

**Component-Level Information Packet**  
**for 08592-60043**  
**Analog Interface for HP 8592B and HP 8593A**

**Copyright © 1991 Hewlett-Packard Company**

**All Rights Reserved.**  
**Reproduction, adaptation, or translation**  
**without prior written permission**  
**is prohibited, except as allowed**  
**under the copyright laws.**

**HP Document Part Number 08592-90045**

**Printed December 1990**  
**Printed in USA**

The information contained in this document is subject to change  
without notice.





**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C2	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C3	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C4	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C7	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C8	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C10	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C11	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C12	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C13	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C14	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C15	0160-4800	6		1	CAP-FXD 120pF +-5% 100 V CER COG	02010	SA102A121JAAH
C16	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C17	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C18	0160-4800	6		1	CAP-FXD 120pF +-5% 100 V CER COG	02010	SA102A121JAAH
C19	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C20	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C21	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C22	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C23	0160-4822	2		1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SA201A102JAAH
C24	0160-6223	1		1	CAP-FXD 2uF 100 V POLYP-MET	05176	X335 2.0UF 100V 5%
C27	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C28	0180-3817	5		1	CAP-FXD 100uF 50 V AL-ELCTLT	00493	SRC50VB101M10X12.5LL
C30	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C31	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C32	0180-1746	5		1	CAP-FXD 15uF 20 V TA	04200	150D156X9020B2-DYS
C33	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C34	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C35	0180-3635	5		1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C36	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C37	0160-4831	3		1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C38	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C39	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C40	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C41	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C44	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C45	0160-4833	5		1	CAP-FXD 0.022uF 100 V	02010	SA201C223KAAH
C46	0160-4834	6		1	CAP-FXD 0.047uF 100 V	02010	SA301C473KAAH
C49	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C50	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C51	0180-0116	1		1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C52	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C53	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C54	0160-4831	3		1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C55	0180-3635	5		1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C57	0160-4831	3		1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C58	0180-3635	5		1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C59	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH

\*Indicates factory-selected value

**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C60	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SA201A102JAAH
C101	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C102	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C103	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C104	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C105	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C106	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C107	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C108	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C109	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C110	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C111	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C112	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C113	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C201	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C202	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C203	0160-5408	2	1	CAP-FXD 75pF 100 V	02010	SA102A750JAAH
C204	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C205	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C206	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C207	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C208	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C209	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C210	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C211	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C301	0160-4800	6	1	CAP-FXD 120pF +-5% 100 V CER COG	02010	SA102A121JAAH
C302	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C303	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C304	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C305	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C306	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C307	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C308	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C309	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C310	0160-4682	2	1	CAP-FXD 1000pF 160 V POLYP-FL	03441	
C311	0160-4682	2	1	CAP-FXD 1000pF 160 V POLYP-FL	03441	
C312	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C313	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C314	0160-4800	6	1	CAP-FXD 120pF +-5% 100 V CER COG	02010	SA102A121JAAH
C315	0180-0116	1	1	CAP-FXD 6.8uF 35 V TA	04200	150D685X9035B2-DYS
C316	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C317	0180-3635	5	1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C318	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C319	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C320	0180-3636	6	1	CAP-FXD 330uF 35 V AL-ELCTLT	00493	SR35VB331M12.5X15
CR1	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR2	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED

**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR3	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR4	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR5	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR6	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR101	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR102	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR201	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR202	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR203	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR301	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR302	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
J1	1251-8912	3	1	CONN-POST TYPE .100-PIN-SPCG 60-CONT	01380	534204-5
J2	1252-2365	0	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	78207-110
J3	1251-7683	3	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	01380	87227-5
J4	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J5	1252-2028	2	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	3591-5022
J6	1250-0543	8	1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
J7	1250-0257	1	1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	02788	5162-5021-09
J301	1252-2153	4	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	02946	69167-104
L1	9140-0245	2	1	INDUCTOR 445MH .335D-INX.924LG-IN	03273	28M443J-1
L2	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L3	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L4	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L5	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
MP2	1205-0478	3	1	HEAT SINK SGL TO-220-CS	02608	6071B
MP3	1205-0677	4	1	HEAT SINK PLSTC-PWR-CS	02608	6072B-SM5
MP4	0380-1360	3	1	STANDOFF-HEX 8-MM-LG M3.0 X 0.5-THD	02121	
MP5	5021-8672	9	1	STANDOFF-RF	28480	5021-8672
MP6	5021-8657	0	1	NUT STANDOFF	28480	5021-8657
MP7	0380-1842	6	3	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP8	1205-0583	1	1	HEAT SINK SGL TO-5/TO-39-CS	02608	2215B-SS1
MP9	6040-0454	0		HEAT SINK COMPOUND SYNTH/REFRC	07477	52022IJ
Q1	1855-0646	4	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-39 SI	03038	IRFF131
Q2	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q3	1855-0449	5	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE TO	02883	
Q4	1855-0686	2	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	02883	VP0300L(SEL)
Q5	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q6	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q8	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q9	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q10	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q202	1855-0292	6	1	TRANSISTOR J-FET 2N5432 N-CHAN D-MODE TO	02883	2N5432
Q301	1855-0517	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220 S	02037	MTP8P10
R1	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R2	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R3	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R4	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25

*\*Indicates factory-selected value*

**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R5	0698-6343	5	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R6	0698-6344	6	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R7	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R8	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R9	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R10	0699-0517	5	1	RESISTOR 5.621K +-0.1% .1W TF TC=0+4	02995	5023Z
R11	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R12	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R13	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R14	0757-0417	8	1	RESISTOR 562 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R15	0698-3440	7	1	RESISTOR 196 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R16	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R17	0698-6343	5	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R18	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R19	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R20	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R21	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R22	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R23	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	00746	CRB20
R24	0698-3904	8	1	RESISTOR 14.7K .1% .1W TF TC=0+-10	02995	5023Z
R25	0699-1269	6	1	RESISTOR 2.31K +-0.1% .1W TF TC=0+-10	02995	5023Z
R26	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R27	0698-5362	6	1	RESISTOR 1.477K +-0.1% .1W TF TC=0+-5	02995	5023Z
R28	0698-8831	0	1	RESISTOR 13.4K +-0.1% .125W TF TC=0+-10	02995	5033Z
R29	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	02995	5023Z
R30	0699-1146	8	1	RESISTOR 9.064K +-0.1% .1W TF TC=0+4	02995	5023Z
R31	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R32	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R33	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R34	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R35	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R36	0698-3153	9	1	RESISTOR 3.83K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R37	0698-8877	4	1	RESISTOR 22.1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R38	0699-1825	0	1	RESISTOR 50 +-1% .3W MF TC=0+-5	02091	RCK02A
R39	0699-1825	0	1	RESISTOR 50 +-1% .3W MF TC=0+-5	02091	RCK02A
R40	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R41	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R42	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R44	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R45	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R46	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R47	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R48	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R49	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R50	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R51	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R52	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R53	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25

**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R54	0698-6358	2	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R55	0698-6355	9	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R56	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R57	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R58	0698-3155	1	1	RESISTOR 4.64K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R59	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R60	0698-3153	9	1	RESISTOR 3.83K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R61	0757-0460	1	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R64	0698-8838	7	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-100	02995	5033Z
R65	0698-3942	4	1	RESISTOR 69.8K .1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R66	0698-7332	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	02995	5033R
R67	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R69	0757-0477	0	1	RESISTOR 332K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R70	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R72	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R101	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R102	0698-6630	3	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R103	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R104	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R105	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R106	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R107	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R108	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R110	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R111	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R112	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R113	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R114	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R115	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R116	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R117	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R118	0698-7245	8	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	00746	CRB20
R119	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R120	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R121	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R122	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R201	0698-0083	8	1	RESISTOR 1.96K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R202	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R203	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R205	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R206	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R207	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R208	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R209	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R210	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R211	0683-2015	9	1	RESISTOR 200 5% .25W CF TC=0-400	00746	R-25J
R212	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

\*Indicates factory-selected value

**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R213	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R214	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R215	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R216	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R217	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R218	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R219	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R220	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R221	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R222	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R223	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R301	0698-6343	5	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R302	0698-6344	6	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R303	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R304	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R305	0699-1147	9	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	02995	5023Z
R306	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R307	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R308	0699-1268	5	1	RESISTOR 1.395K +-0.1% .1W TF TC=0+-10	02995	5023Z
R309	0698-7285	6	1	RESISTOR 110K +-1% .05W TF TC=0+-100	00746	CRB20
R310	0698-6406	1	1	RESISTOR 8.54K +-0.1% .1W TF TC=0+4	02995	5023Z
R311	0699-1866	9	1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	02995	5023Z
R312	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R313	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R314	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R315	0811-1084	3	1	RESISTOR 22 +-5% 3W PWI TC=0+-30	01854	T2B-79
R316	0698-3160	8	1	RESISTOR 31.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R317	0698-8625	0	1	RESISTOR 1K +-0.1% .1W TF TC=0+-5	02995	5023Z
R318	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
TP1	0360-1682	0	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP2	0360-1682	0	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1820-3079	0	1	IC DCDR CMOS/74HC BIN 3-TO-8-LINE	02037	MC74HC138N
U2	1826-11933	5	1		28480	1826-11933
U5	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U6	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U7	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U8	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U9	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U10	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U11	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U12	1826-1969	5	1	IC OP AMP LOW-DRIFT DUAL 8-DIP-C PKG	03285	AD708AQ
U13	1810-0318	3	1	NETWORK-RES 6-SIP 1.0K OHM X 5	02483	750-61
U14	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-01FQ
U15	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U16	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U17	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
U18	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U19	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ



**HP Part Number 08592-60043**  
**Analog Interface Microwave**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U20	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPD 8-DIP-C PKG	01698	TL071ACJG (PER HP DWG)
U21	1826-1049	2	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-27GZ
U22	1826-1459	8	1	IC OP AMP CUR 14-DIP-C PKG	02180	OP-50FY
U23	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U24	1820-3079	0	1	IC DCDR CMOS/74HC BIN 3-TO-8-LINE	02037	MC74HC138N
U25	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U26	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U27	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U29	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U31	1826-1186	8	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-06GQ
U32	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPD 8-DIP-C PKG	01698	TL071ACJG (PER HP DWG)
U101	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U102	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U103	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U104	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U105	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U106	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U107	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U108	1826-0759	9	1	IC COMPARATOR GP QUAD 14-DIP-C PKG	02037	LM339J
U109	1858-0074	8	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ6100
U110	1820-0471	0	1	IC DRVR TTL BUS HEX	01698	SN7406N
U111	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U201	1820-3146	2	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC175N
U202	1820-5047	6	1	IC-INTERFACE DRVR BIPOLAR DISPLAY HIGH	04200	UDN2595A-1 (SELECTED)
U203	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U204	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U205	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U206	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U207	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U208	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U209	1858-0076	0	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2907P
U301	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U302	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U303	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U304	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U305	1826-0988	6	1	SAMPLE AND HOLD 14 -CERDIP	02180	SMP-11GY
U306	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U307	0950-1885	6	1	DC TO DC CONV 5 V-9 V	04121	HA19-075-05
U308	1810-1079	5	1	NETWORK-RES 8-DIP 10.OK OHM X 4	01607	F08B103A
U309	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U310	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
VR1	1902-3160	4	1	DIODE-ZNR 10V 2% DO-35 PD=.4W TC=+.06%	02037	
VR2	1902-0951	5	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	
VR3	1902-0950	4	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	
VR4	1902-0962	8	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	
VR101	1902-0958	2	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.075%	02037	
VR201	1902-0959	3	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	
VR301	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	

\*Indicates factory-selected value

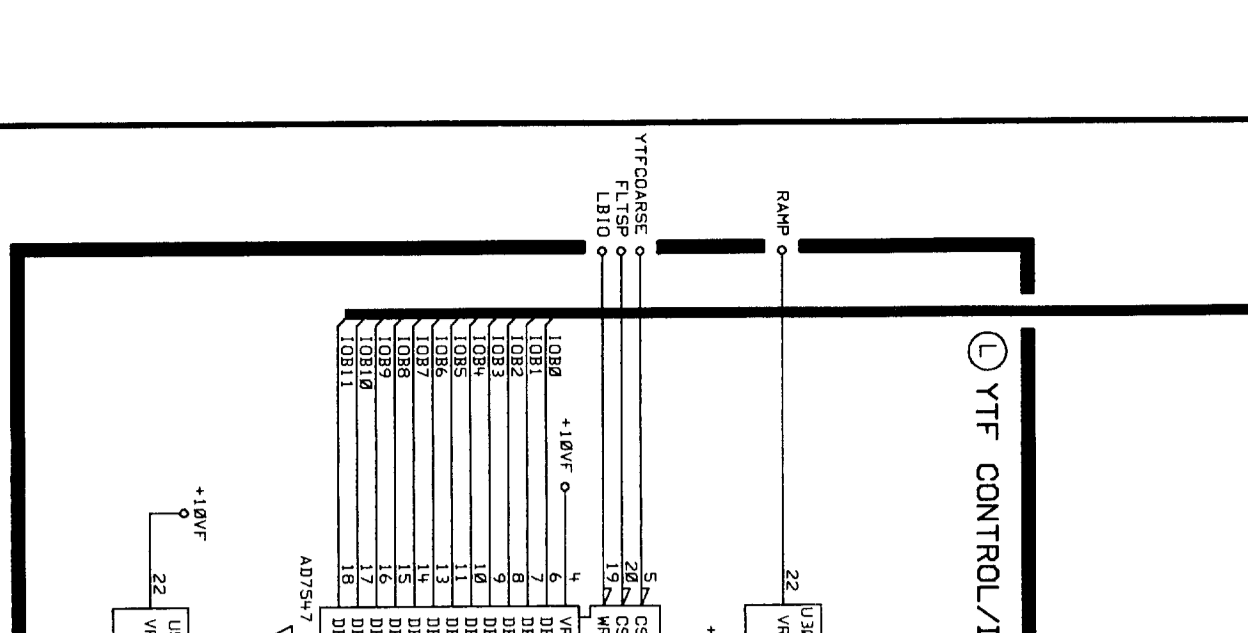
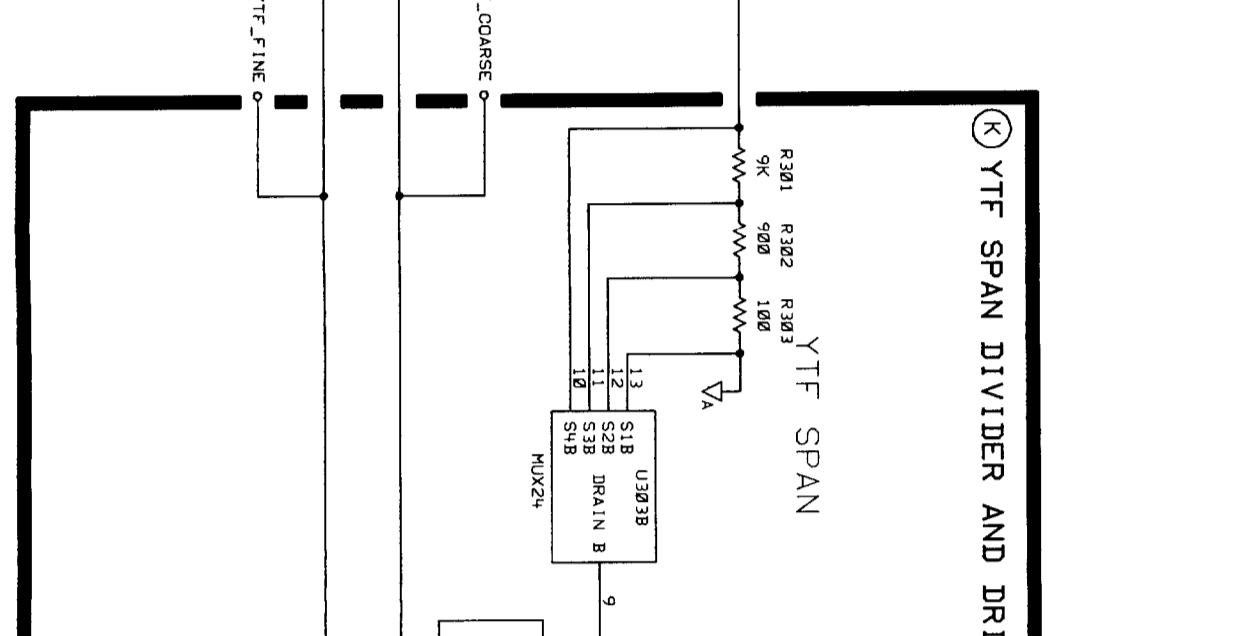
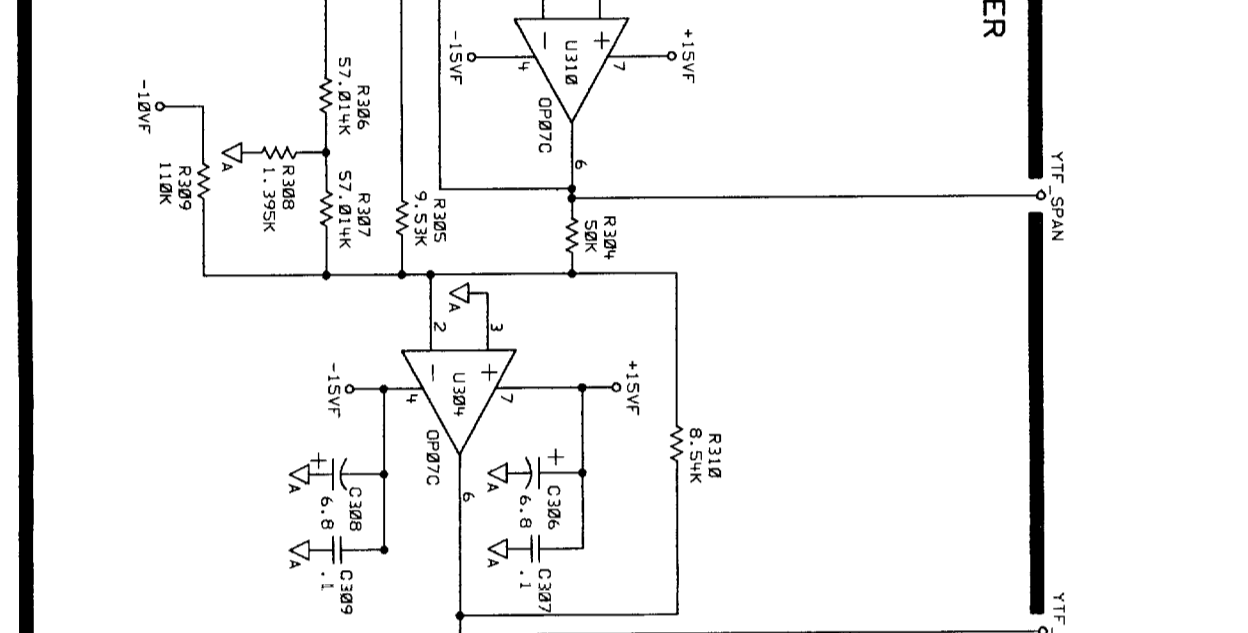
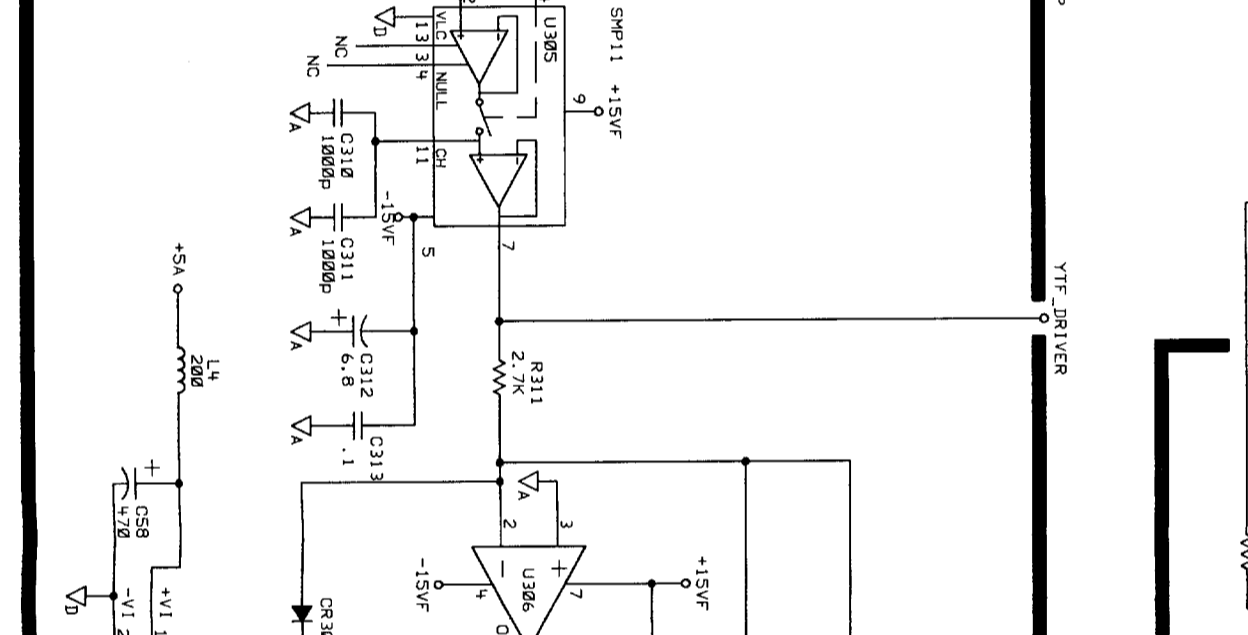
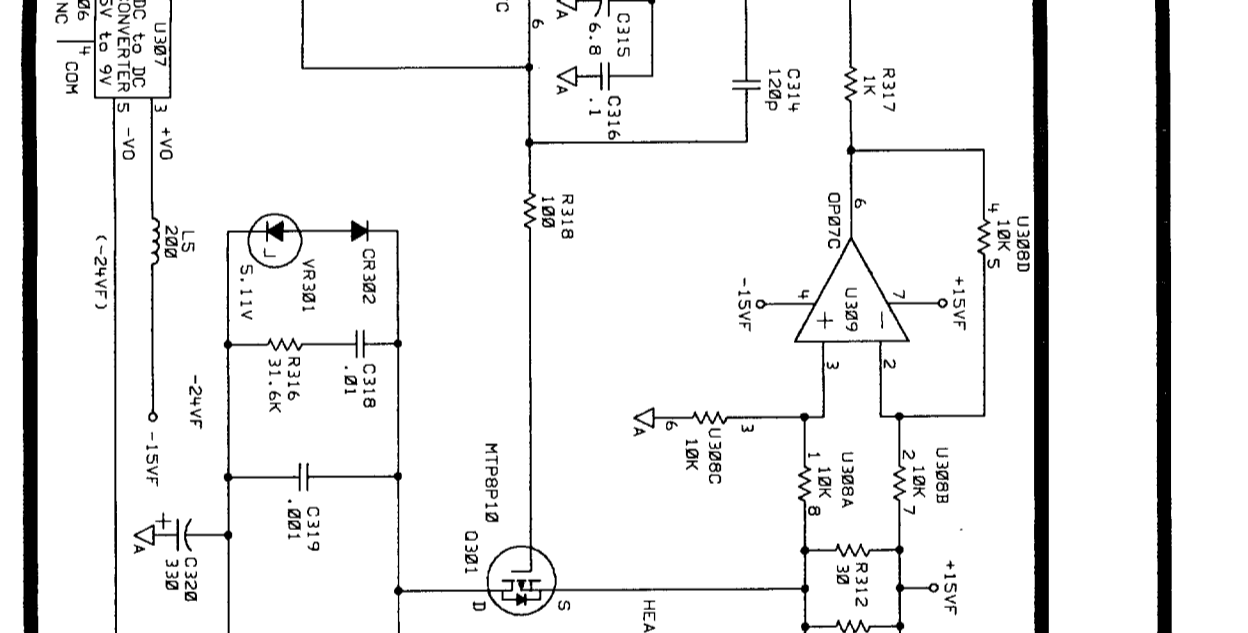
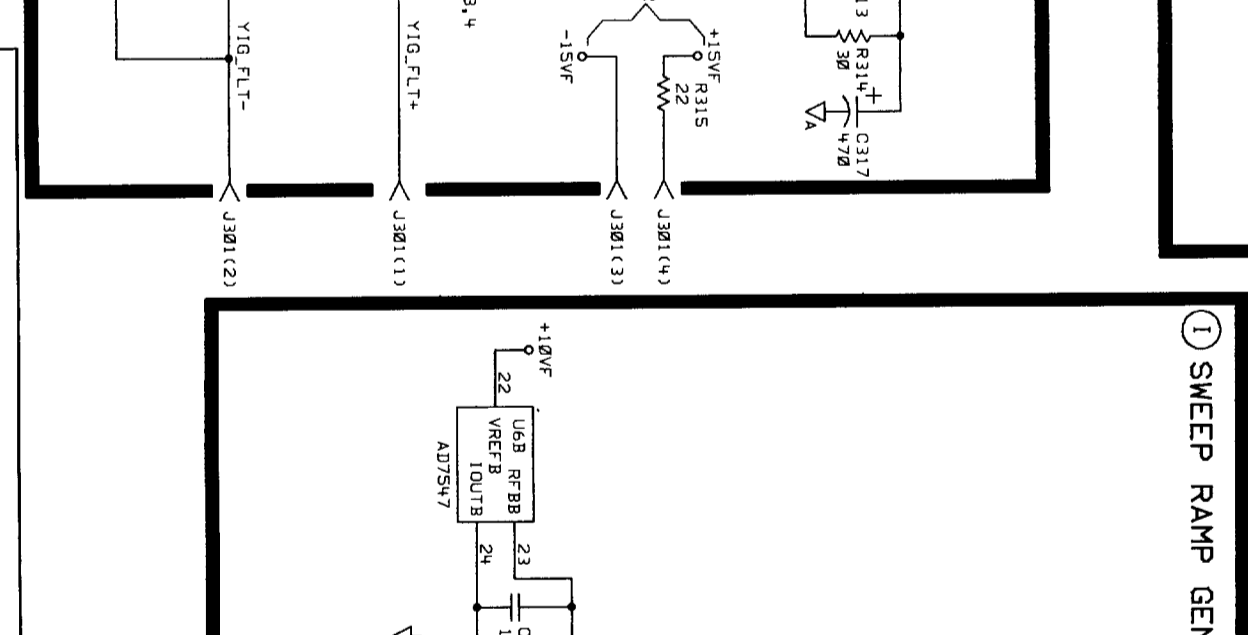
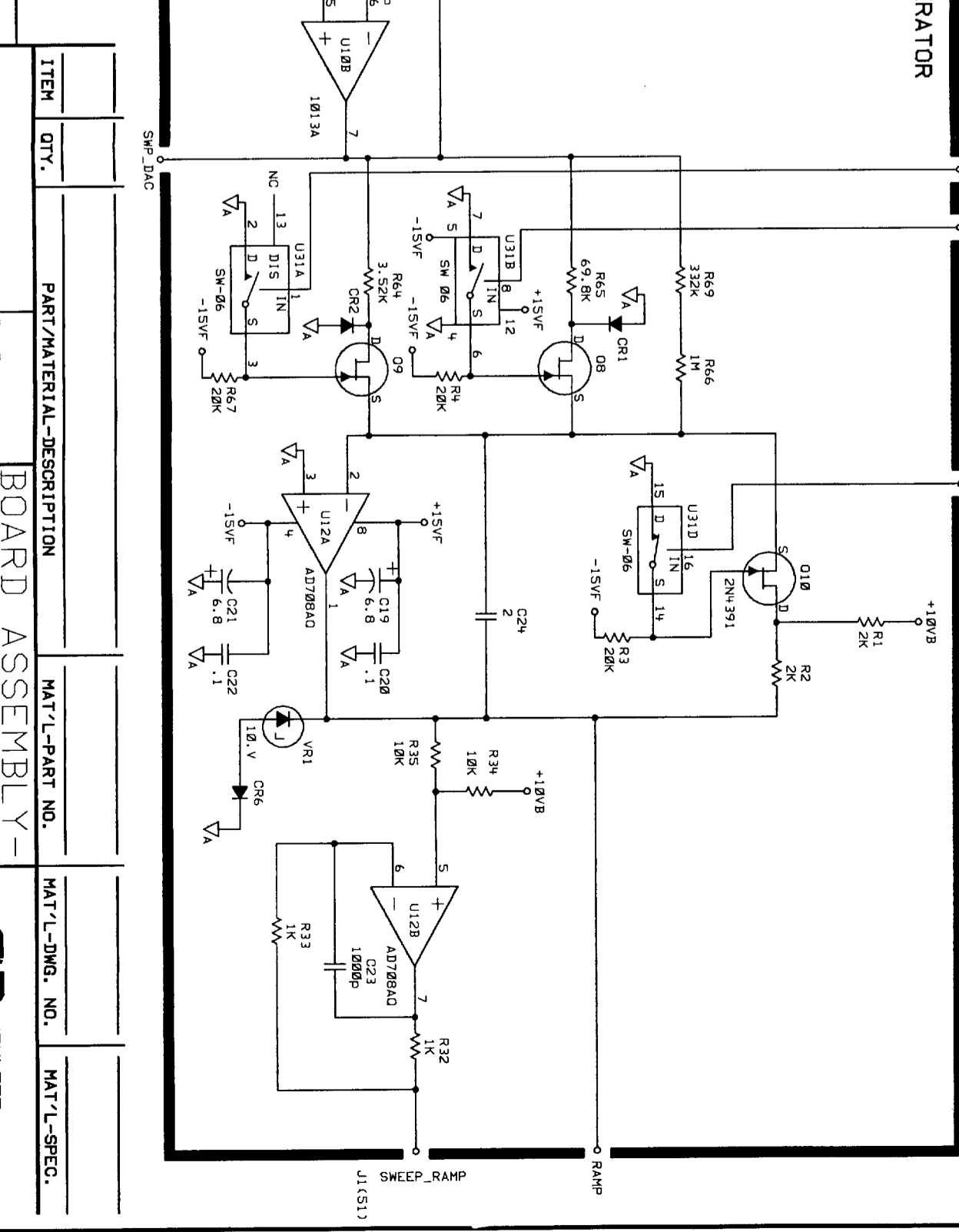
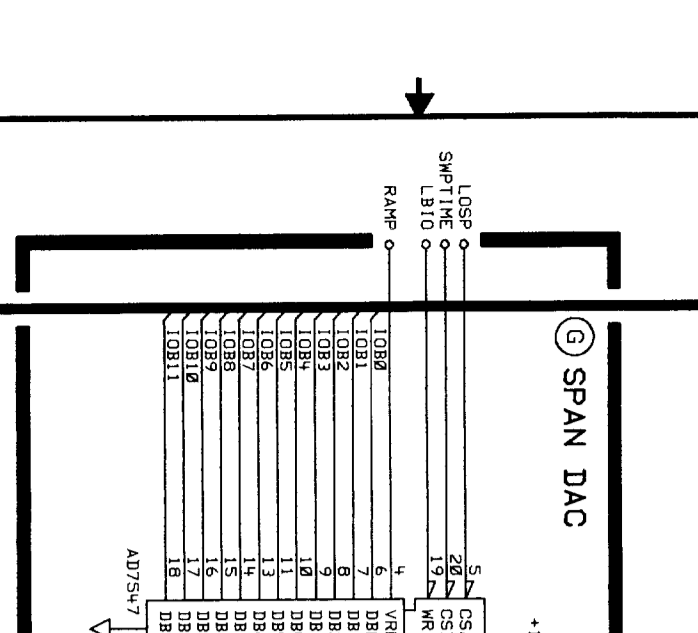
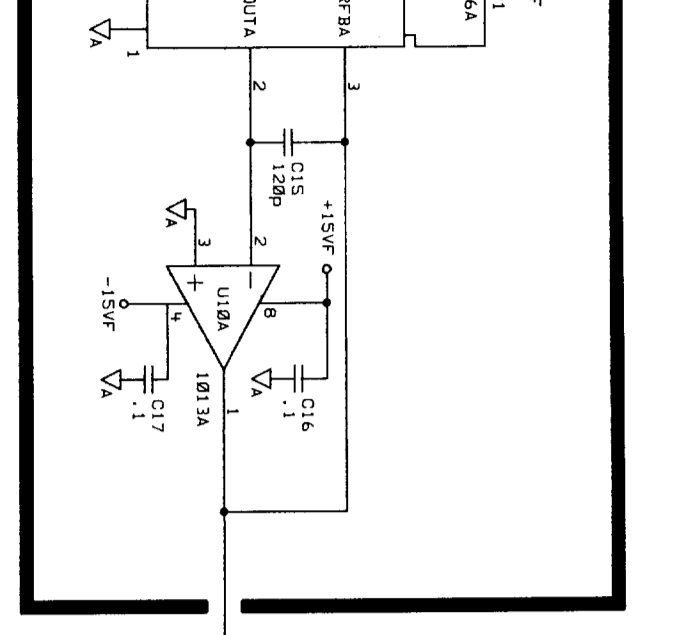
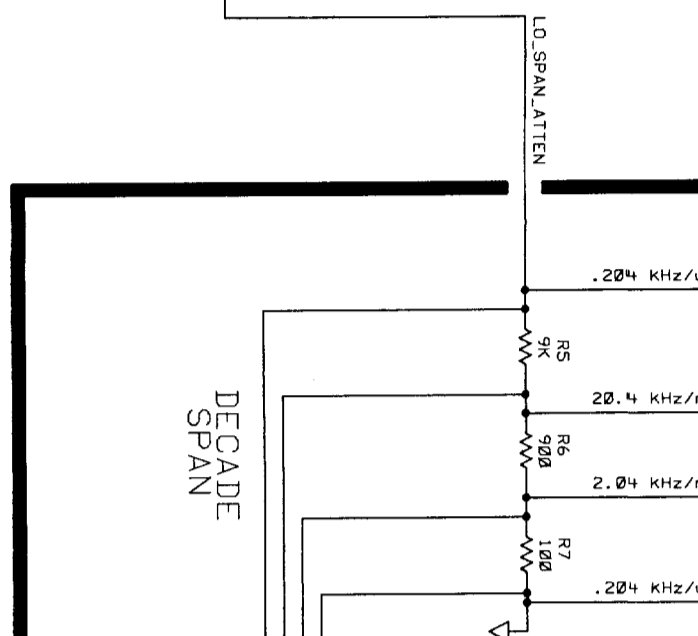
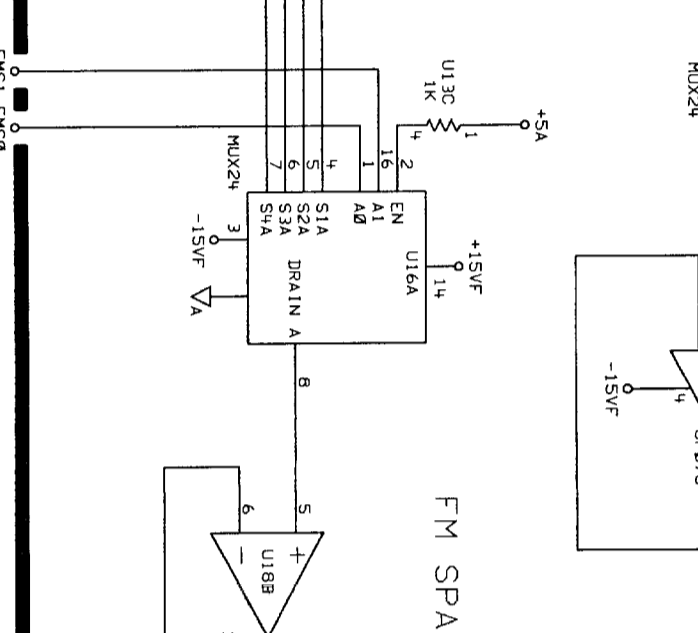
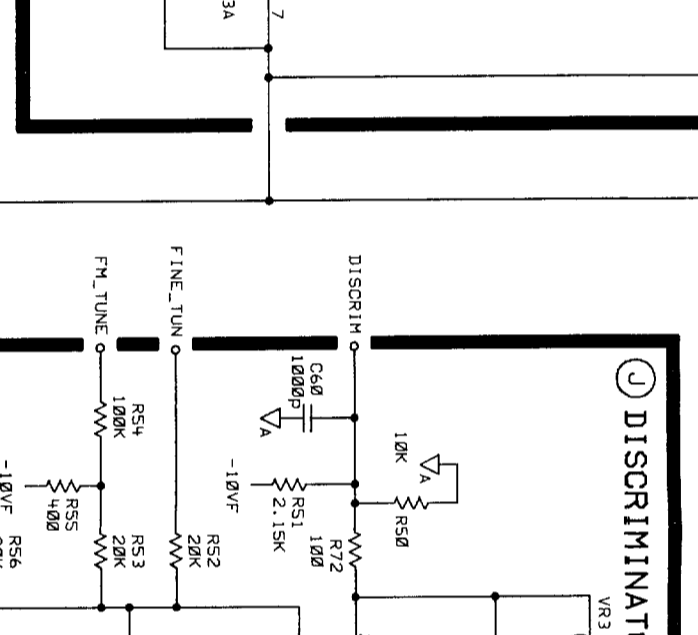
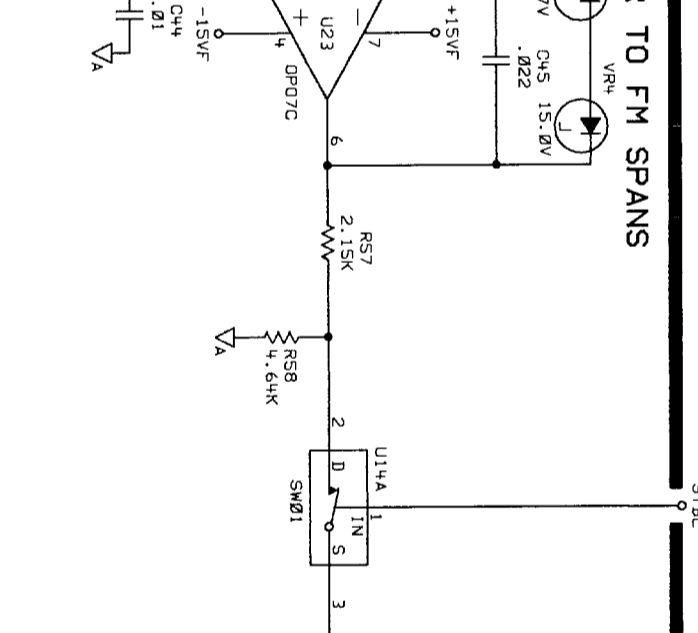
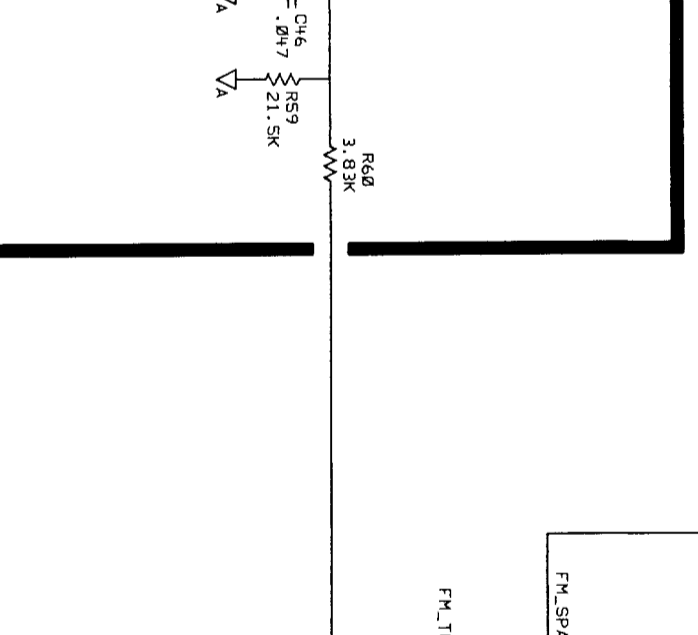
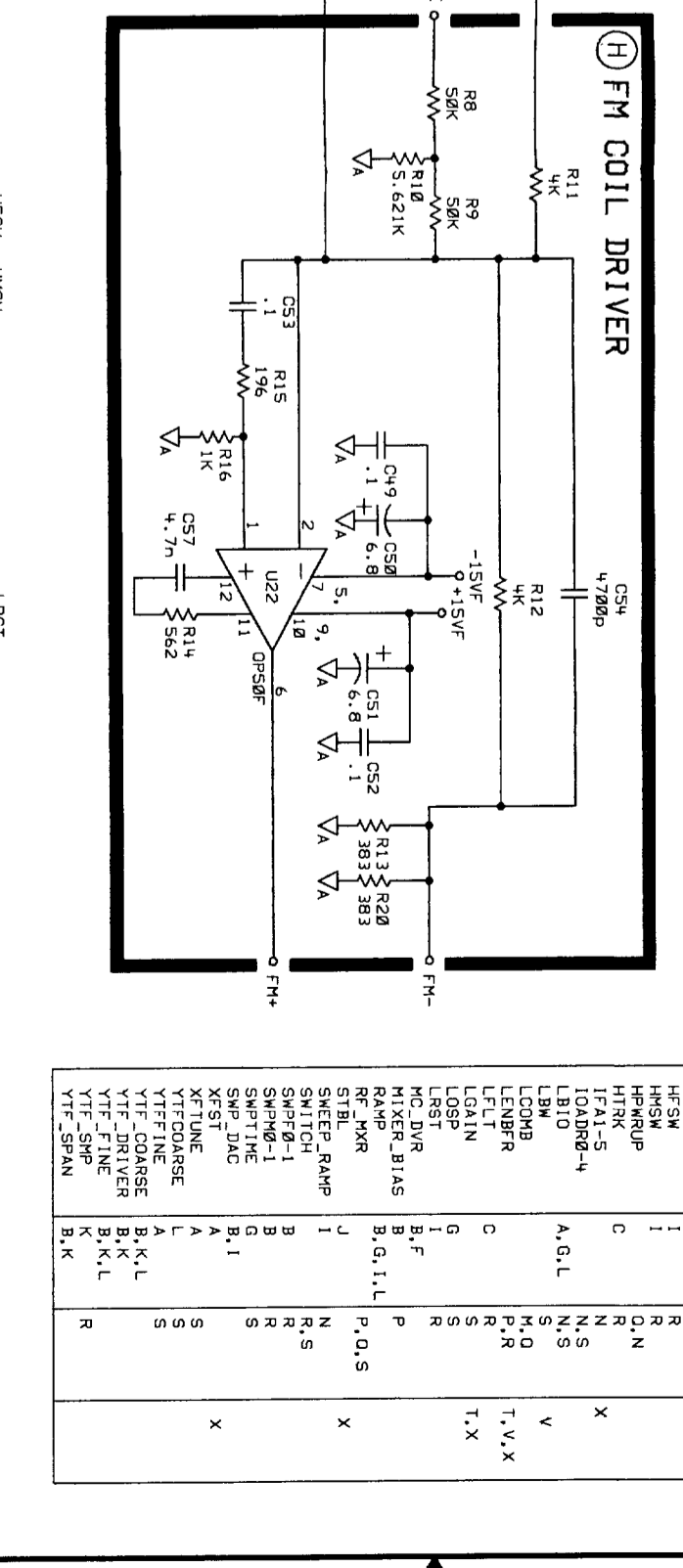
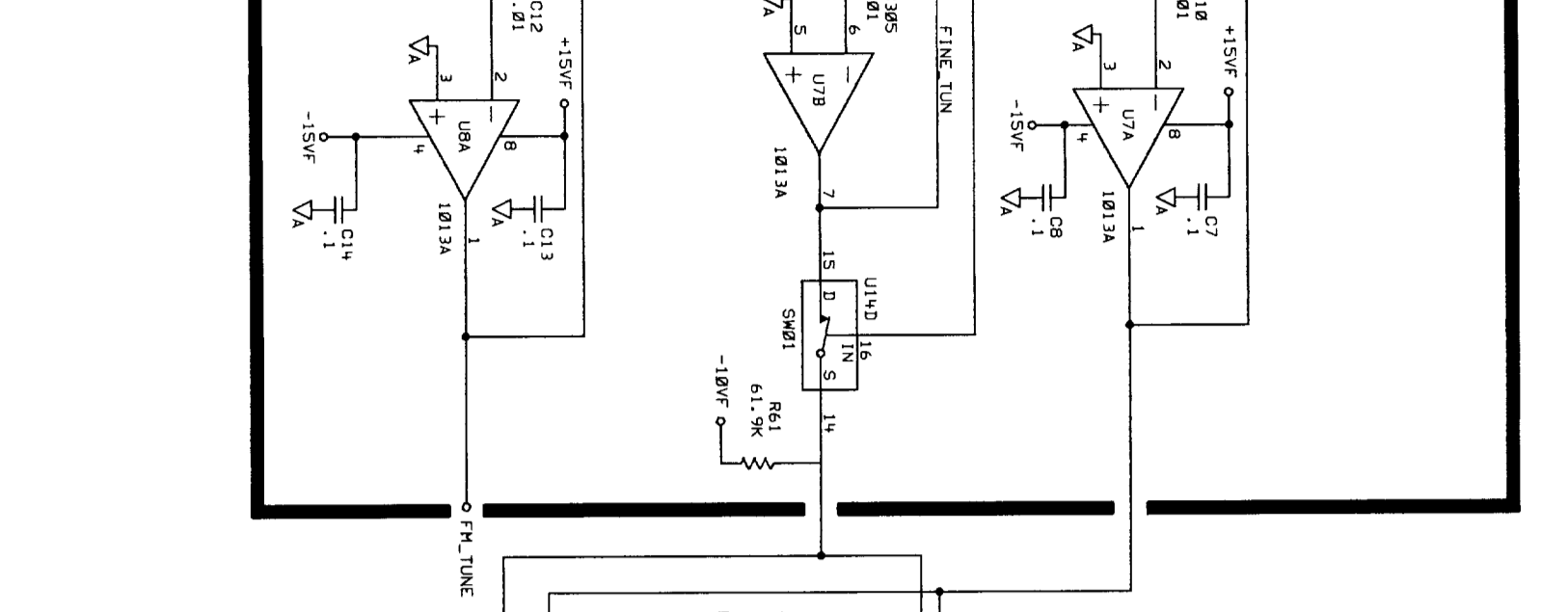
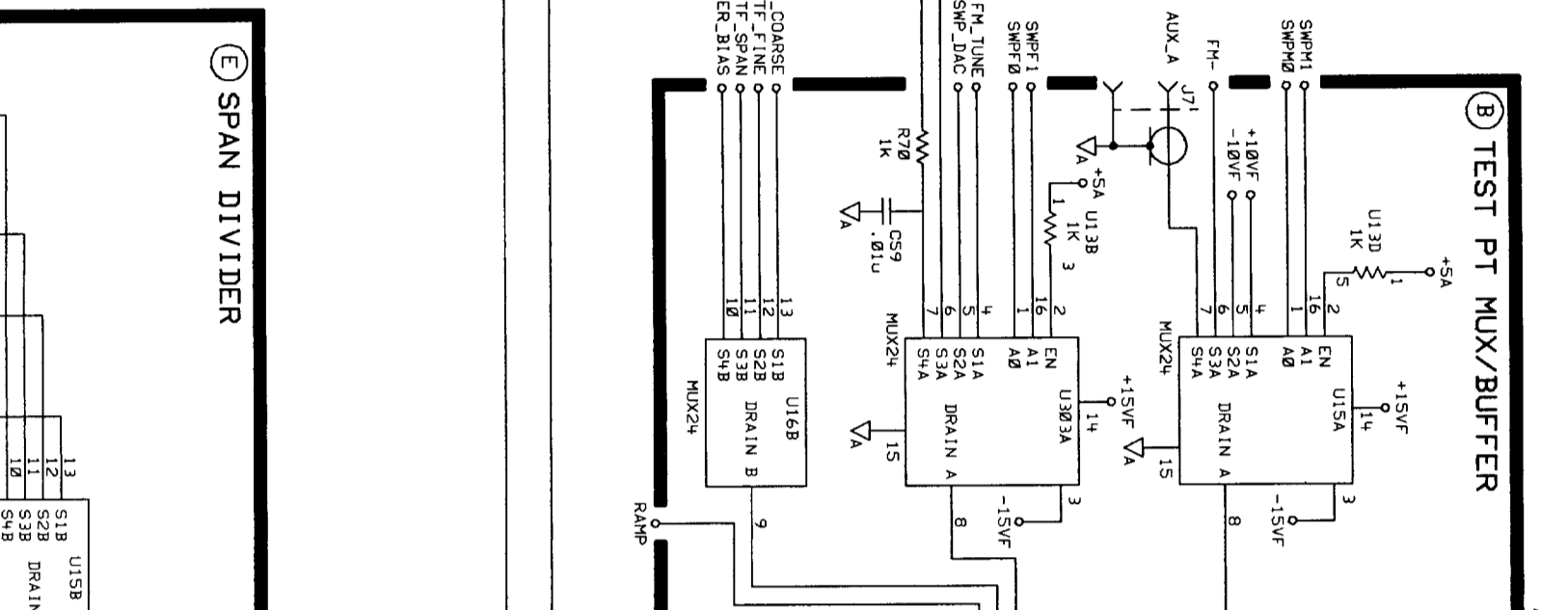
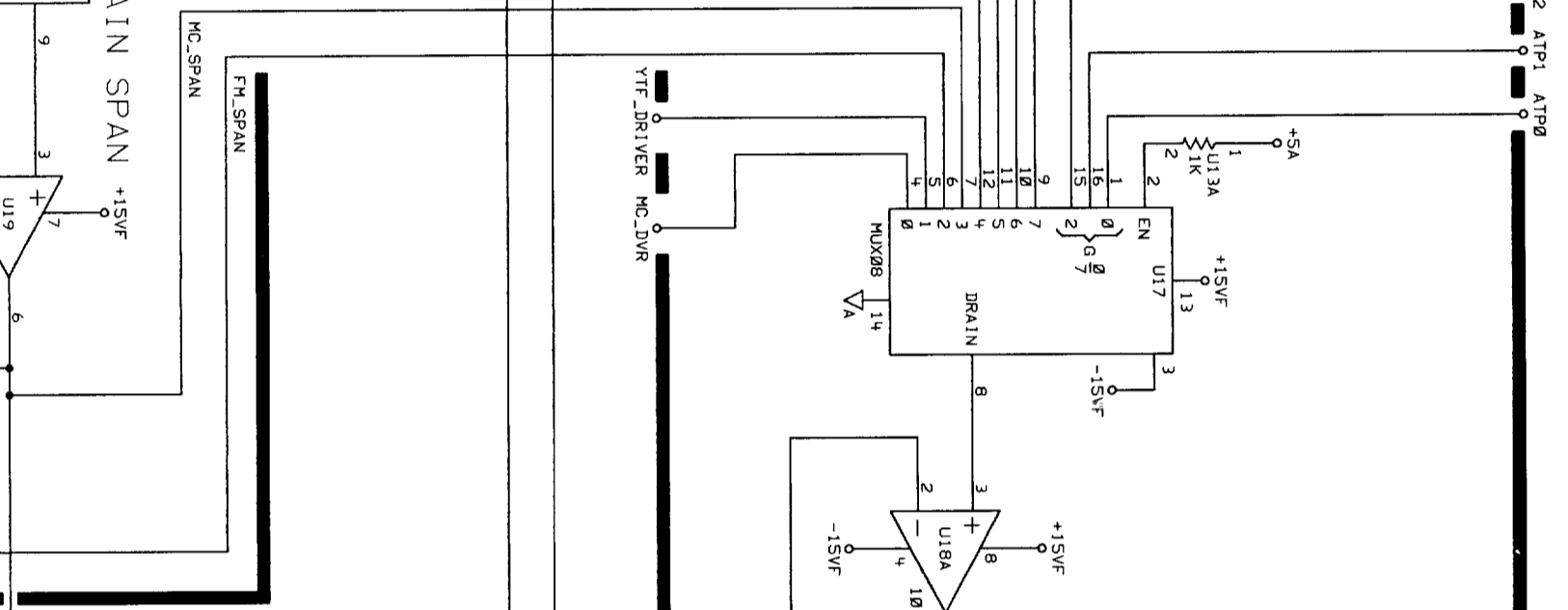
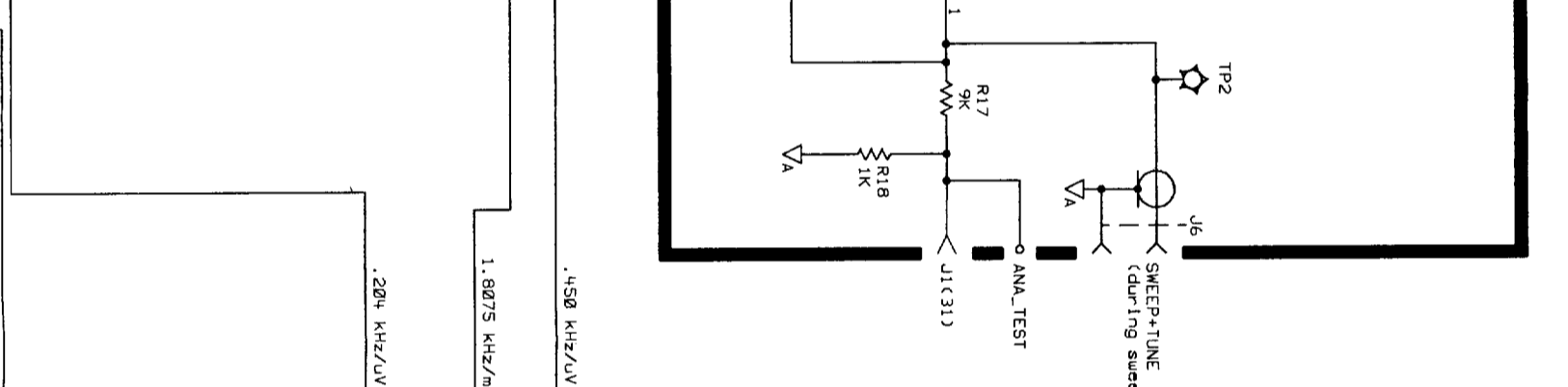
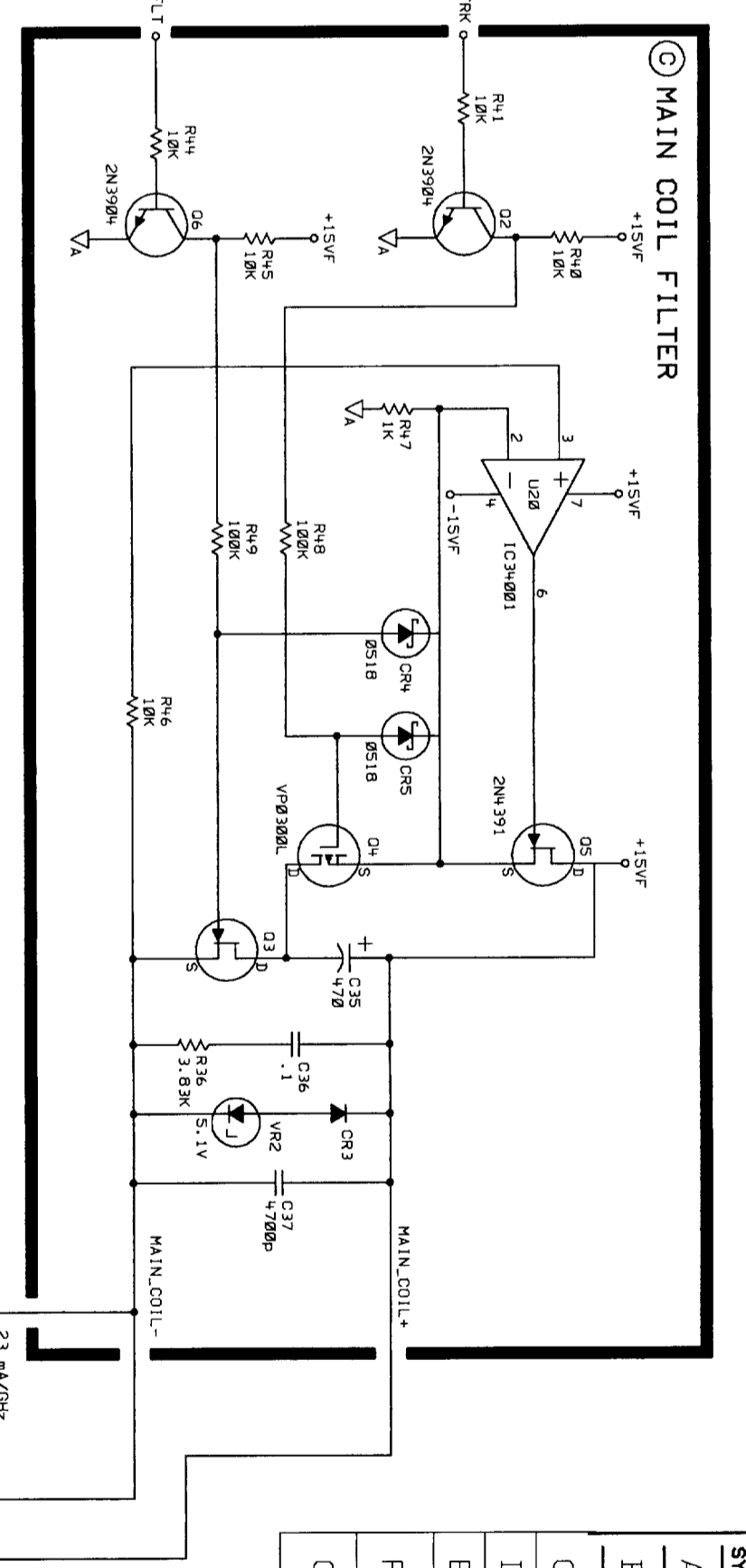
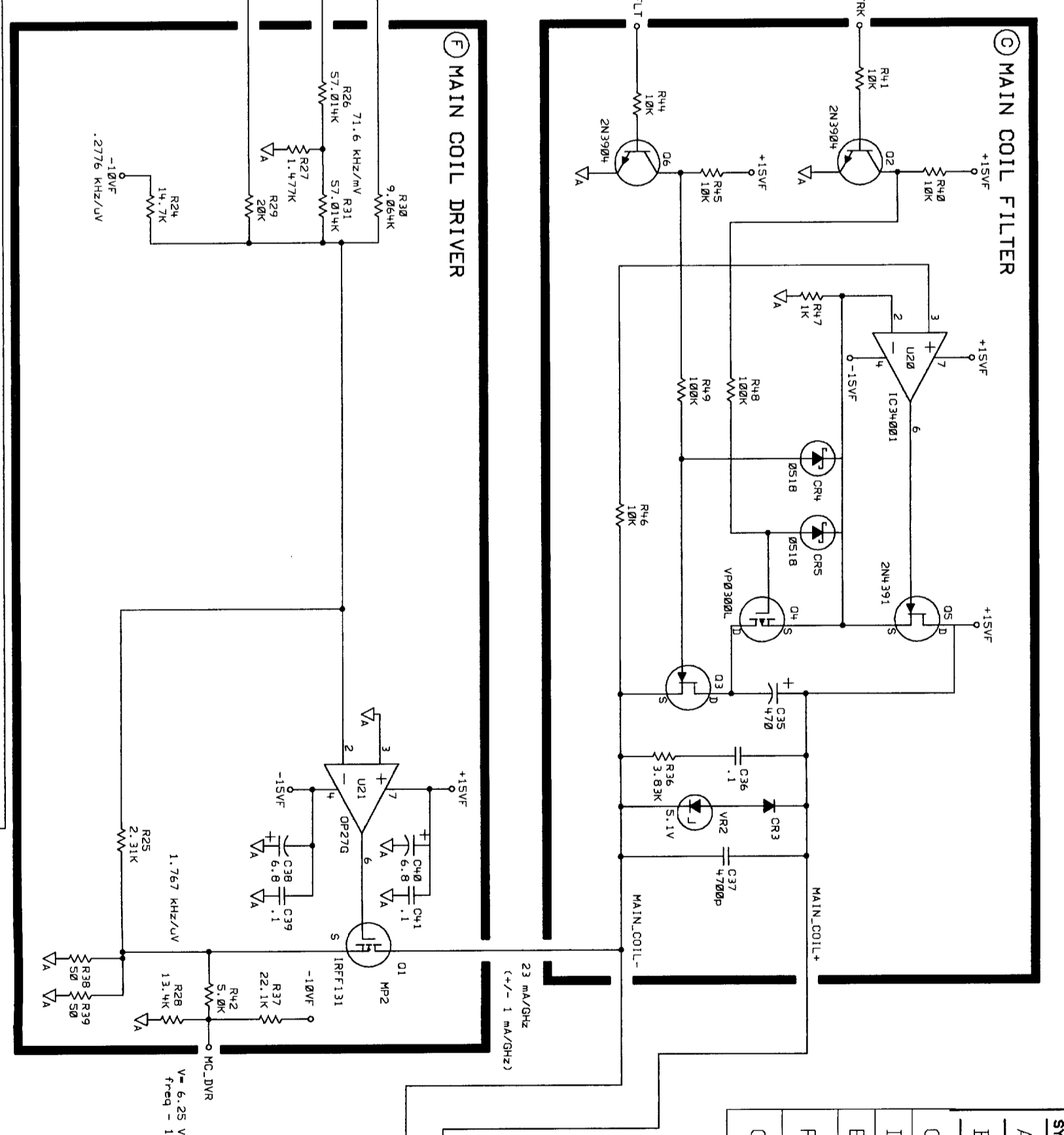
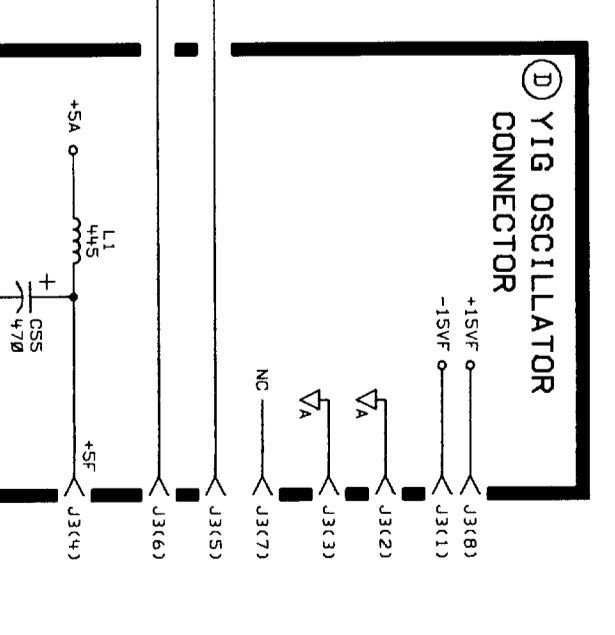




REV	DESCRIPTION	DATE
A		
B		
C		
D		
E		
F		
G		

NOTES:  
 1. REFER TO THE DESIGNER'S MATH SYMBOLS FOR THE INITIAL ABREVIATION WITH ASSEMBLY DESIGNATION.  
 2. UNLESS OTHERWISE INDICATED, RESISTANCE IN OHMS (R), KILOHMS (K), MEGOHMS (M), AND GIGAOHMS (G).  
 3. INDUCTIVE TABLE

SYMBOL	DESCRIPTION
R	RESISTOR
C	CAPACITOR
U	IC
Q	DIODE
L	INDUCTOR
W	WIRE
+	POSITIVE SUPPLY
-	NEGATIVE SUPPLY
0	GROUND



HP PROPRIETARY  
 THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS HEWLETT-PACKARD (HP) PROPERTY. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY HP.

ITEM	QTY	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DMG. NO.	MAT'L-SPEC.

BOARD ASSEMBLY-ANALOG INTERFACE  
 08592-60043  
 PART NUMBER  
 SCALE SHEET 1 OF 3



