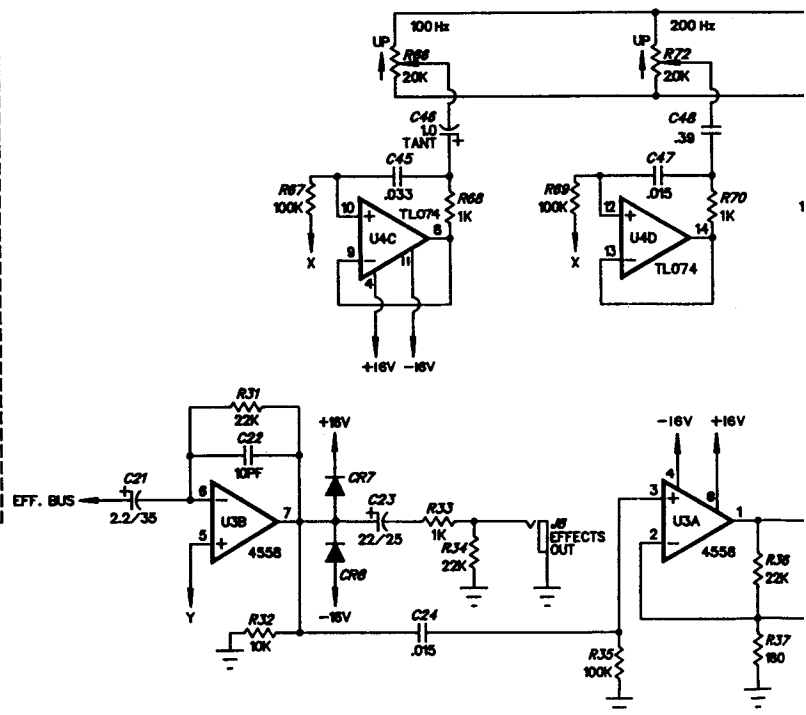
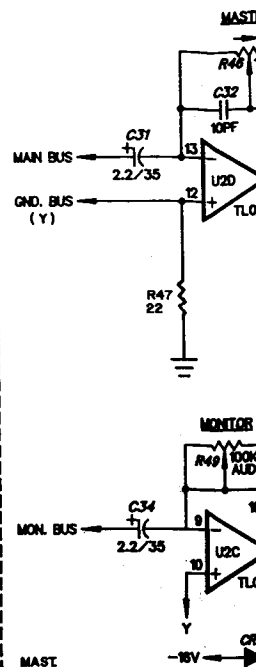
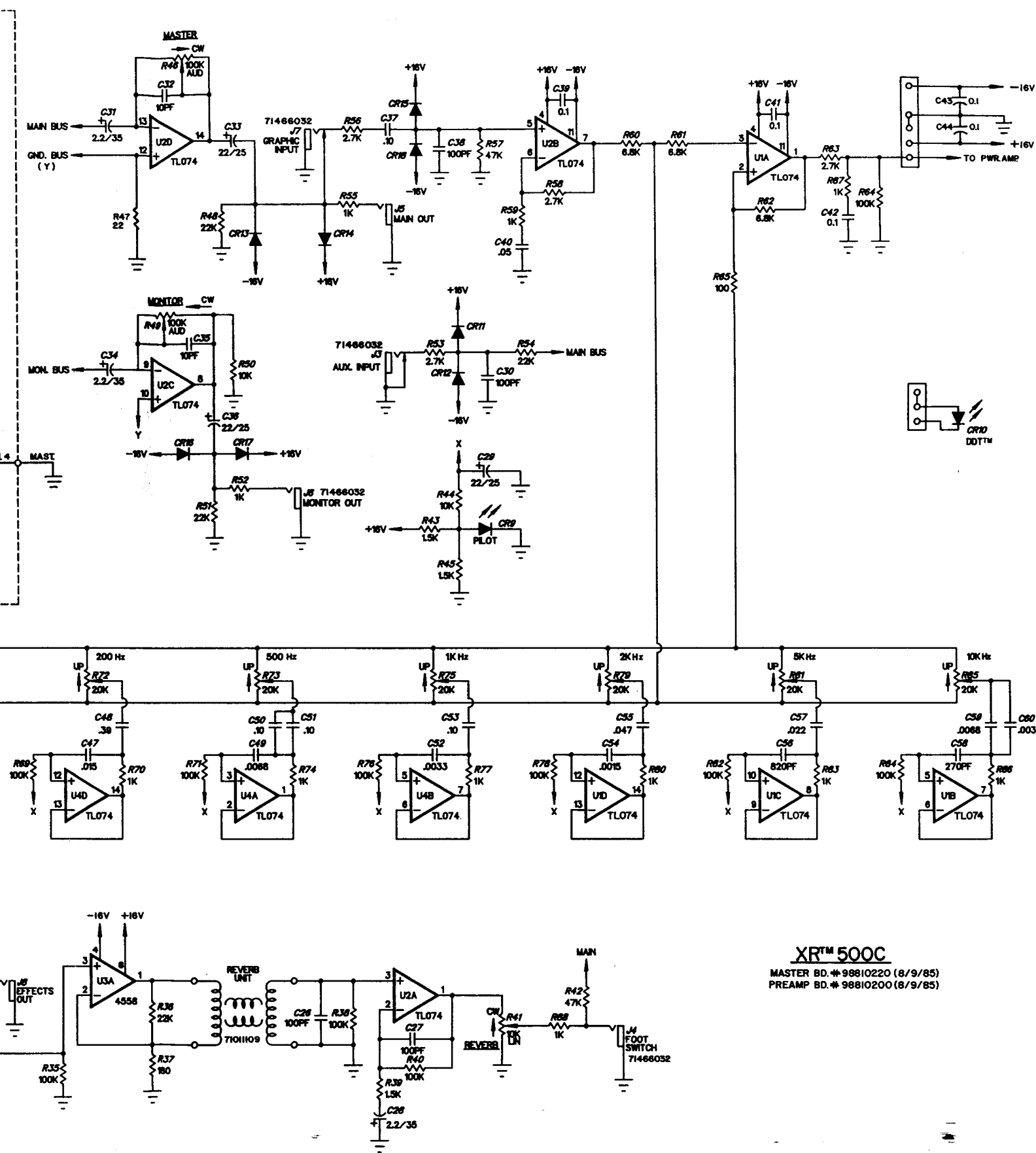




● 1988 PEAVEY ELECTRONICS CORP. PRINTED IN U.S.A.



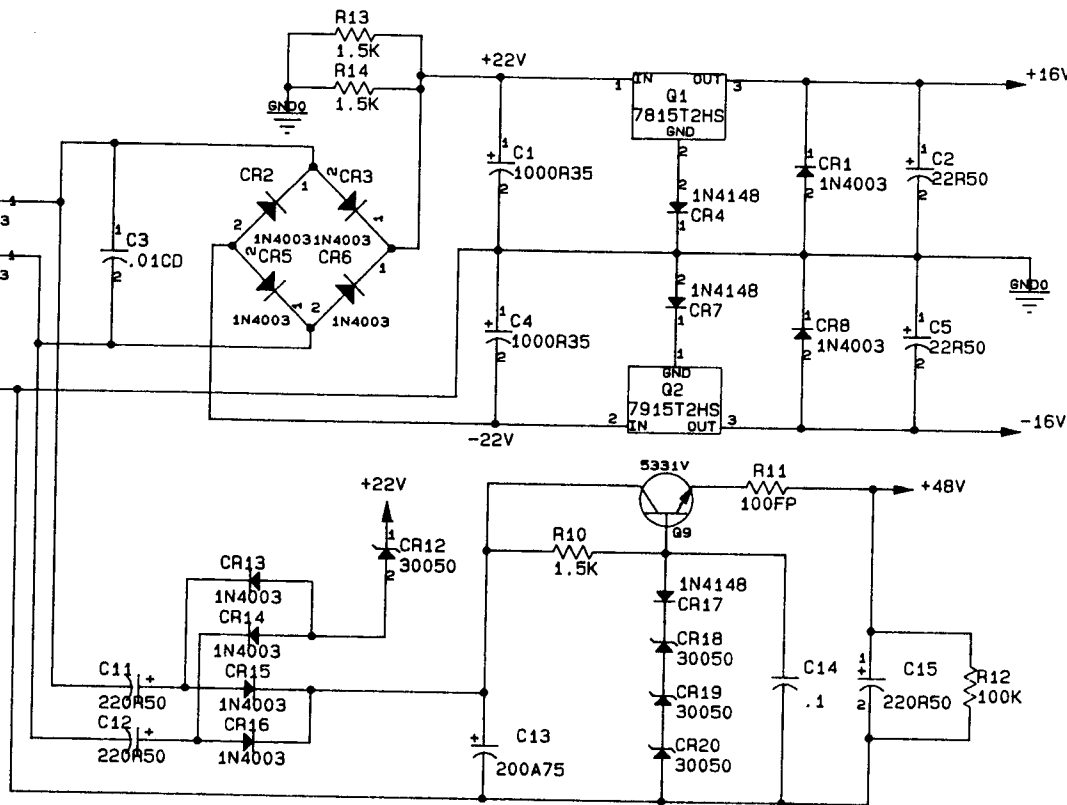
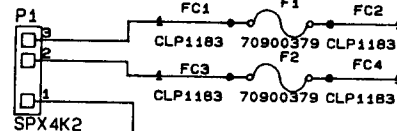
XR™ 500C

MASTER BD. # 98810220 (8/9/85)
PREAMP BD. # 98810200 (8/9/85)

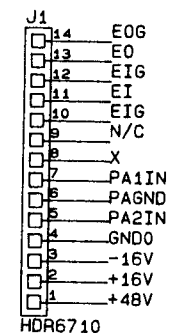
PEAVEY® ELECTRONICS CORP. MERIDIAN, MS	
DRAWN BY <i>lp</i>	DATE <i>9/17/86</i>
C.B. CK. <i>lp</i>	
CK. BY <i>lp</i>	
APPR. BY <i>lp</i>	

P/N 81515150

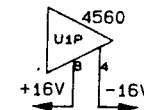
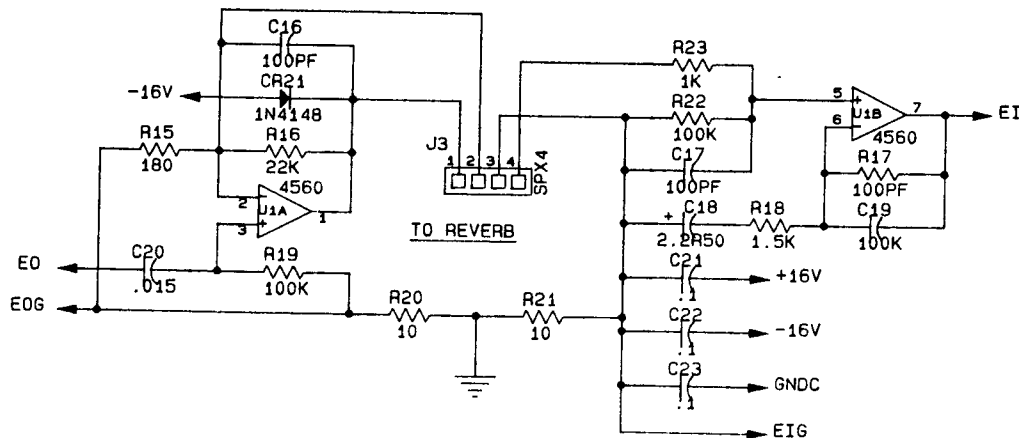
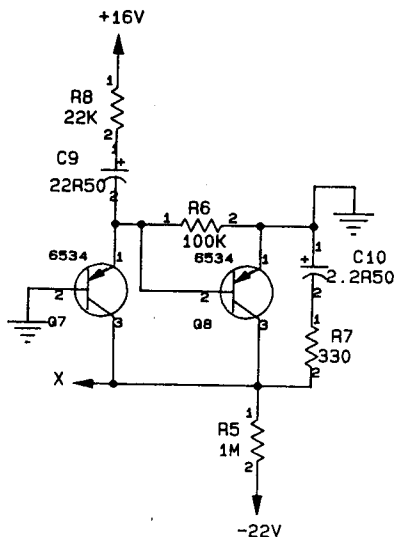
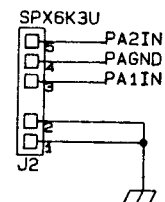
TO TRANSFORMER



TO PREAMP

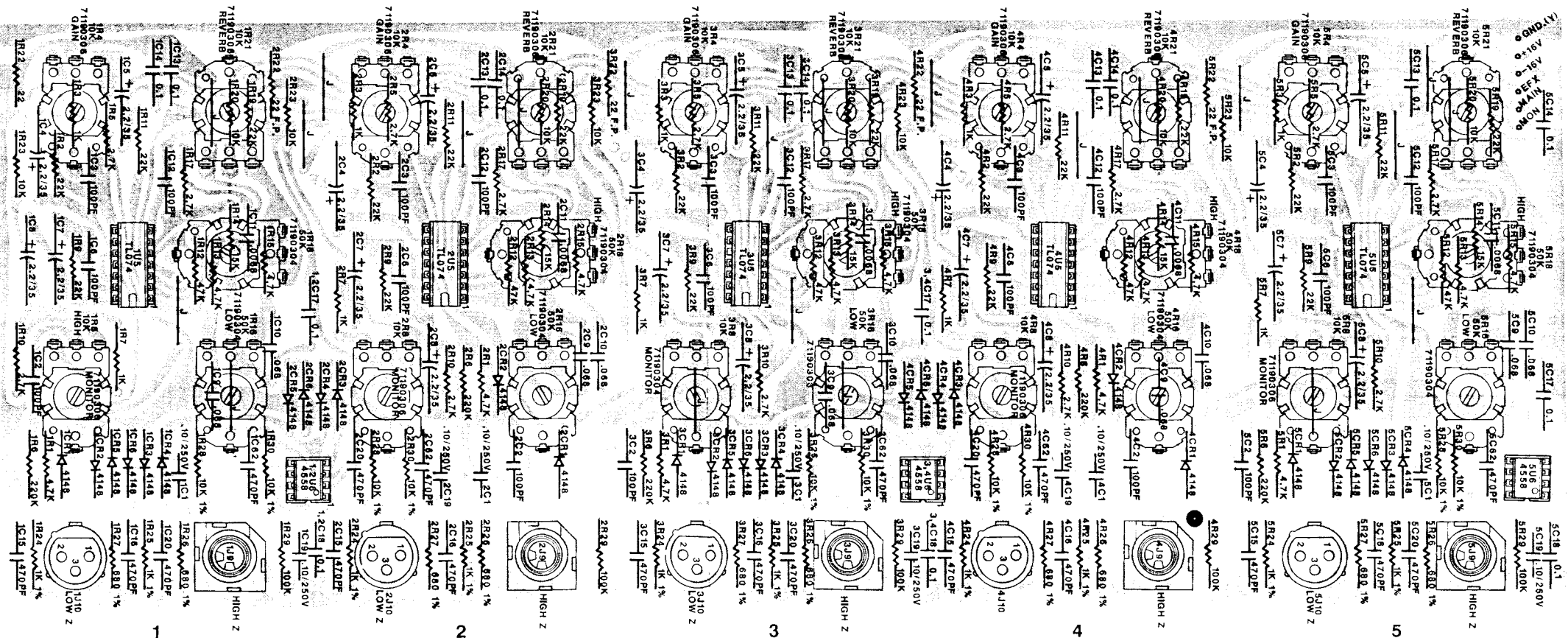


TO POWER AMPLIFIER



PEAVEY ELECTRONICS CORP. 711 A STREET MERIDIAN, MISSISSIPPI 39301			
TITLE: XR Power Supply 98898040			
PROJECT: #P9100035	MRP: 99598040		
SIZE: B	NUMBER: 81520375	REV: A	
DATE: 20-JAN-94	SHEET: 1 OF 1		

XR™ 500C PREAMP BD.



GND(Y)

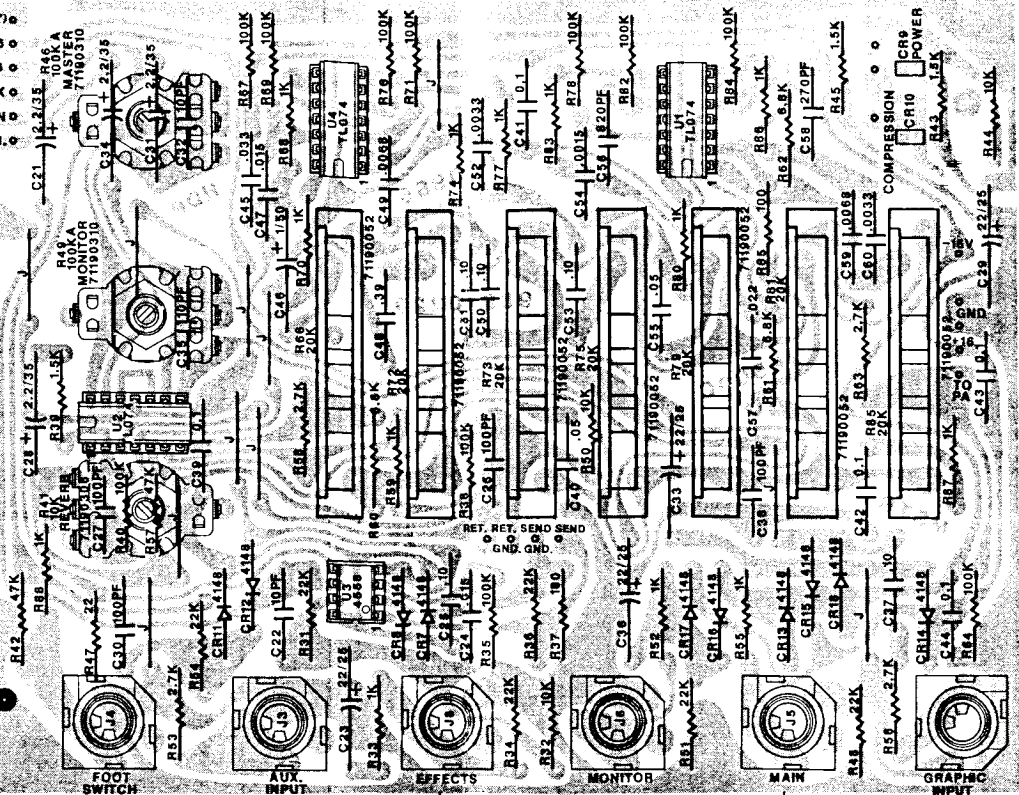
+18V

-18V

EFX

MAIN

MON



OUTPUTS

XR500C MASTER BD.

RefDes	Value	Part#	Description
C1	.01CD	70320248	.01MF—20%—1000VDC—CD—T&A
C2	4700V63	70320120	4700MF - 63VDC - 105 DEG C
C3	4700V63	70320120	4700MF - 63VDC - 105 DEG C
C7	2.2R50	70320180	2.2MF—20%—50VDC—EL—T&A
C100	100PF	70340054	100PF—10%—50VDC—T/C—T&R
C101	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C102	47V50	70320182	47MF—20%—50VDC—LL—T&A
C103	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C104	10PF	70340050	10PF—5%—T/C—T&R
C105	.22M	70330128	22MF—5%—50VDC—MY—T&A
C106	47V50	70320182	47MF—20%—50VDC—LL—T&A
C107	2.2R50NP	70320184	2.2MF—20%—50VDC—NP—T&A
C108	47V50	70320182	47MF—20%—50VDC—LL—T&A
C109	39PF	70340052	39PF—50VDC—T/C—T&R
C110	39PF	70340052	39PF—50VDC—T/C—T&R
C111	10PF	70340050	10PF—5%—T/C—T&R
C112	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C113	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C114	39PF	70340052	39PF—50VDC—T/C—T&R
C115	47V50	70320182	47MF—20%—50VDC—LL—T&A
C116	47V50	70320182	47MF—20%—50VDC—LL—T&A
C117	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C118	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C119	10R50L	70320185	10MF—20%—50VDC—LL—T&A
C120	100PF	70340054	100PF—10%—50VDC—T/C—T&R
C121	.0047	70340007	.0047MF—10%—50VDC—MON—T&R
C200	100PF	70340054	100PF—10%—50VDC—T/C—T&R
C201	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C202	47V50	70320182	47MF—20%—50VDC—LL—T&A
C203	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C204	10PF	70340050	10PF—5%—T/C—T&R
C205	.22M	70330128	22MF—5%—50VDC—MY—T&A
C206	47V50	70320182	47MF—20%—50VDC—LL—T&A
C207	2.2R50NP	70320184	2.2MF—20%—50VDC—NP—T&A
C208	47V50	70320182	47MF—20%—50VDC—LL—T&A
C209	39PF	70340052	39PF—50VDC—T/C—T&R
C210	39PF	70340052	39PF—50VDC—T/C—T&R
C211	10PF	70340050	10PF—5%—T/C—T&R
C212	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C213	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C214	39PF	70340052	39PF—50VDC—T/C—T&R
C215	47V50	70320182	47MF—20%—50VDC—LL—T&A
C216	47V50	70320182	47MF—20%—50VDC—LL—T&A
C217	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C218	.1SF	70330113	0.10 MFD 10% 100V STCK FILM T&A
C219	10R50L	70320185	10MF—20%—50VDC—LL—T&A
C220	100PF	70340054	100PF—10%—50VDC—T/C—T&R
C221	.0047	70340007	.0047MF—10%—50VDC—MON—T&R
CR1	MR752CD	70400752	MR752/P600D 200V, 6A SIL DIODE -CATH
CR2	MR752CD	70400752	MR752/P600D 200V, 6A SIL DIODE -CATH
CR3	MR752CD	70400752	MR752/P600D 200V, 6A SIL DIODE -CATH
CR4	MR752CD	70400752	MR752/P600D 200V, 6A SIL DIODE -CATH
CR5	1N4744	70440102	SZG40102 15V 5% ZENER DIODE
CR6	1N4744	70440102	SZG40102 15V 5% ZENER DIODE
CR7	1N969B	70400969	1N969B 22V 5% ZENER DIODE
CR100	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR101	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR102	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR103	1N5393	70465393	1N5393-RL 200V, 1.5, 5% DIODE -T&R
CR104	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR105	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR106	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR107	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR108	1N5393	70465393	1N5393-RL 200V, 1.5, 5% DIODE -T&R
CR109	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR110	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR111	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR112	13886	70413886	SZ-13886-2 DUAL DIODE
CR113	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR114	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR115	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR116	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR117	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR200	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR201	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR202	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR203	1N5393	70465393	1N5393-RL 200V, 1.5, 5% DIODE -T&R
CR204	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR205	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR206	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR207	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR208	1N5393	70465393	1N5393-RL 200V, 1.5, 5% DIODE -T&R
CR209	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR210	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR211	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR212	13886	70413886	SZ-13886-2 DUAL DIODE
CR213	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR214	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR215	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR216	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
CR217	1N4148	70464148	1N4148 75V 10MA SILICON DIODE
J200	HIDMNI	71466214	2 TIP HID JACK NINS W/SPD
J201	HIDMNI	71466214	2 TIP HID JACK NINS W/SPD
L100	3UH	70519939	3UH INDUCTOR
L200	3UH	70519939	3UH INDUCTOR
Q1	6531	70466531	MPS-6531 TO92 NPN TRANS. T&A
Q2	6531	70466531	MPS-6531 TO92 NPN TRANS. T&A
Q100	5331HS	70405331	SJE-5331 CASE-77 NPN W/ HEATSINK
Q101	84140	70484140	SJ-84140 NPN 4A 140V TO-3
Q102	84140	70484140	SJ-84140 NPN 4A 140V TO-3
Q103	6531	70466531	MPS-6531 TO92 NPN TRANS. T&A
Q104	6533	70466533	MPS-6533/34 TO-92 PNP TRANS T&A
Q105	576	70460576	576/2N5462 40V TO-92 P-FET T&A
Q106	74140	70474140	SJ-74140 PNP 4A 140V TO-3
Q107	74140	70474140	SJ-74140 PNP 4A 140V TO-3
Q108	2N5400	70460761	761/2N5400 120V 10MA TO-92 PNP T&A
Q109	5331	70405331	SJE-5331 CASE-77 NPN
Q110	2N3904	70463904	3904/SPS7239 TO 92 NPN T&A
Q111	2N3904	70463904	3904/SPS7239 TO 92 NPN T&A
Q112	2N4249	70464249	2N4249/690 30V TO-92 PNP T&A
Q113	5332HS	70405332	SJE-5332 120V .3A CASE-77 PNP
Q200	5331HS	70405331	SJE-5331 CASE-77 NPN W/ HEATSINK
Q201	84140	70484140	SJ-84140 NPN 4A 140V TO-3
Q202	84140	70484140	SJ-84140 NPN 4A 140V TO-3
Q203	6531	70466531	MPS-6531 TO92 NPN TRANS. T&A
Q204	6533	70466533	MPS-6533/34 TO-92 PNP TRANS T&A
Q205	576	70460576	576/2N5462 40V TO-92 P-FET T&A
Q206	74140	70474140	SJ-74140 PNP 4A 140V TO-3
Q207	74140	70474140	SJ-74140 PNP 4A 140V TO-3
Q208	2N5400	70460761	761/2N5400 120V 10MA TO-92 PNP T&A
Q209	5331	70405331	SJE-5331 CASE-77 NPN
Q210	2N3904	70463904	3904/SPS7239 TO 92 NPN T&A
Q211	2N3904	70463904	3904/SPS7239 TO 92 NPN T&A
Q212	2N4249	70464249	2N4249/690 30V TO-92 PNP T&A
Q213	5332HS	70405332	SJE-5332 120V .3A CASE-77 PNP
R1	700W5	70250061	700—5W—10%—WW—AXL
R2	700W5	70250061	700—5W—10%—WW—AXL
R4	22K	70240029	22K—1/4W—5%—CF—T&R
R5	220K	70240036	220K—1/4W—5%—CF—T&R
R6	470K	70240038	470K—1/4W—5%—CF—T&R
R7	47K	70240031	47K—1/4W—5%—CF—T&R
R8	47K	70240031	47K—1/4W—5%—CF—T&R
R9	15	70240005	15—1/4W—5%—CF—T&R
R10	15	70240005	15—1/4W—5%—CF—T&R
R100	1.5KW1	70210007	1.5K—1W—5%—MO—T&R
R101	47	70240008	47—1/4W—5%—CF—T&R
R102	2.7KW1	70210016	2.7K—1W—5%—MO—T&R
R103	100FP	70240096	100FP-1/4W—5%—FP—T&R
R104	180	70240012	180—1/4W—5%—CF—T&R
R105	18	70240006	18—1/4W—5%—CF—T&R
R106	1.82KP1	70241078	1.82K-1/4W—1%—CF—T&R
R107	47K	70240031	47K—1/4W—5%—CF—T&R
R108	1K	70240017	1K—1/4W—5%—CF—T&R
R109	33K	70240030	33K—1/4W—5%—CF—T&R
R110	22W1	70210001	22—1W—5%—MO—T&R
R111	.33W5	70250003	.33—5W—10%—WW—AXL
R112	.33W5	70250003	.33—5W—10%—WW—AXL
R113	47K	70240031	47K—1/4W—5%—CF—T&R
R114	47	70240008	47—1/4W—5%—CF—T&R
R115	68	70240009	68—1/4W—5%—CF—T&R
R116	1.82KP1	70241078	1.82K-1/4W—1%—CF—T&R
R117	2.7K	70240021	2.7K—1/4W—5%—CF—T&R
R118	10K	70240025	10K—1/4W—5%—CF—T&R
R119	100K	70240034	100K—1/4W—5%—CF—T&R
R120	22K	70240029	22K—1/4W—5%—CF—T&R
R121	.33W5	70250003	.33—5W—10%—WW—AXL
R122	.33W5	70250003	.33—5W—10%—WW—AXL
R123	4.7KW1	70210006	4700—1W—5%—MO—T&R
R124	22W1	70210001	22—1W—5%—MO—T&R
R125	47	70240008	47—1/4W—5%—CF—T&R
R126	68	70240009	68—1/4W—5%—CF—T&R
R127	68	70240009	68—1/4W—5%—CF—T&R
R128	150	70240001	150—1/4W—5%—CF—T&R
R129	470	70240015	470—1/4W—5%—CF—T&R
R130	100FP	70240096	100FP-1/4W—5%—FP—T&R
R131	10K	70240025	10K—1/4W—5%—CF—T&R
R132	68K	70240032	68K—1/4W—5%—CF—T&R
R133	47K	70240031	47K—1/4W—5%—CF—T&R
R134	68K	70240032	68K—1/4W—5%—CF—T&R
R135	47K	70240031	47K—1/4W—5%—CF—T&R
R136	1K	70240017	1K—1/4W—5%—CF—T&R
R137	2.7K	70240021	2.7K—1/4W—5%—CF—T&R

R138	47K	70240031	47K—1/4W—5%—CF—T&R
R139	4.7K	70240023	4.7K—1/4W—5%—CF—T&R
R140	18	70240006	18—1/4W—5%—CF—T&R
R141	220K	70240036	220K—1/4W—5%—CF—T&R
R142	4.7K	70240023	4.7K—1/4W—5%—CF—T&R
R143	47FP	70240090	47FP—1/4W—5%—FP—T&R
R144	680	70240016	680—1/4W—5%—CF—T&R
R200	1.5KW1	70210007	1.5K—1W—5%—MO—T&R
R201	47	70240008	47—1/4W—5%—CF—T&R
R202	2.7KW1	70210016	2.7K—1W—5%—MO—T&R
R203	100FP	70240096	100FP—1/4W—5%—FP—T&R
R204	180	70240012	180—1/4W—5%—CF—T&R
R205	18	70240006	18—1/4W—5%—CF—T&R
R206	1.82KP1	70241078	1.82K—1/4W—1%—CF—T&R
R207	47K	70240031	47K—1/4W—5%—CF—T&R
R208	1K	70240017	1K—1/4W—5%—CF—T&R
R209	33K	70240030	33K—1/4W—5%—CF—T&R
R210	22W1	70210001	22—1W—5%—MO—T&R
R211	.33W5	70250003	.33—5W—10%—WW—AXL
R212	.33W5	70250003	.33—5W—10%—WW—AXL
R213	47K	70240031	47K—1/4W—5%—CF—T&R
R214	47	70240008	47—1/4W—5%—CF—T&R
R215	68	70240009	68—1/4W—5%—CF—T&R
R216	1.82KP1	70241078	1.82K—1/4W—1%—CF—T&R
R217	2.7K	70240021	2.7K—1/4W—5%—CF—T&R
R218	10K	70240025	10K—1/4W—5%—CF—T&R
R219	100K	70240034	100K—1/4W—5%—CF—T&R
R220	22K	70240029	22K—1/4W—5%—CF—T&R
R221	.33W5	70250003	.33—5W—10%—WW—AXL
R222	.33W5	70250003	.33—5W—10%—WW—AXL
R223	4.7KW1	70210006	4700—1W—5%—MO—T&R
R224	22W1	70210001	22—1W—5%—MO—T&R
R225	47	70240008	47—1/4W—5%—CF—T&R
R226	68	70240009	68—1/4W—5%—CF—T&R
R227	68	70240009	68—1/4W—5%—CF—T&R
R228	150	70240001	150—1/4W—5%—CF—T&R
R229	470	70240015	470—1/4W—5%—CF—T&R
R230	100FP	70240096	100FP—1/4W—5%—FP—T&R
R231	10K	70240025	10K—1/4W—5%—CF—T&R
R232	68K	70240032	68K—1/4W—5%—CF—T&R
R233	47K	70240031	47K—1/4W—5%—CF—T&R
R234	68K	70240032	68K—1/4W—5%—CF—T&R
R235	47K	70240031	47K—1/4W—5%—CF—T&R
R236	1K	70240017	1K—1/4W—5%—CF—T&R
R237	2.7K	70240021	2.7K—1/4W—5%—CF—T&R
R238	47K	70240031	47K—1/4W—5%—CF—T&R
R239	4.7K	70240023	4.7K—1/4W—5%—CF—T&R
R240	18	70240006	18—1/4W—5%—CF—T&R
R241	220K	70240036	220K—1/4W—5%—CF—T&R
R242	4.7K	70240023	4.7K—1/4W—5%—CF—T&R
R243	47FP	70240090	47FP—1/4W—5%—FP—T&R
R244	680	70240016	680—1/4W—5%—CF—T&R
U100	4560	70414560	4560 DUAL OP AMP IC
U101	13080	70413080	LM3080N CUSTOM SELECTED
U200	4560	70414560	4560 DUAL OP AMP IC
U201	13080	70413080	LM3080N CUSTOM SELECTED