

**SCHEMATIC DIAGRAMS
MOD'S**

G 50 - G 50S - G 60 - G 70

**ELECTRONIC ORGANS
HOWARD H-100 & H-200**

 **GEM**[®] A PRODUCT OF

**general
electro
music** 

COD. 27.051 - FEB. 85

General Electro Music
1260 MARK STREET
ELK GROVE VILLAGE, ILLINOIS 60007
312/766-8230

DESCRIPTION	MOD.	VERS.	CODE
MAINS SWITCH		125V	11.237
		220/240V	11.239
MAINS CORD ASSY		125V	76.417
		220/240V	73.040
POWER CORD		125V	13.289
		220/240V	13.294
CORD LOCK		FOR 13.289	15.028
		FOR 13.294	15.021
POWER TRANSFORMER ASSY	G50	125V	73.045
		220/240V	73.036
	G60/70	125V	73.046
		220/240V	73.037
TRANSFORMER	G50	125V	23.087
		220/240V	23.083
	G60/70	125V	23.086
		220/240V	23.082
SWELL PEDAL ASSY			79.051
PEDAL BOARD ASSY			72.084
CONTACT SPRING			16.092
KEYBOARD ASSY			72.083
KEY		C	15.605
		D	15.606
		E	15.607
		F	15.608
		G	15.609
		A	15.610
		B	15.611
		LAST C	15.612
		SHARP	15.613
RETURN SPRING		NATURAL KEY	16.106
		SHARP KEY	16.107
RUBBER CONTACT ARRAY		C THROU E	15.506
		F THROU B	15.507
		LAST C	15.622
SWITCH ASSY		PHASER	14.472
		BASS	14.472
		ACCOMPANIMENT	14.472
		CHORD COMPUTER	14.472
		AUTOMAGIC	14.473
		DRUM	14.477
		ORGAN	14.473
		COMPUTER	14.475
	G50	PRESET	14.476
	G60/70	PRESET	14.474
		MONOTRON	14.478
IN/OUT ASSY	G50		73.032
	G60/70		73.033
JACK SOCKET: MONO			14.204
STEREO			14.205
OUTPUT PLUG (RCA)			11.502
LEFT LOUSPEAKER			22.064
RIGHT LOUDSPEAKER			22.040
POTENTIOMETER: 47K LIN			7.564
47K+47K LIN			7.596
470K NEG LOG			7.566


DESCRIPTION	MOD.	VERS.	CODE
FRONT PANEL	G50	EUROPE	15.525
		USA	15.584
	G60		15.568
	G70		15.534
PUSH BUTTON CAP: SINGLE		LIGHT BROWN	15.508
		DEEP GREEN	15.509
		BROWN LAND	15.510
		GREEN SAGE	15.511
		OLD IVORY	15.512
		RED OXID	15.513
		YELLOW	15.514
DOUBLE		GREEN SAGE	15.515
		BROWN LAND	15.516
ACTUATOR FOR SWITCH			15.532
RETURN SPRING			16.106
CONTROL KNOB		LIGHT BROWN	15.570
		DEEP GREEN	15.571
		BROWN LAND	15.572
		GREEN SAGE	15.573
		RED OXID	15.574
KNOB LOK-WASHER			15.538
POTENTIOMETER ADAPTER			15.536
ADAPTER LOCK-SPRING			16.084
LED: RED	G60/70		8.706
RED & GREEN	G50		8.704
LED SUPPORT			15.539
KEYBOARDS SEPARATOR	G50	EUROPE	15.547
		USA	15.548
	G60/70		15.623
CHEEK BLOCK: UPPER LEFT	G50	EUROPE	15.542
		USA	15.543
	G60/70		15.543
UPPER RIGHT			15.541
LOWER LEFT	G50	EUROPE	15.544
		USA	15.542
	G60.70		15.542
UPPER RIGHT			15.541
LOWER RIGHT	G50		15.542
	G60/70		15.545
MUSICODER HOUSING COVER			15.546
FRAME FULCRUM SUPPORT			15.438
NAME PLATE			18.233
A/R LABEL			18.312
PAUSE LABEL			18.313
CABINET	G50	EUROPE	71.056
		USA	71.161
	G60	EUROPE	71.057
		USA	71.162
	G70	EUROPE	71.058
		USA	71.163
MUSIC STAND	G50	EUROPE	15.556
		USA	15.585
	G60		15.557
	G70	EUROPE	15.558
		USA	15.586
REVERB UNIT			22.057

FOR REPLACEMENTS CONCERNING:

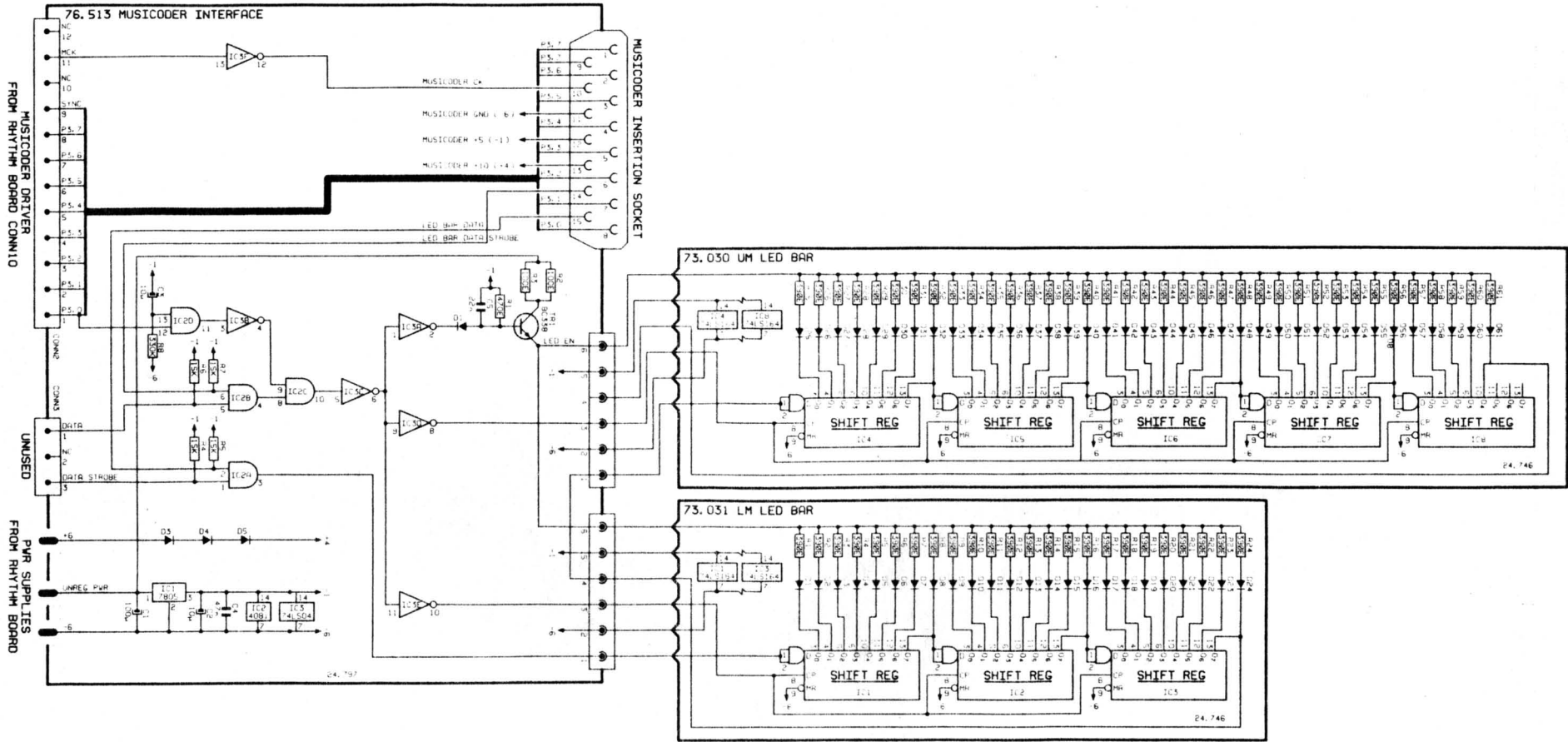
1) FLAT CABLE WIRES: SPECIFY END TERMINATIONS. 2) PRINTED BOARD ASSY(S): REFER TO SCHEMATIC(S) FOR ASSY(S) CODE

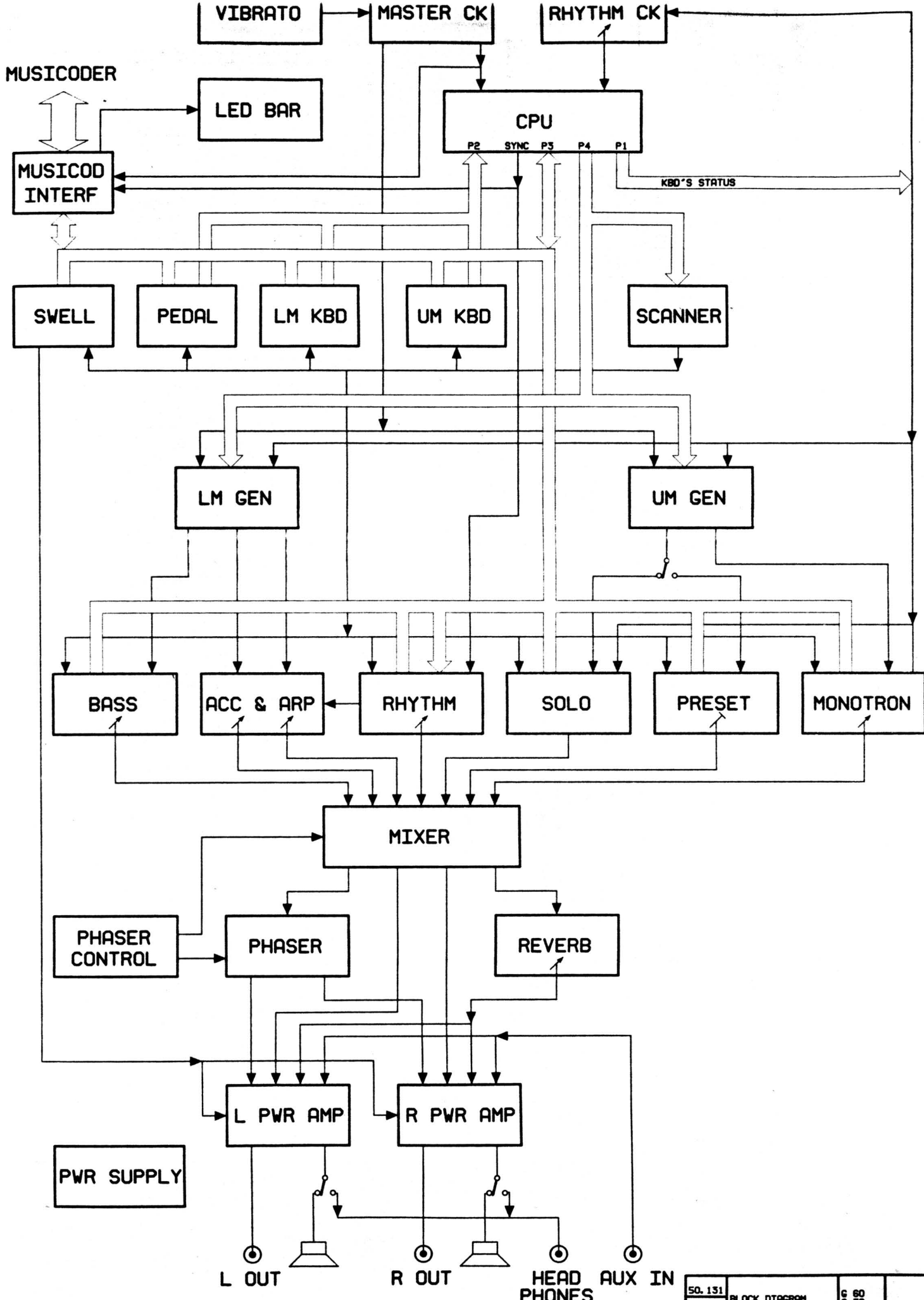
ANY REQUEST FOR NOT ABOVE MENTIONED PART MUST ENCOMPASS SPECIFIC DESCRIPTION INCLUDING:

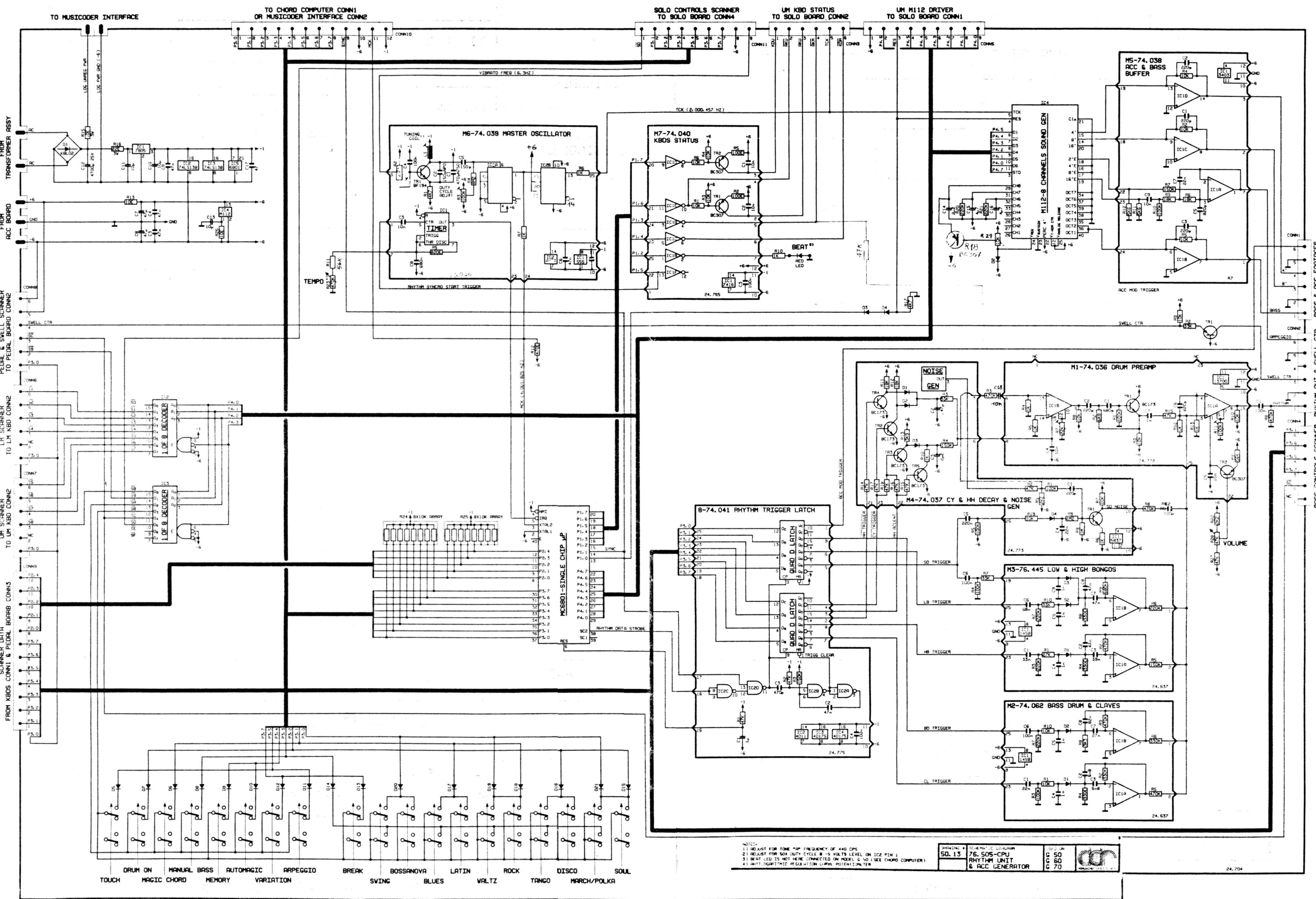
1) MODEL NAME, 2) SECTION, 3) EVENTUAL MODULE CODE, 4) SCHEMATIC DIAG. REFERENCE

DRAWING #	SCHEMATIC DIAGRAM	REF. ON	
50.129	PART LIST	G 50	
		G 60	
		C 70	

50142 MUSICODER INTERFACE LED BARS
 C 50
 C 70

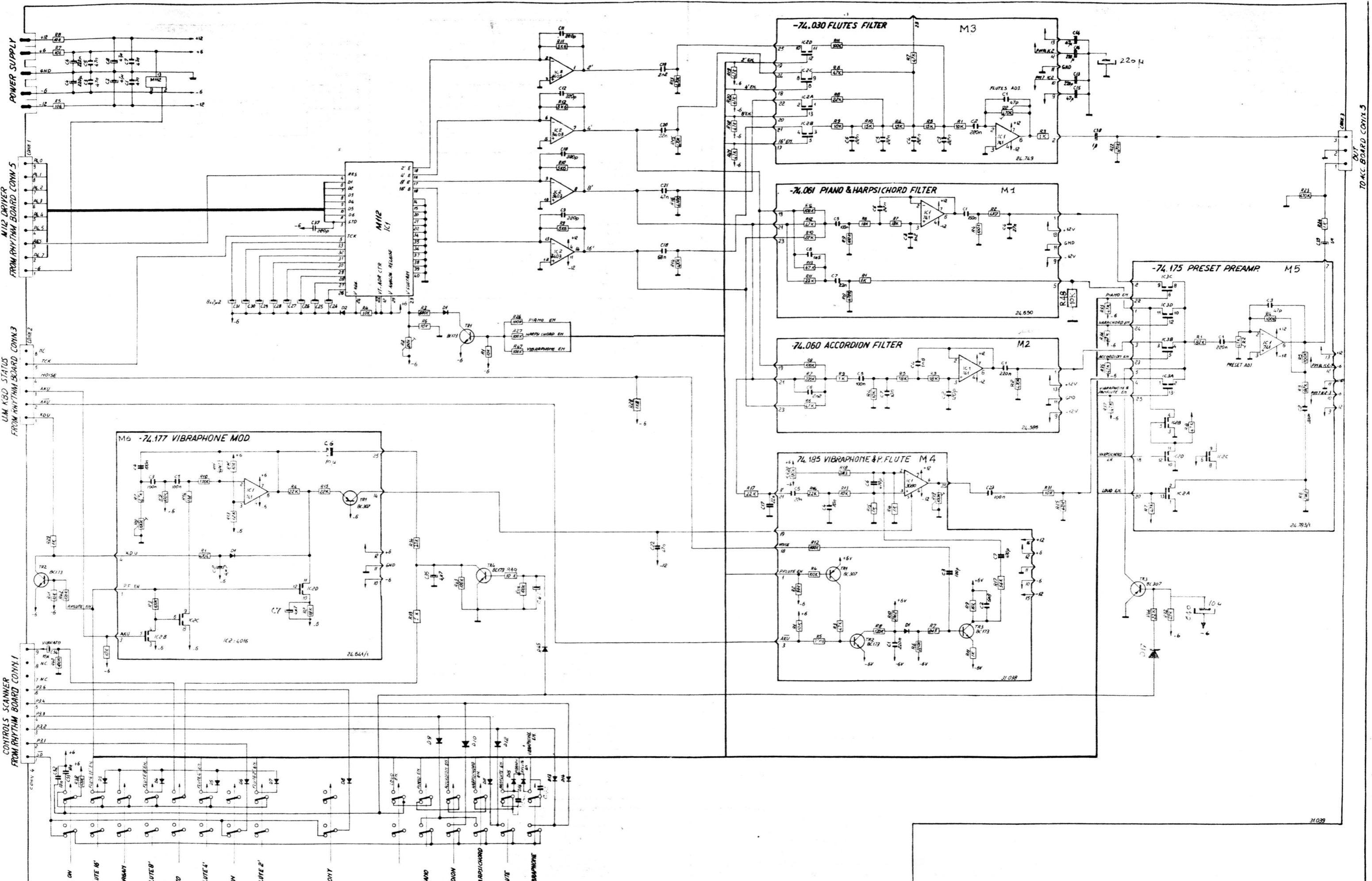


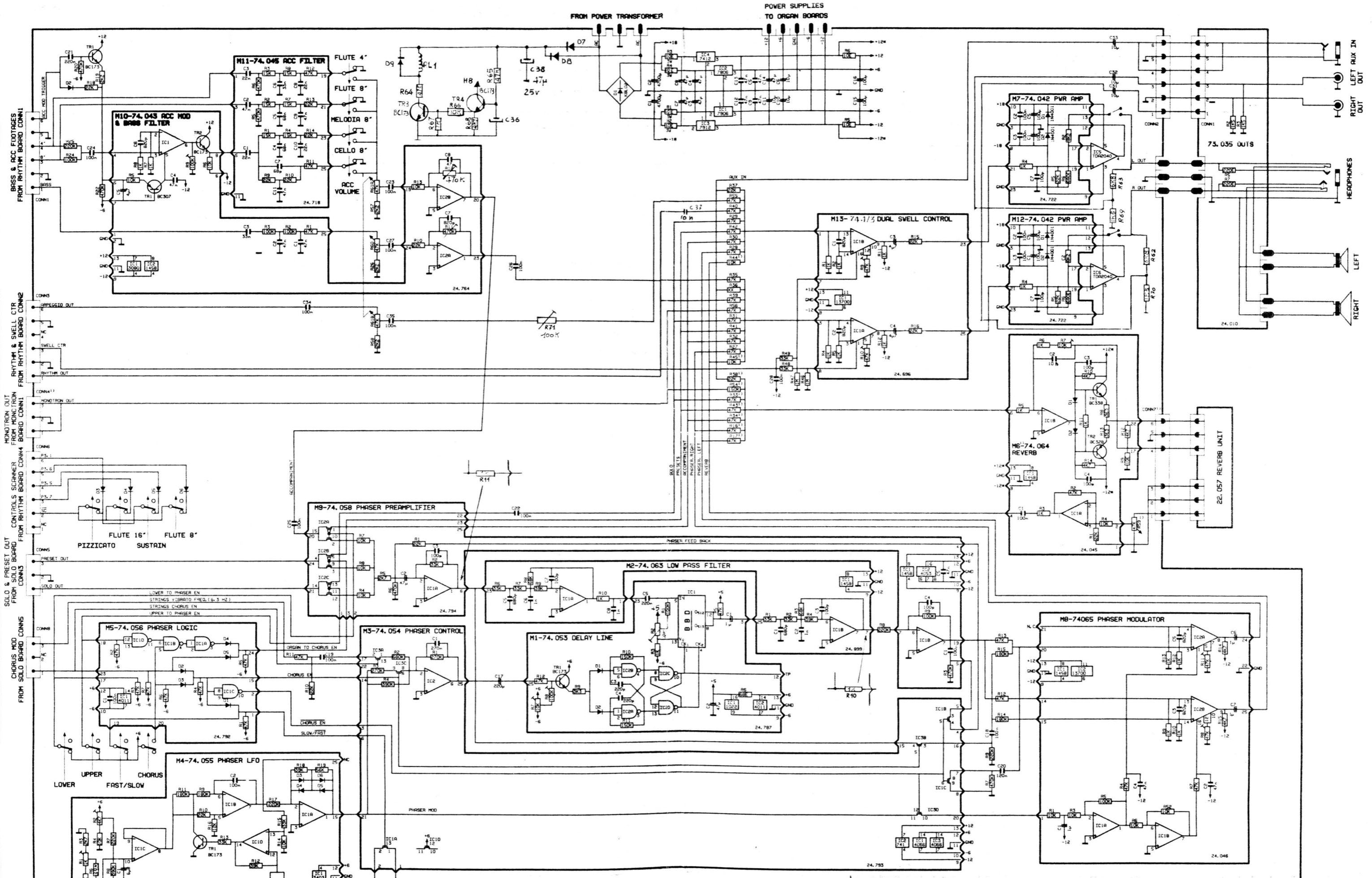


NOTES:
 1) ADJUST FOR TONE FM FREQUENCY OF 440 CPS
 2) ADJUST FOR SWR AUTO CYCLE 8-9 VOLTS LEVEL ON ICP PIN 1
 3) BEAT LED IS NOT WERE CONNECTED ON MODEL C NO. (SEE CHORD COMPUTER)
 4) SWITCH LOGIC IN REGULATION LAMP, POTENTIOMETER

PRINTING # SO. 13
 76.505-CPU
 RHYTHM UNIT
 & ACC GENERATOR





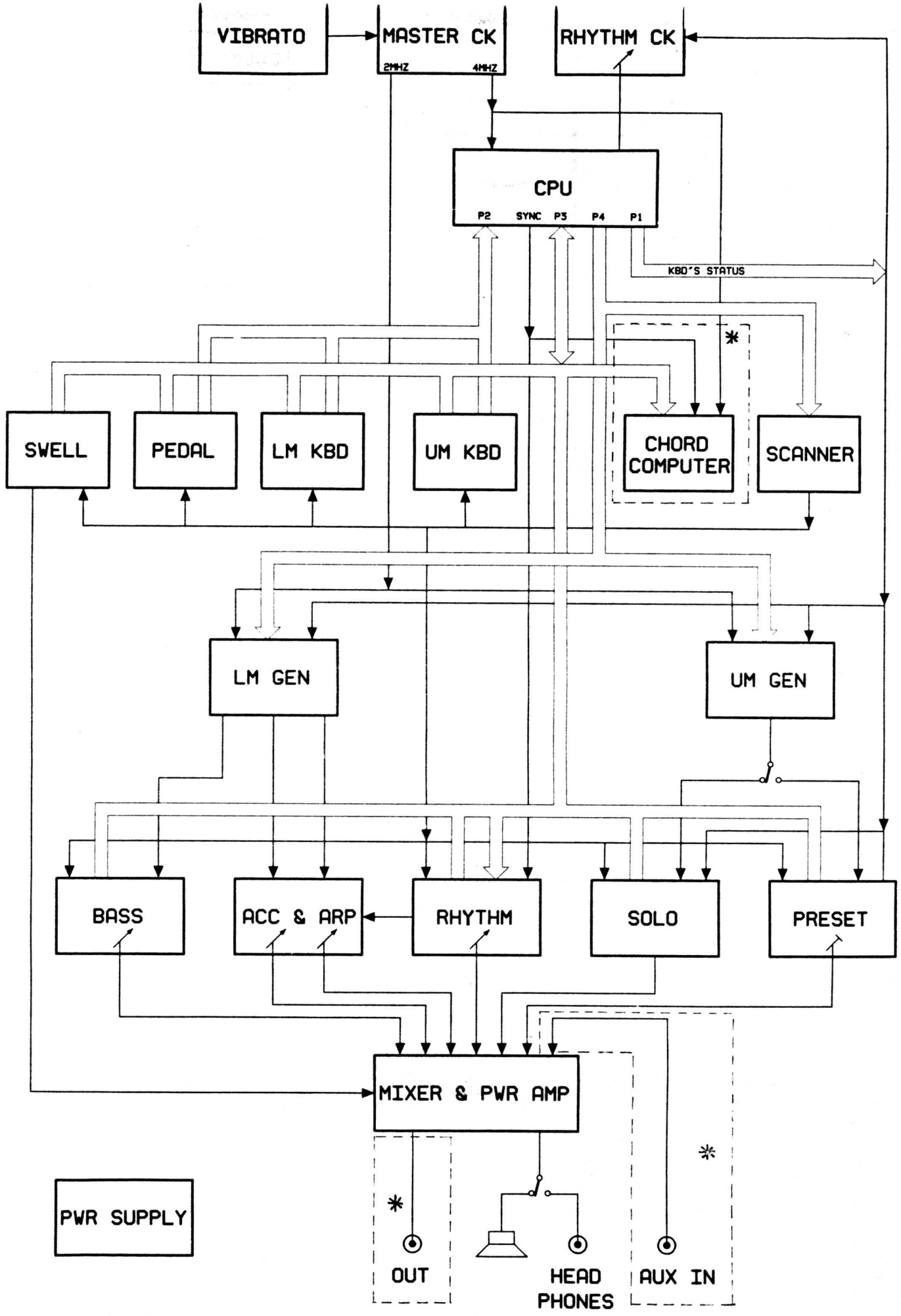


NOTES:
1) NOT APPlicable ON MODEL G 80

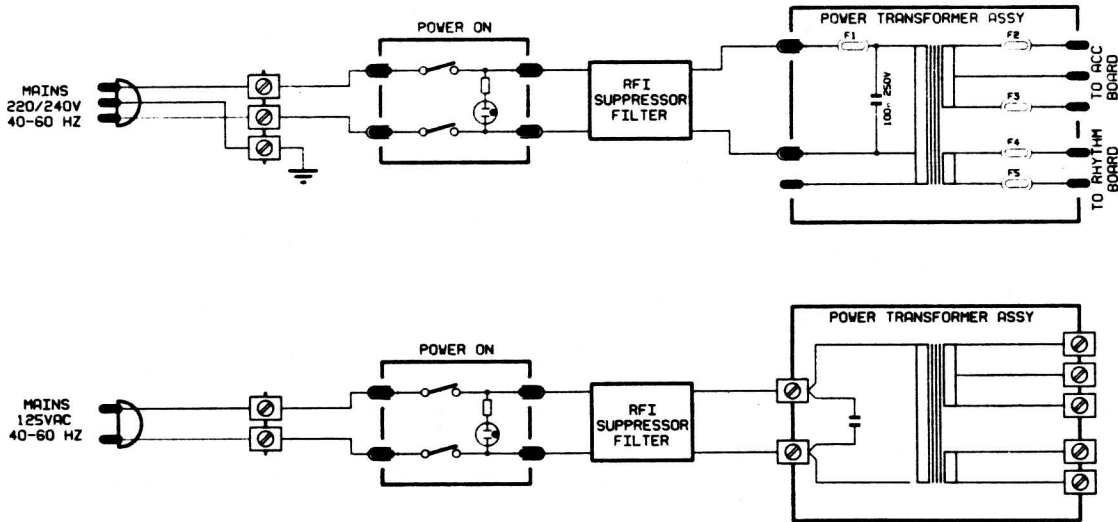
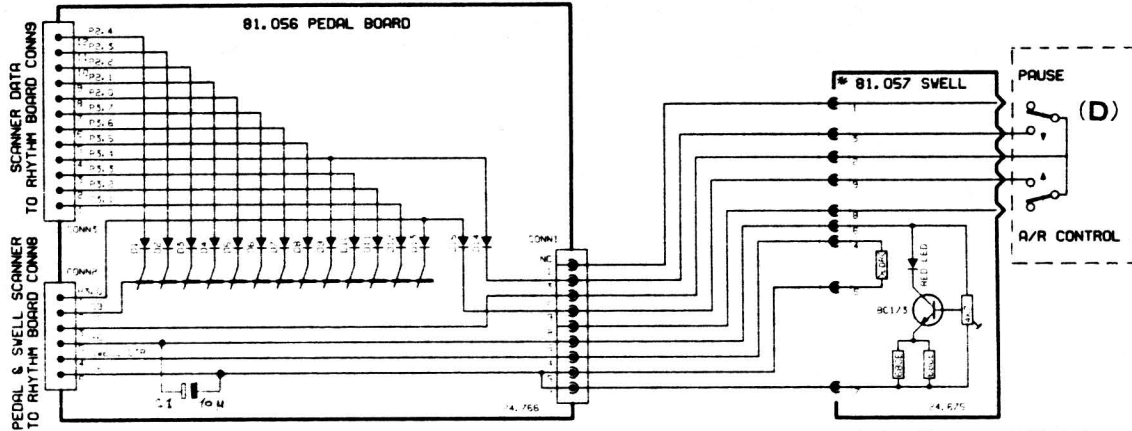
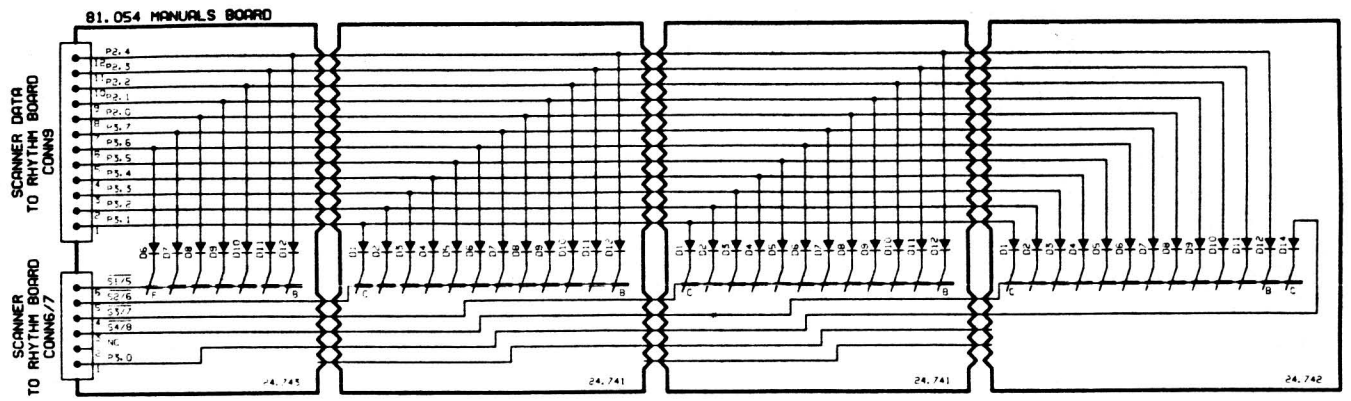
DRAWING NO. 50.140 SCHEMATIC DIAGRAM
ACCOMPANIMENT BASS
AMPLIFIERS & POWER SUPPLY
USED ON C 60 C 70



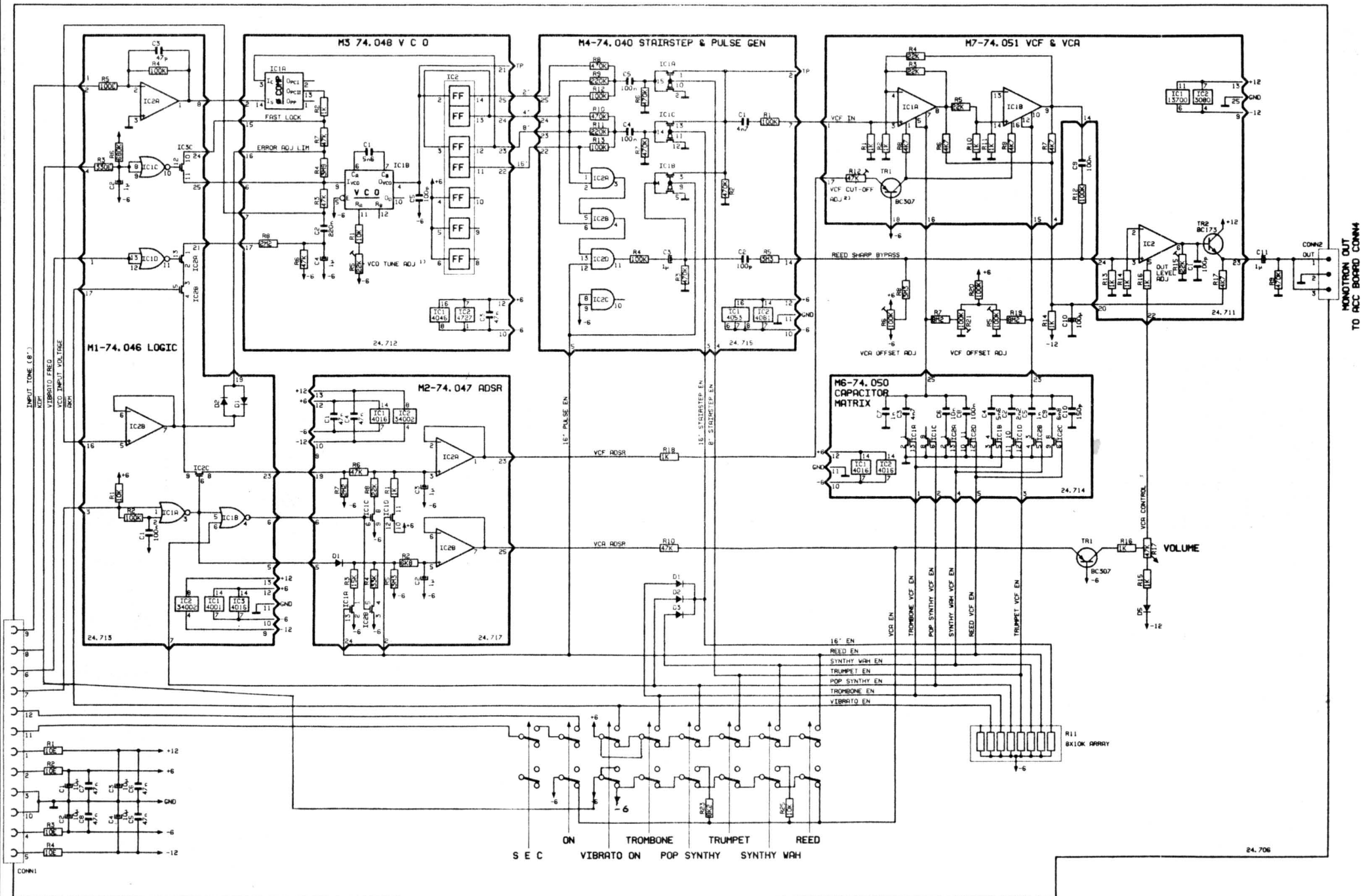
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* G50 ONLY



MODEL	VERSION	TRANSFORMER CODE	ASSY CODE	F1	FUSES F2, F3	F4, F5
G 50	EUROPE	23.085	73.036	T 400MA	T 1A	T 630MA
	USA	23.087	73.045	N A	N A	N A
G 60	EUROPE	23.082	73.037	T 630MA	T 1.6A	T 1A
	USA	23.086	73.046	N A	N A	N A
G 70	EUROPE	23.082	73.037	T 630MA	T 1.6A	T 1A
	USA	23.086	73.046	N A	N A	N A



MONOTRON OUT
TO ACC BOARD CONN4

24.706

- 1) ADJUST WITH KEY C₄ FOR -3.5V ON M1 PIN 23
- 2) ADJUST WITH REED FOR 1KHZ CUT-OFF FREQUENCY

