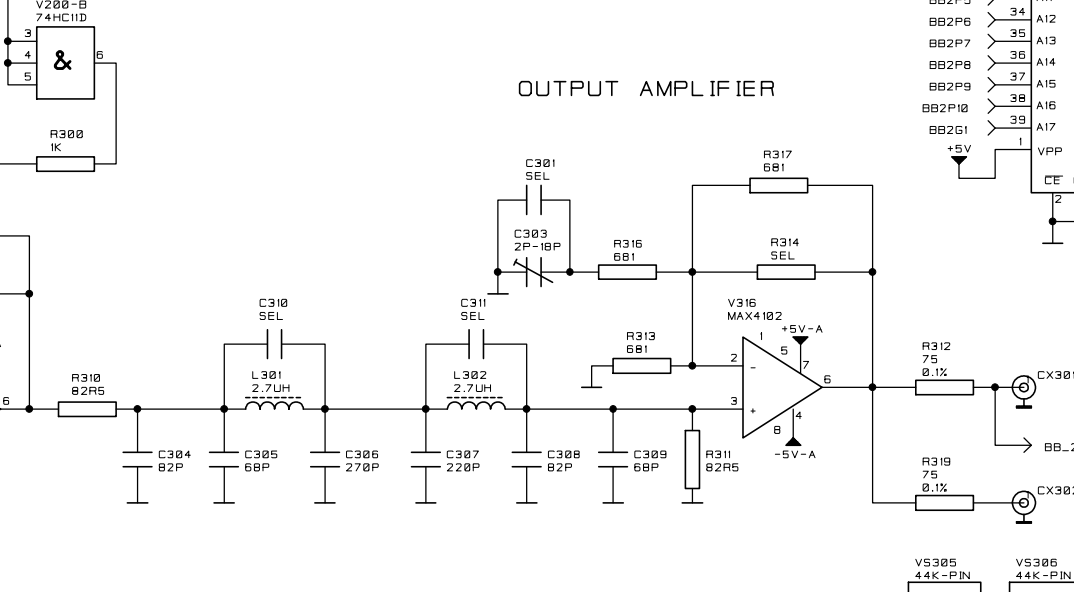
BB2 DATA



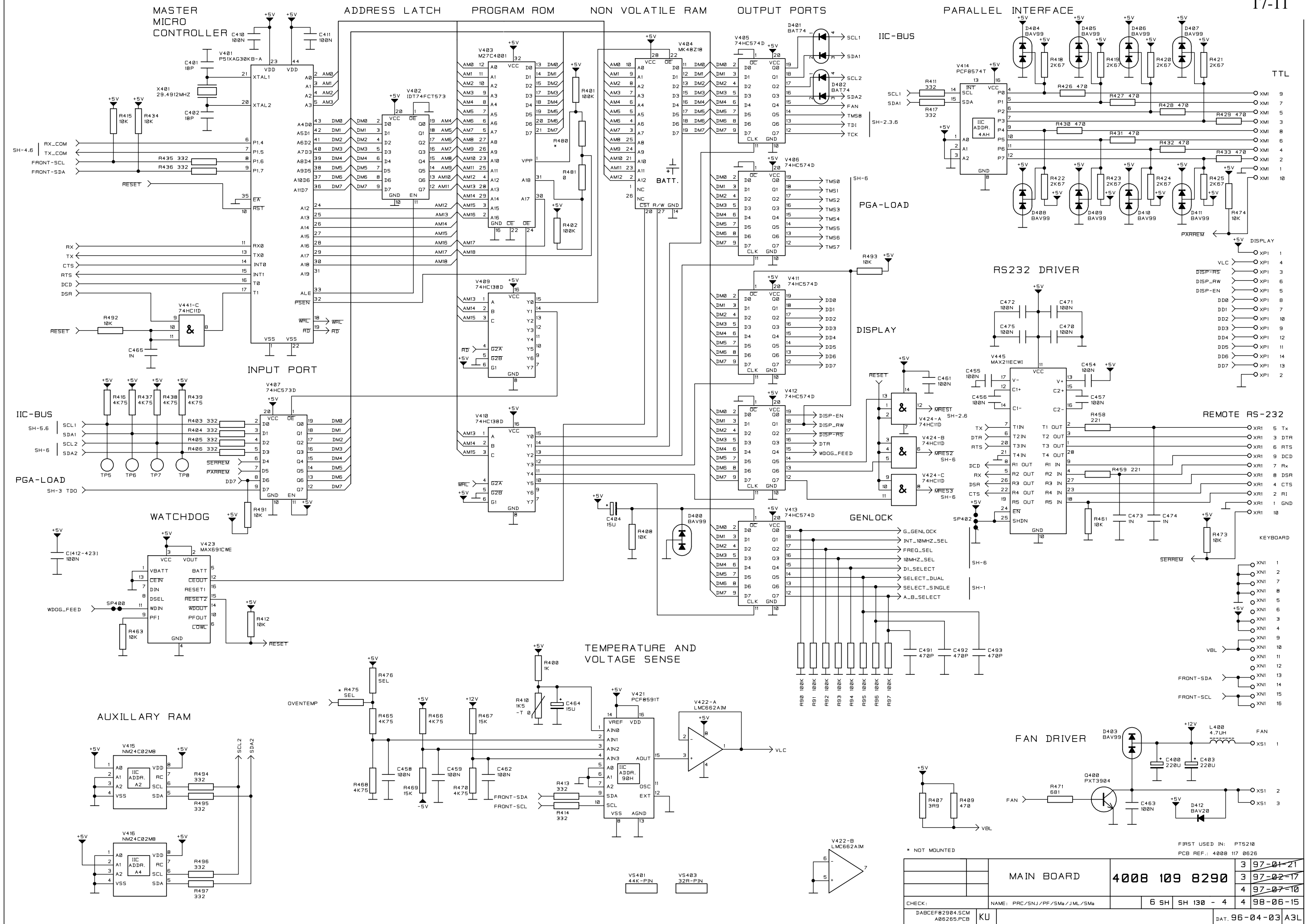
D/A CONVERTER



OUTPUT AMPLIFIER



MAIN BOARD		4008 109 8290	4 97-07-10
CHECK:		NAME: SNJ/SMa/JML/SMa	4 98-06-15
CABDEF82904.SCM		6 SH SH 130 - 3	3 96-11-21
A06265.PCB		KU	DAT. 96-04-03 A3L

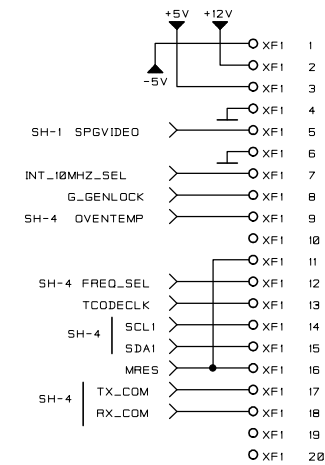


* NOT MOUNTED

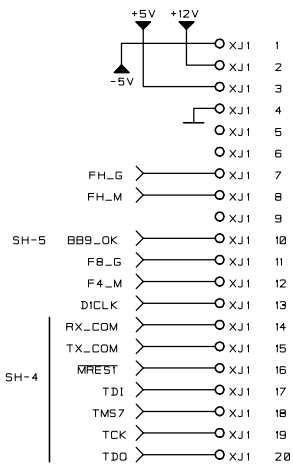
FIRST USED IN: PT5210
PCB REF.: 4008 117 0626

MAIN BOARD		4008 109 8290	3 97-04-21
			3 97-02-17
			4 97-07-10
CHECK:	NAME: PRC/SNJ/PF/SMa/JML/SMa	6 SH SH 130 - 4	4 98-06-15
DABCF82904.SCM A06265.PCB	KU		DAT. 96-04-03 A3L

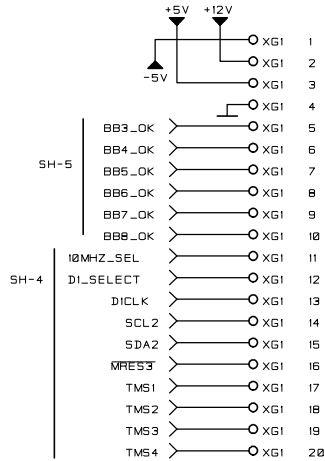
TO SYNC PULSE GENERATOR



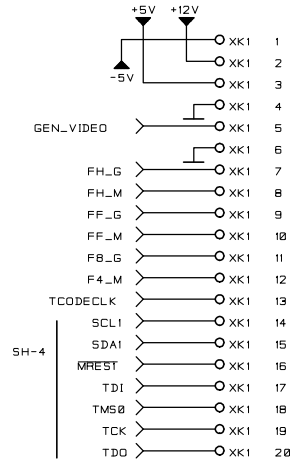
TO D1 GENERATOR



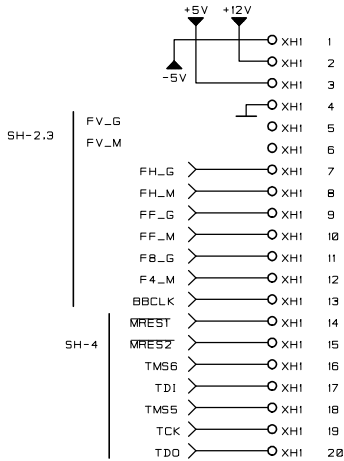
TO SYNC PULSE GENERATOR



TO TIMECODE

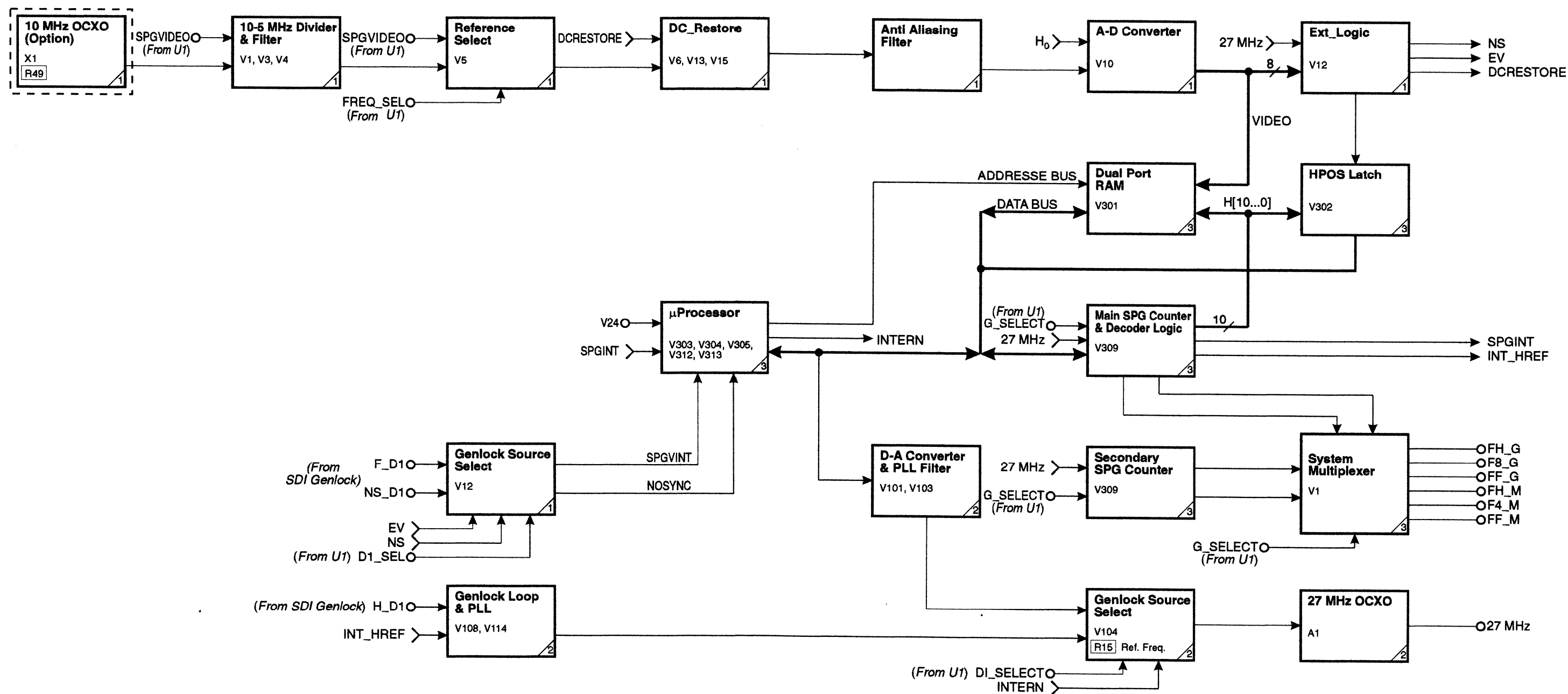


TO SYNC PULSE GENERATOR



FIRST USED IN: PT5210
PCB REF.: 4008 117 0626

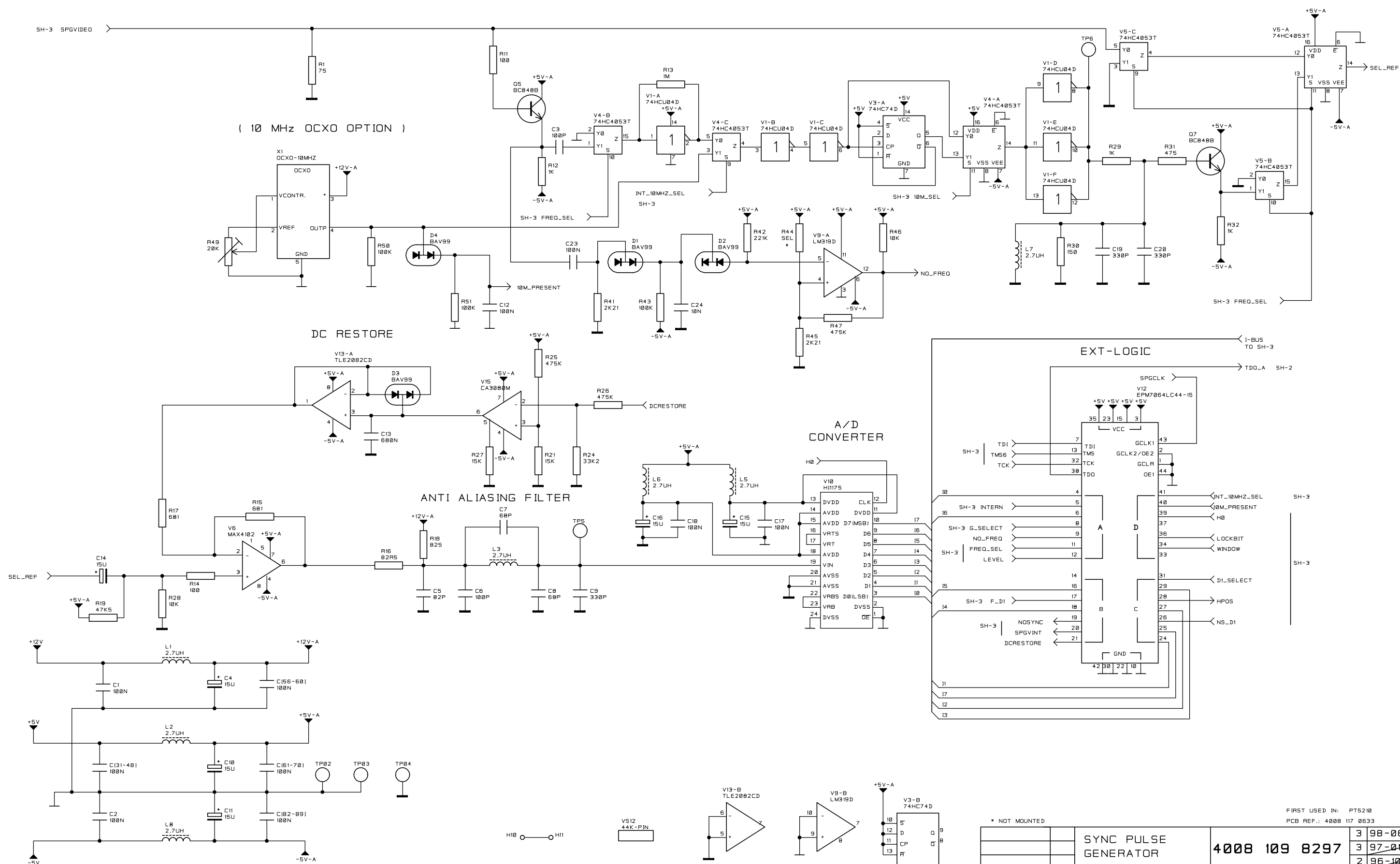
		MAIN BOARD	4008 109 8290	4	97-07-10
				4	98-06-15
				3	96-11-18
CHECK:		NAME: SNJ/SMa/JML/SMa	6 SH	SH 130 - 6	3 97-01-21
FABCD82904.SCM A06265.PCB		KU	DAT. 96-03-28		
					A3L



Blockdiagram - sync generator

10/5 MHz DIVIDER & FILTER

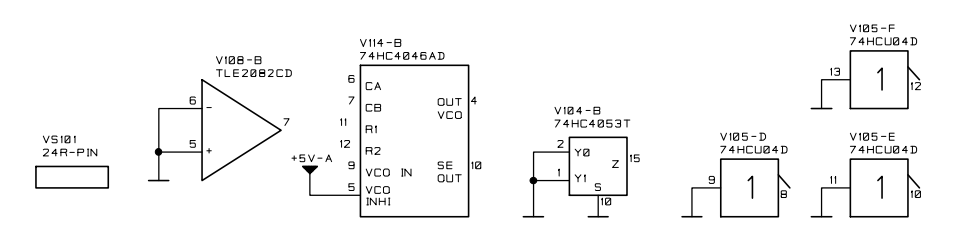
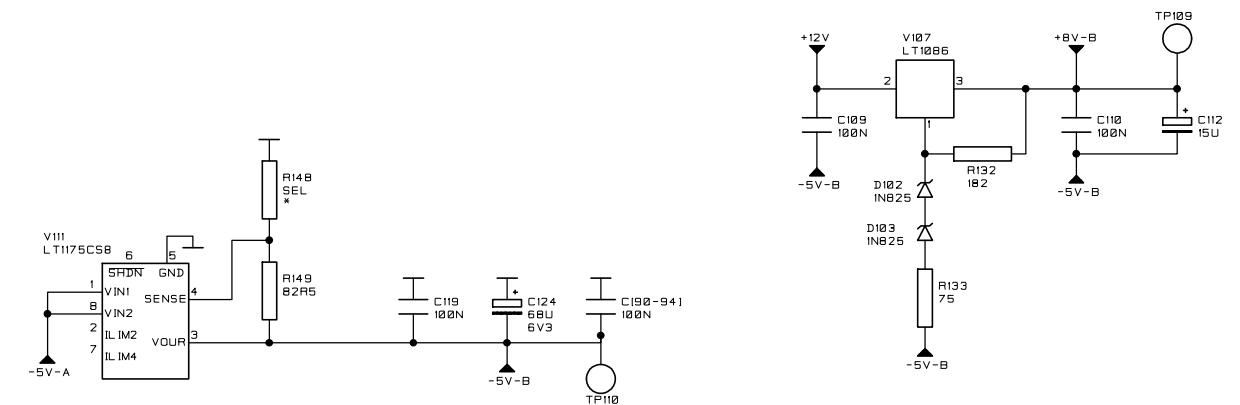
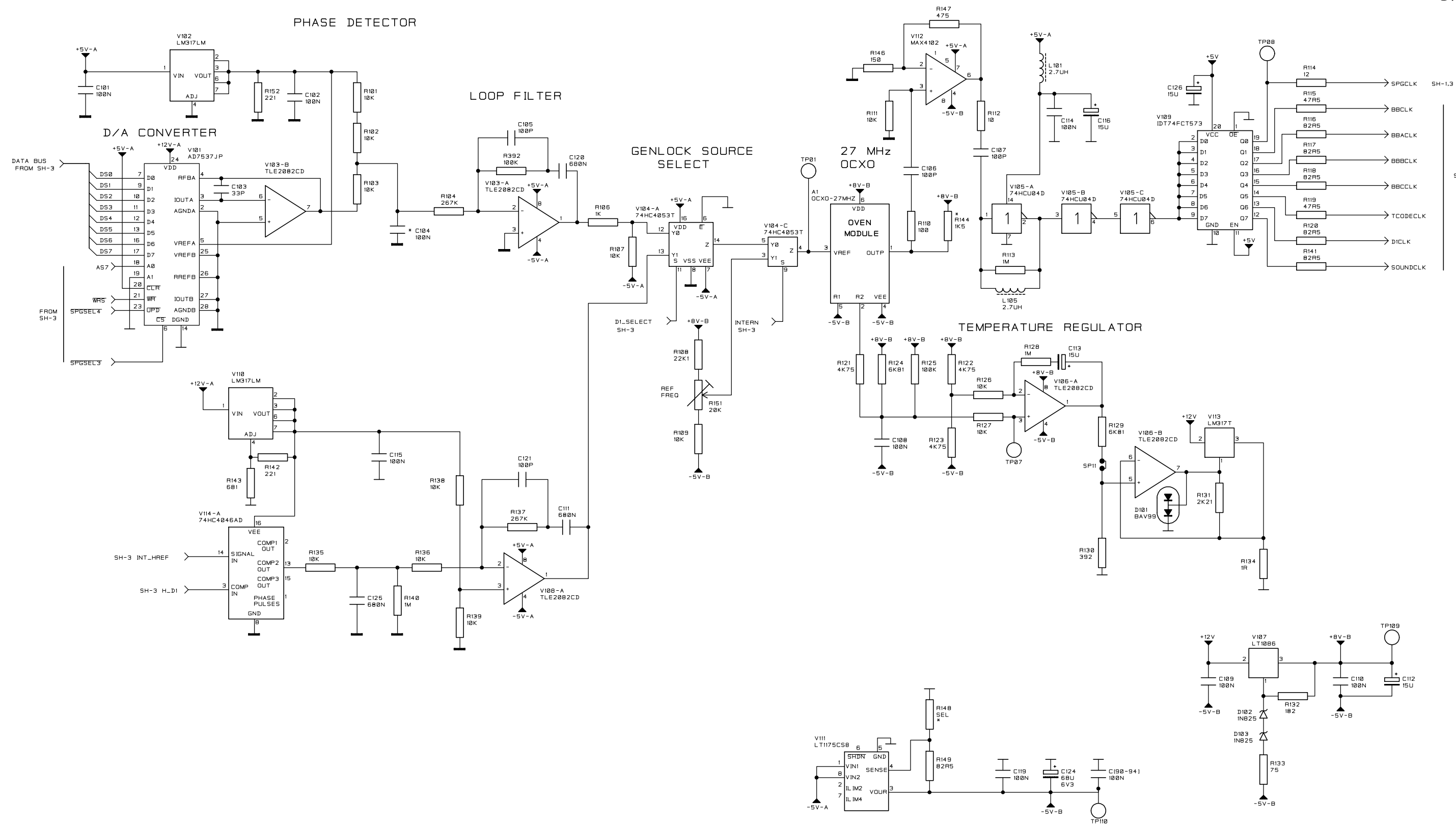
REFERENCE SELECT



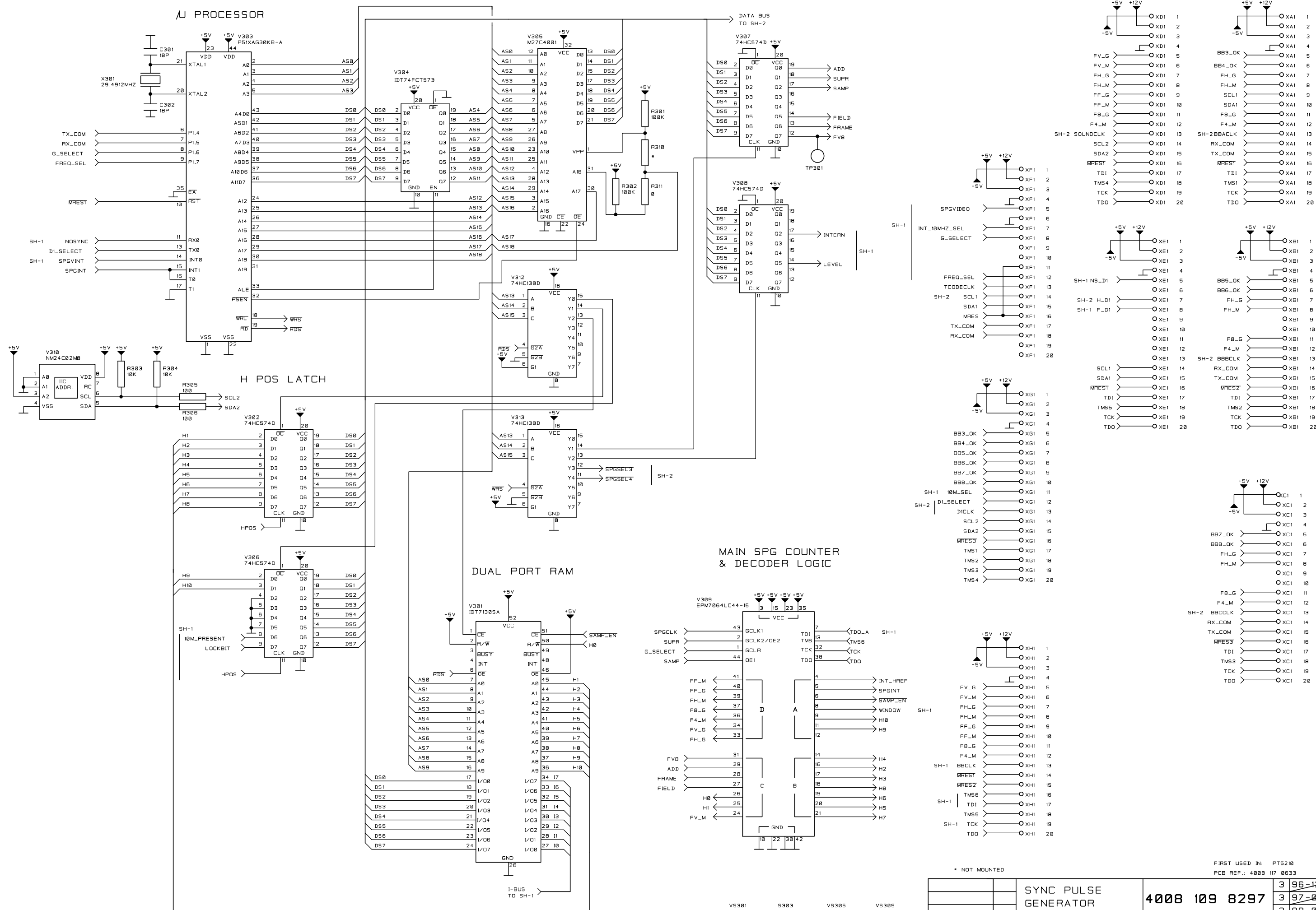
* NOT MOUNTED

FIRST USED IN: PT5210
PCB REF.: 4008 117 0633

CHECK:		NAME: SNJ/JML		3 SH		SH 130 - 1		3	
ABC029735CM A00333FCB		KU						3 98-06-15 3 97-01-22 2 96-10-09 3 98-01-19	
								3 98-06-15 3 97-01-22 2 96-10-09 3 98-01-19	



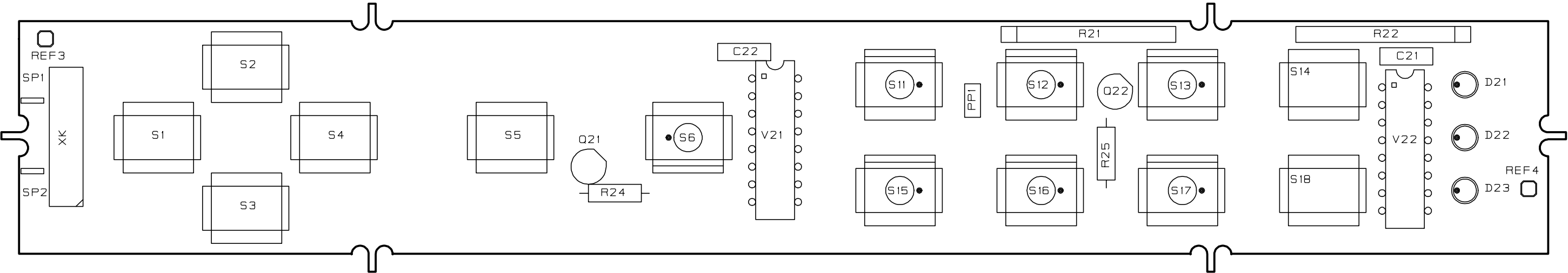
*NOT MOUNTED		FIRST USED IN: PT5210	
		PCB REF.: 4008 117 0633	
CHECK:		NAME: SNJ/J.M.L.	3 SH SH 130 - 2
BAC829735CM A 06333 .PCB		DATE: 96-03-29	A3L

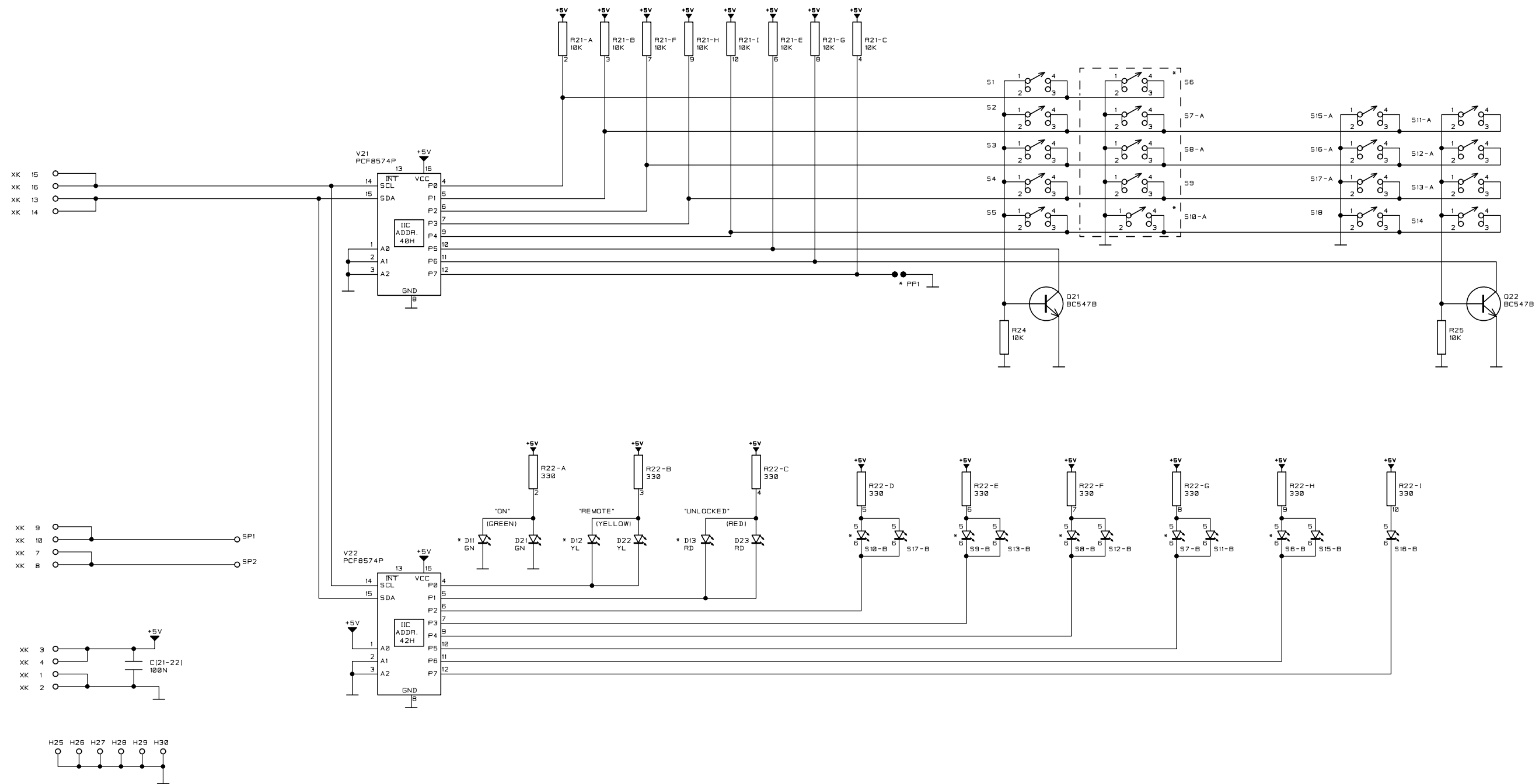


* NOT MOUNTED

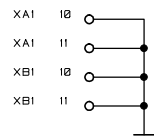
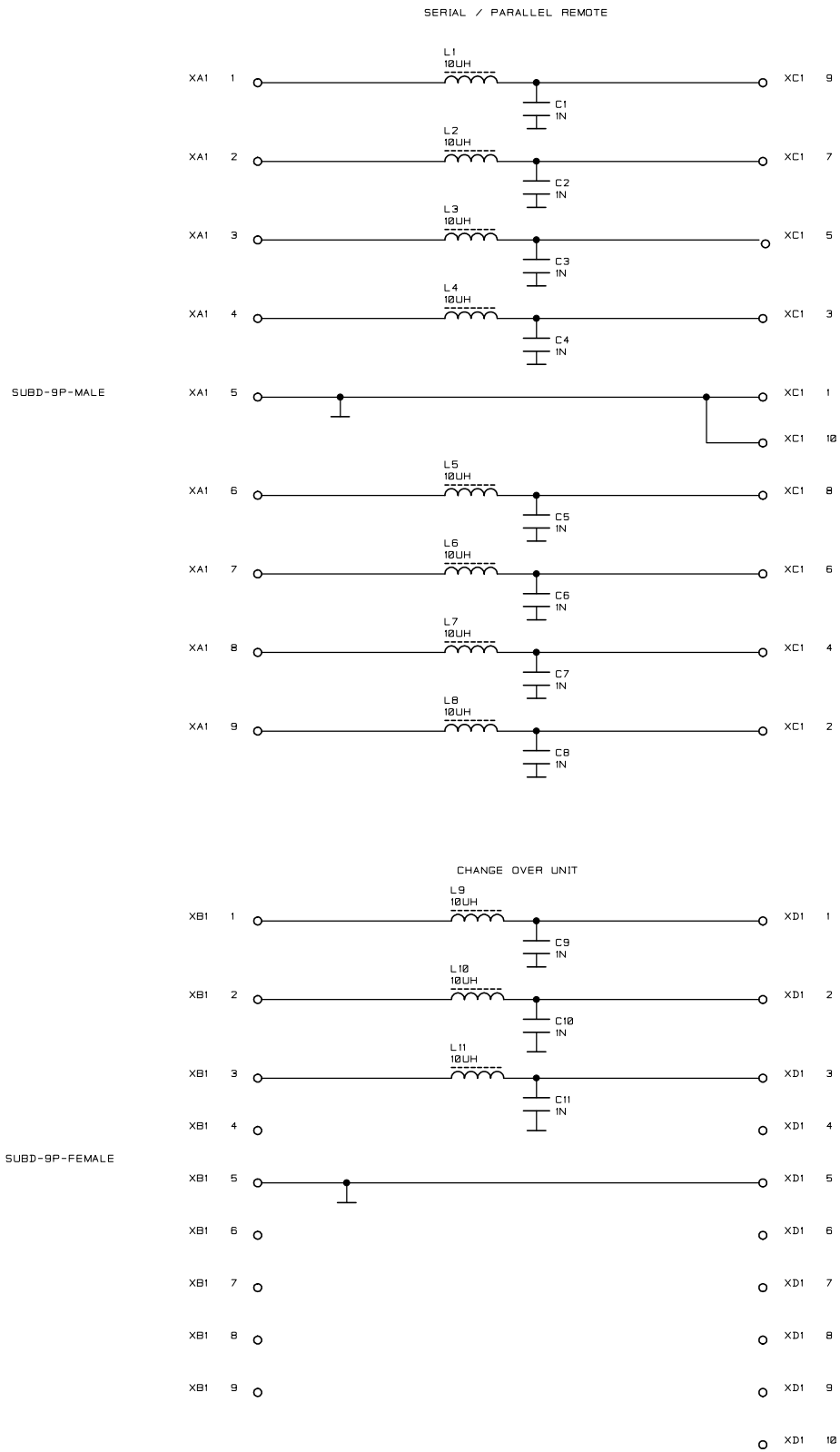
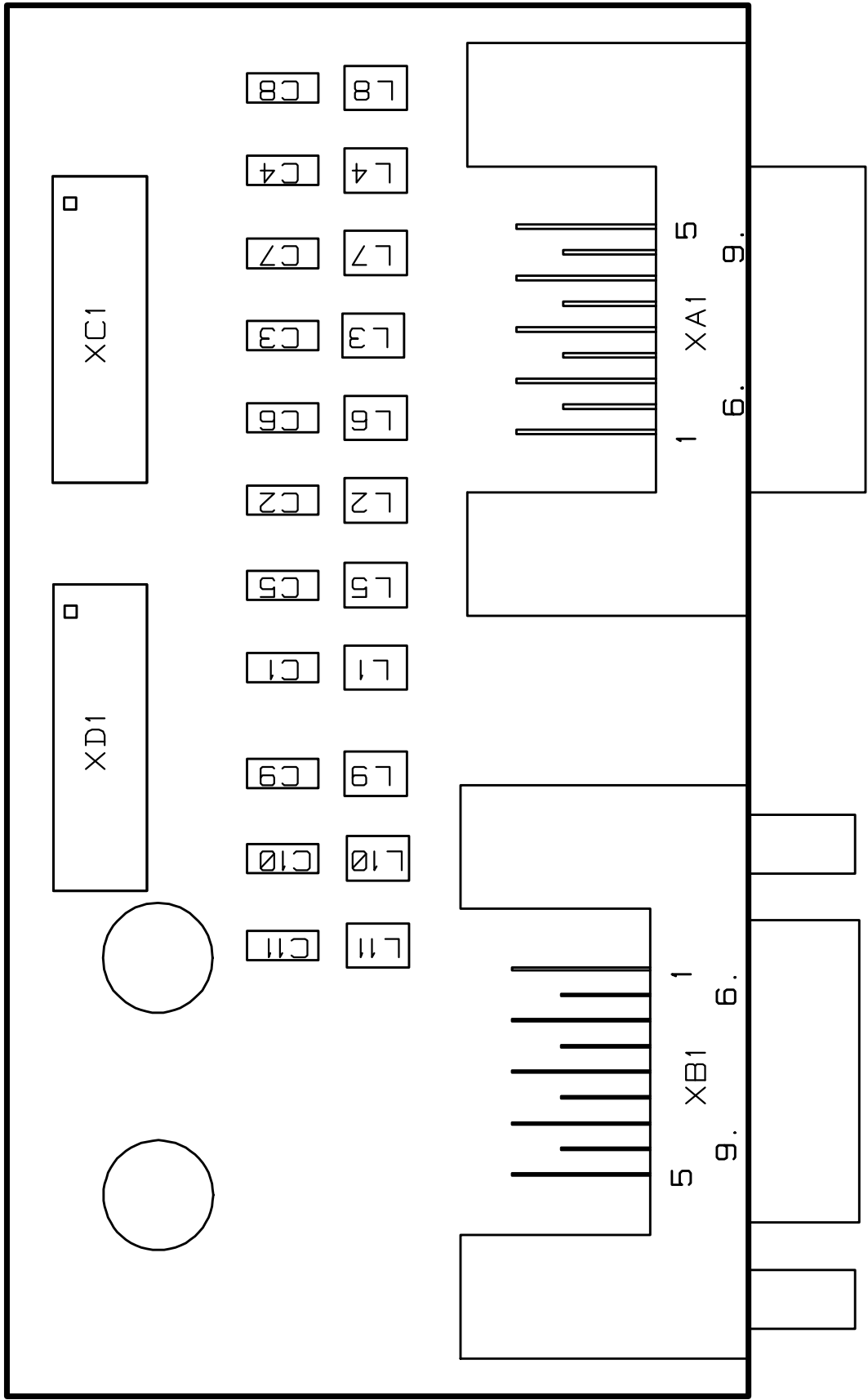
FIRST USED IN: PT5210

		SYNC PULSE GENERATOR	4008 109 8297	3	96-12-18		
				3	97-04-22		
				3	98-06-15		
CHECK:		NAME: SNJ/JML		3 SH	SH 130 - 3	3	96-11-22
CAB82973.SCM A06333.PCB		KU				DAT:	96-03-28 A3L





* NOT MOUNTED		FIRST USED IN: Pt5230	
		PCB REF.: 4008 117 0594	
		1U FRONTPLATE KEYBOARD	1 97-11-20
		Pt5230 M.B.	4008 109 8470 M.B.
CHECK:		NAME: GBG /JPA /JML	1 SH SH 130 - 1
A84701.SCM A05941.PCB		KU	DAT. 93-10-01 A3L



FIRST USED IN : PT5210		PCB REF.: 4008 117 0636	
REMOTE INTERFACE		4008 109 8304	1 96-06-10
CHECK:		NAME: PF/SMa	1 SH SH 130 - 1
A06361 .SCM A83041 .PCB		KU	DAT. 96-05-21 A4