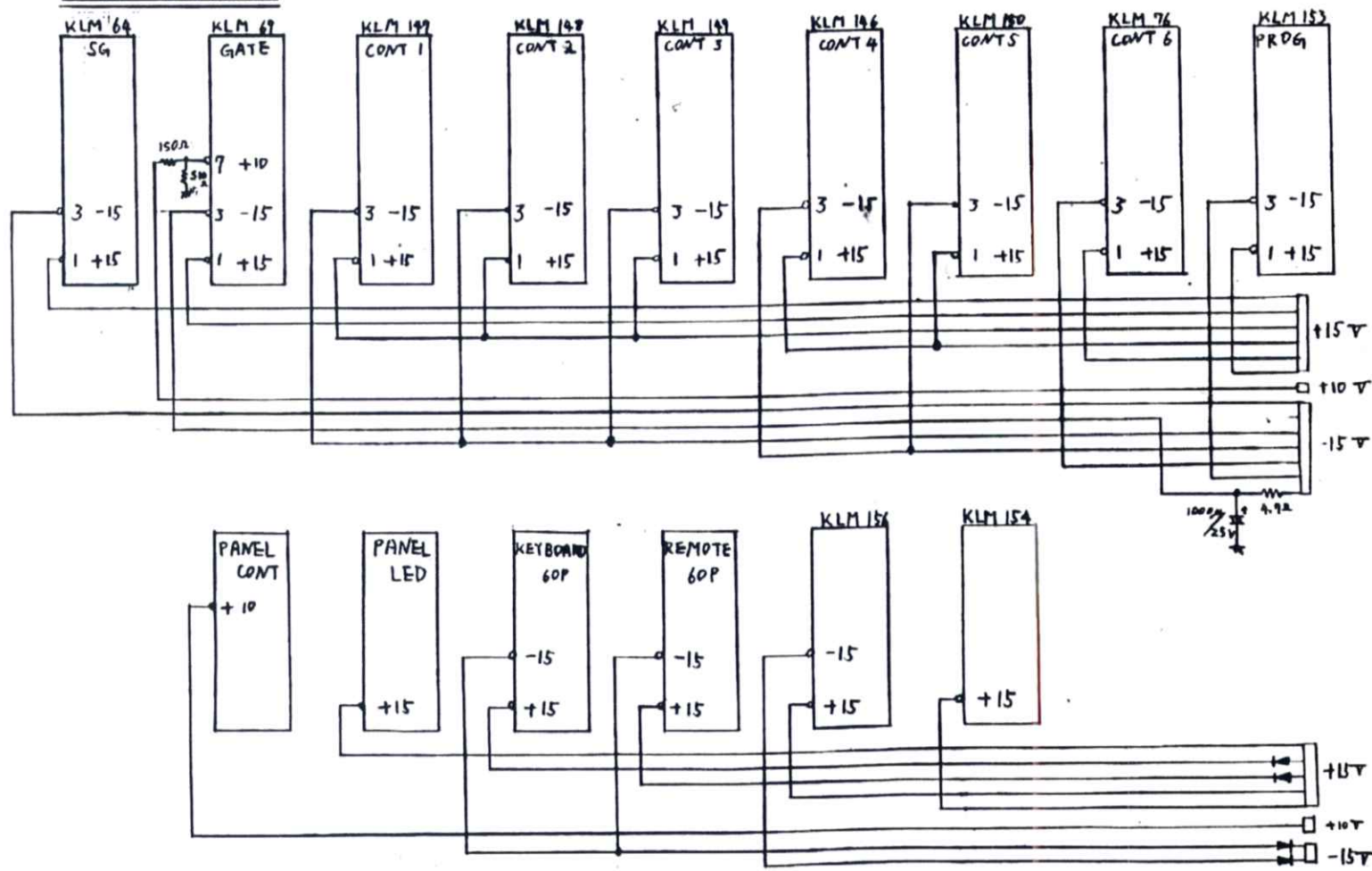
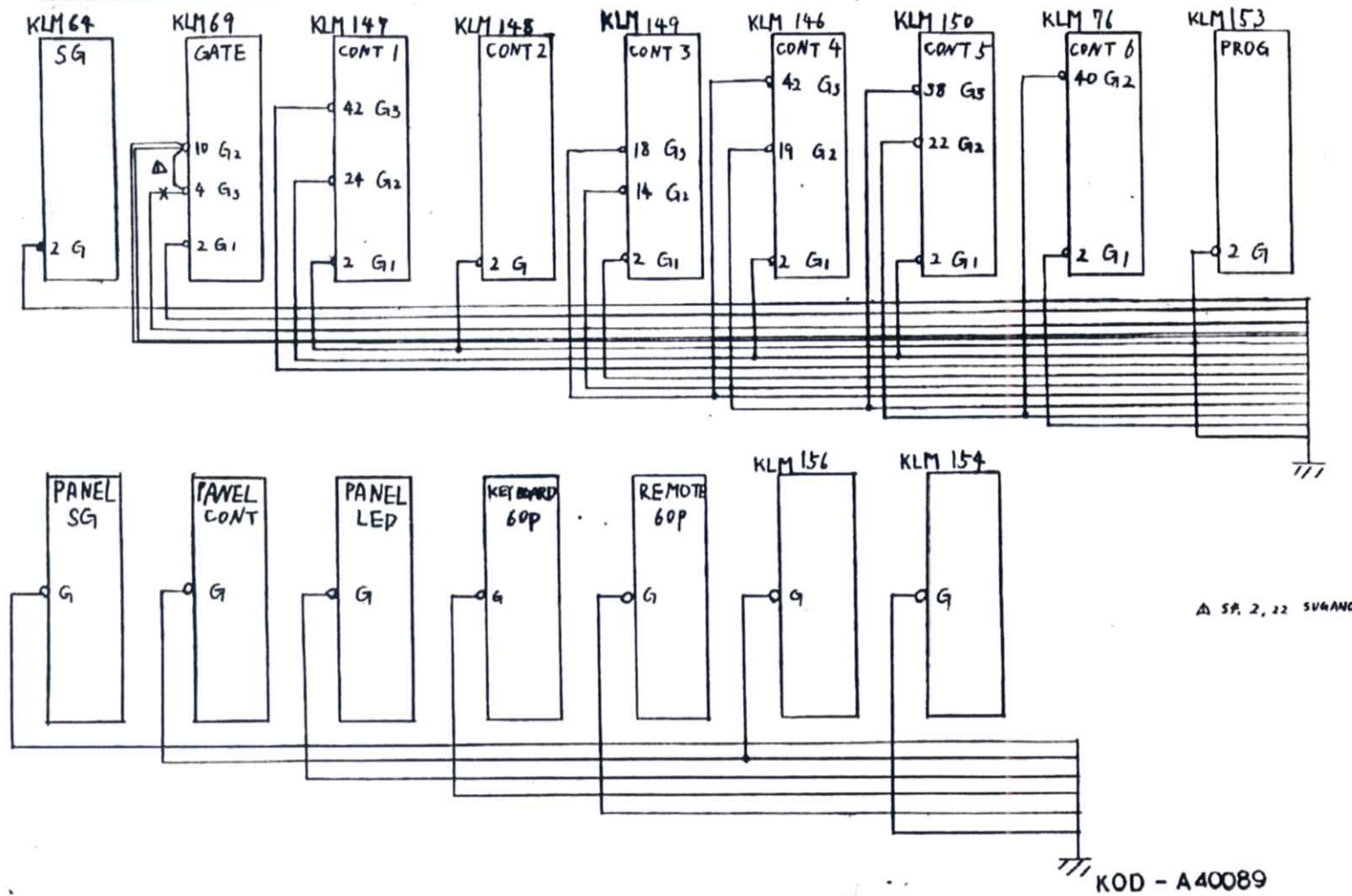


PS-3200 电源系统图



KOD-A40090

PS-3200 GND 系統圖

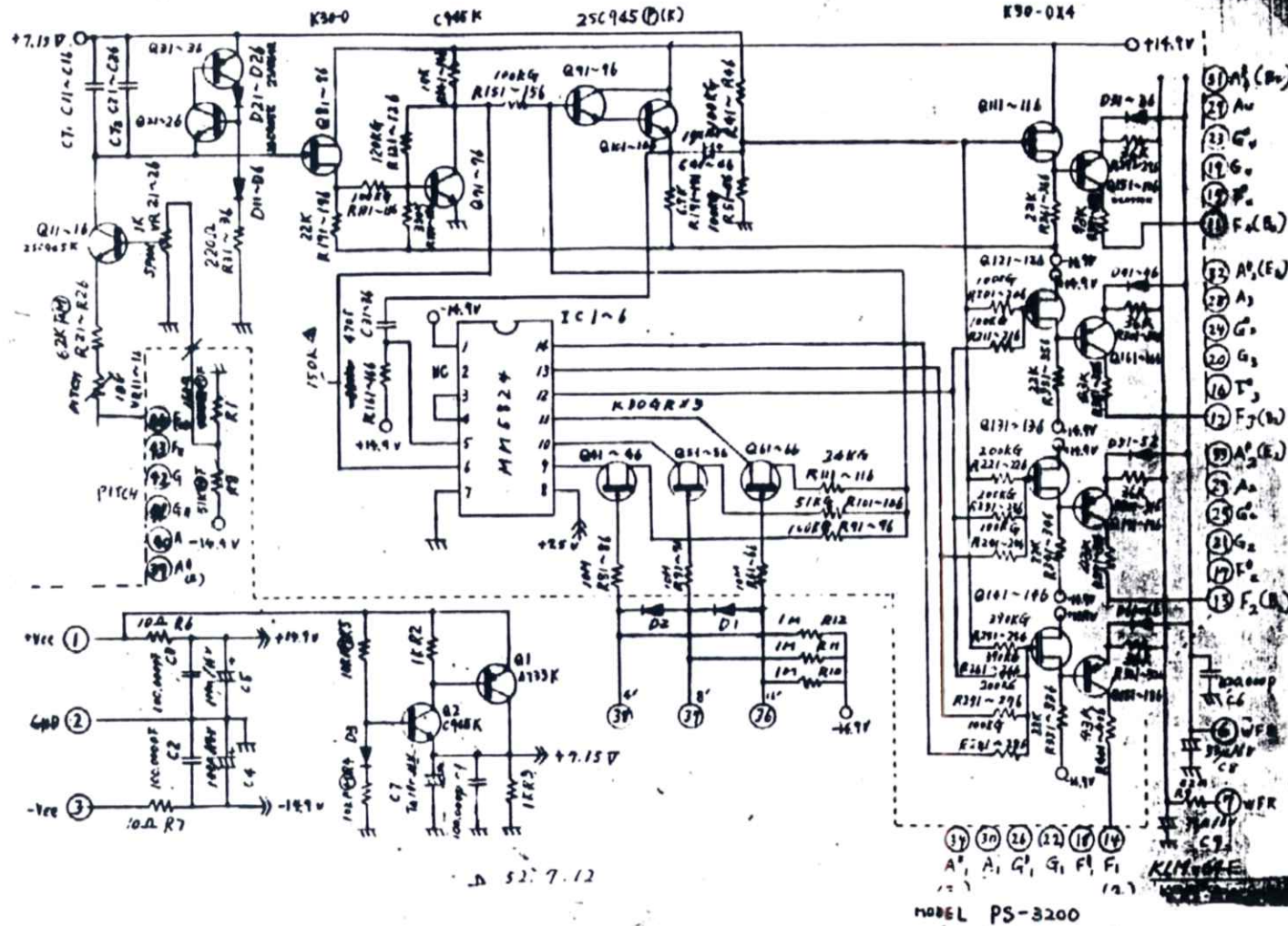


△ SP, 2, 22 SURANO

KOD - A40089

# ( ) SIGNAL GENERATORS

X-143

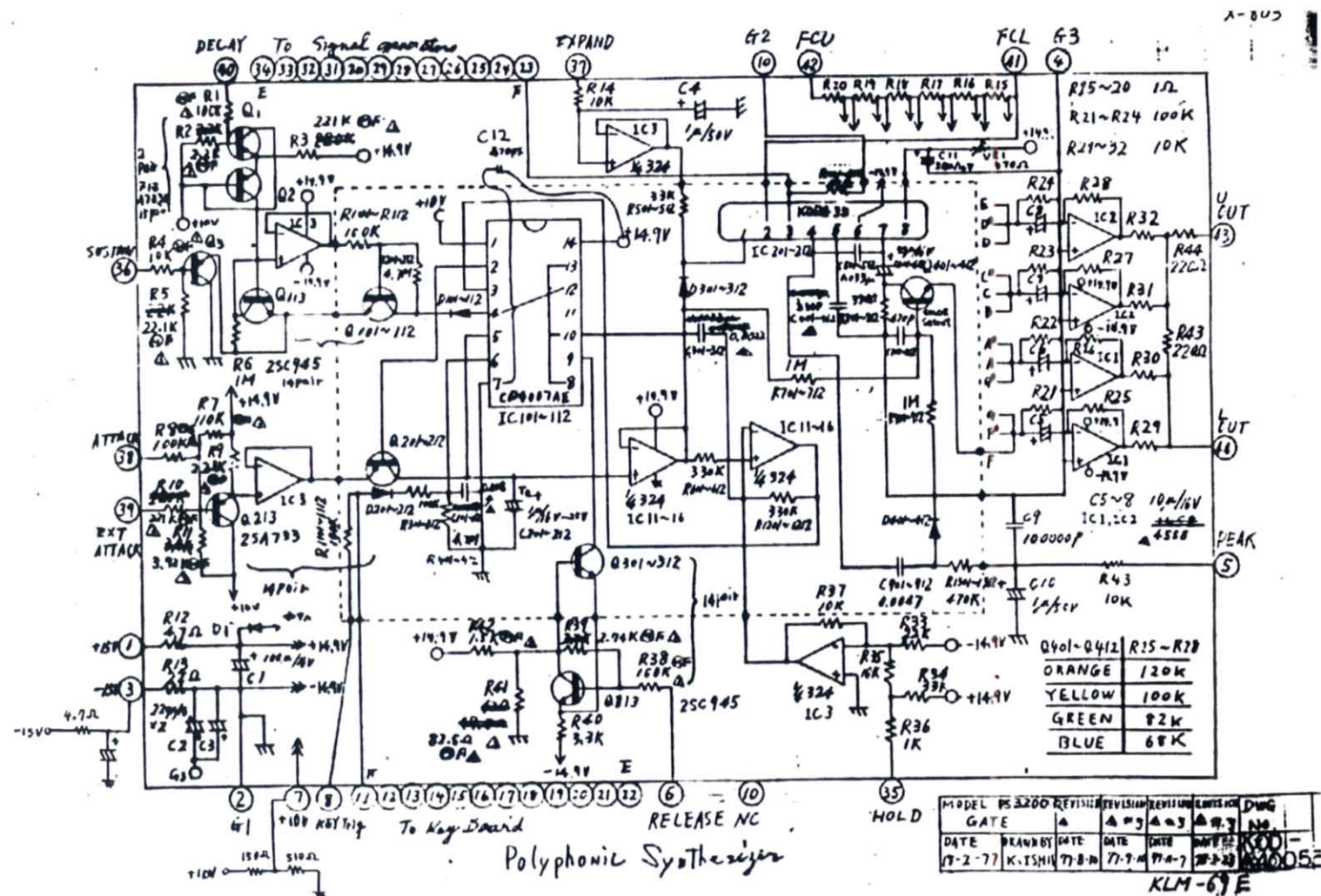


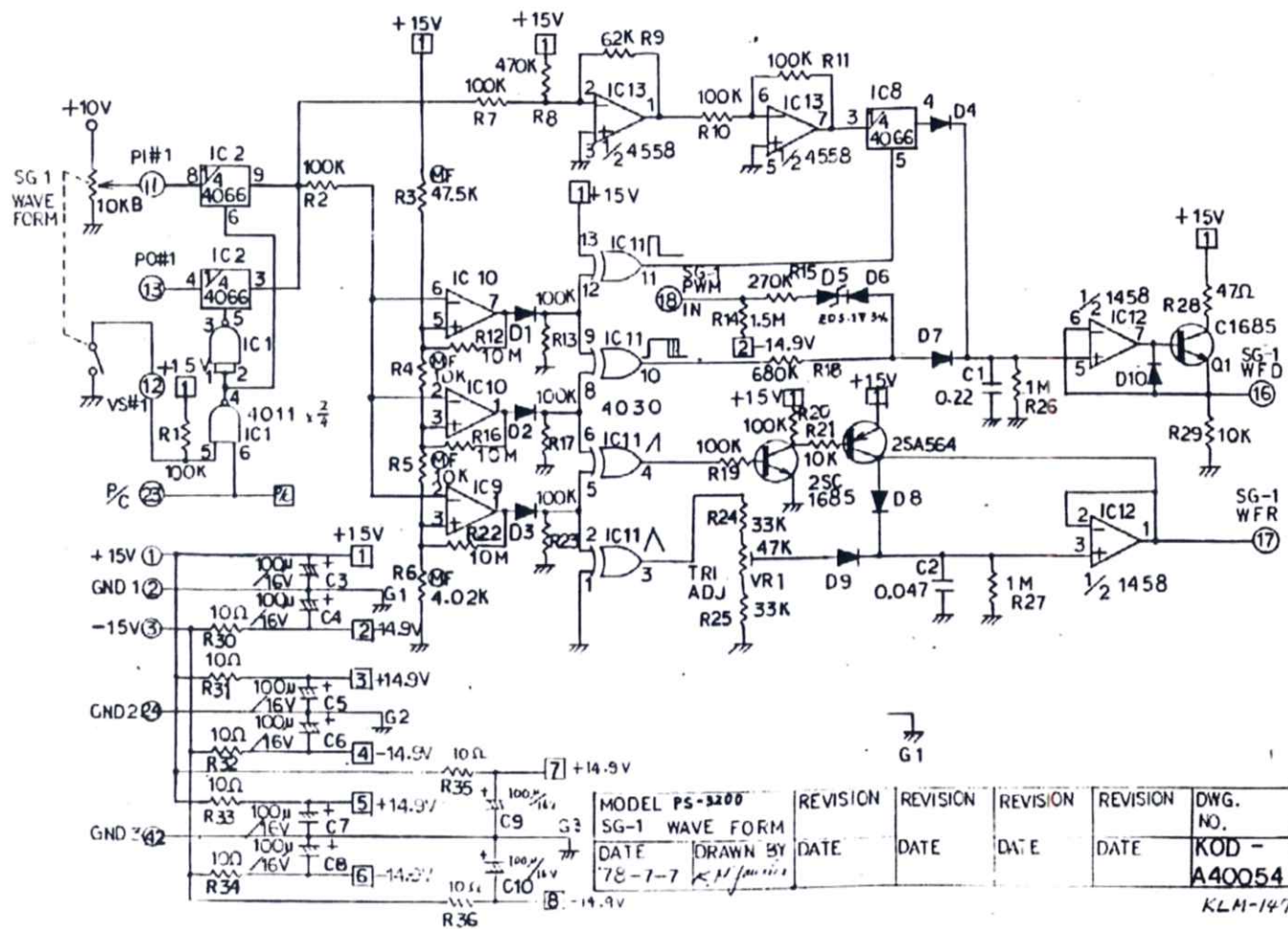
SIGNAL GENERATOR CT CHART					
1	F	C11	1500 PF	C21	99 PF
	F*	C12	1200	C22	290
	G	C13	1200	C23	180
	G*	C14	1200	C24	100
	A	C15	1000	C25	220
	A*	C16	1000	C26	150
2	B	C11	1000	C21	100
	C	C12	1000	C22	33
	C*	C13	820	C23	150
	D	C14	820	C24	100
	D*	C15	820	C25	47
	E	C16	820	C26	—

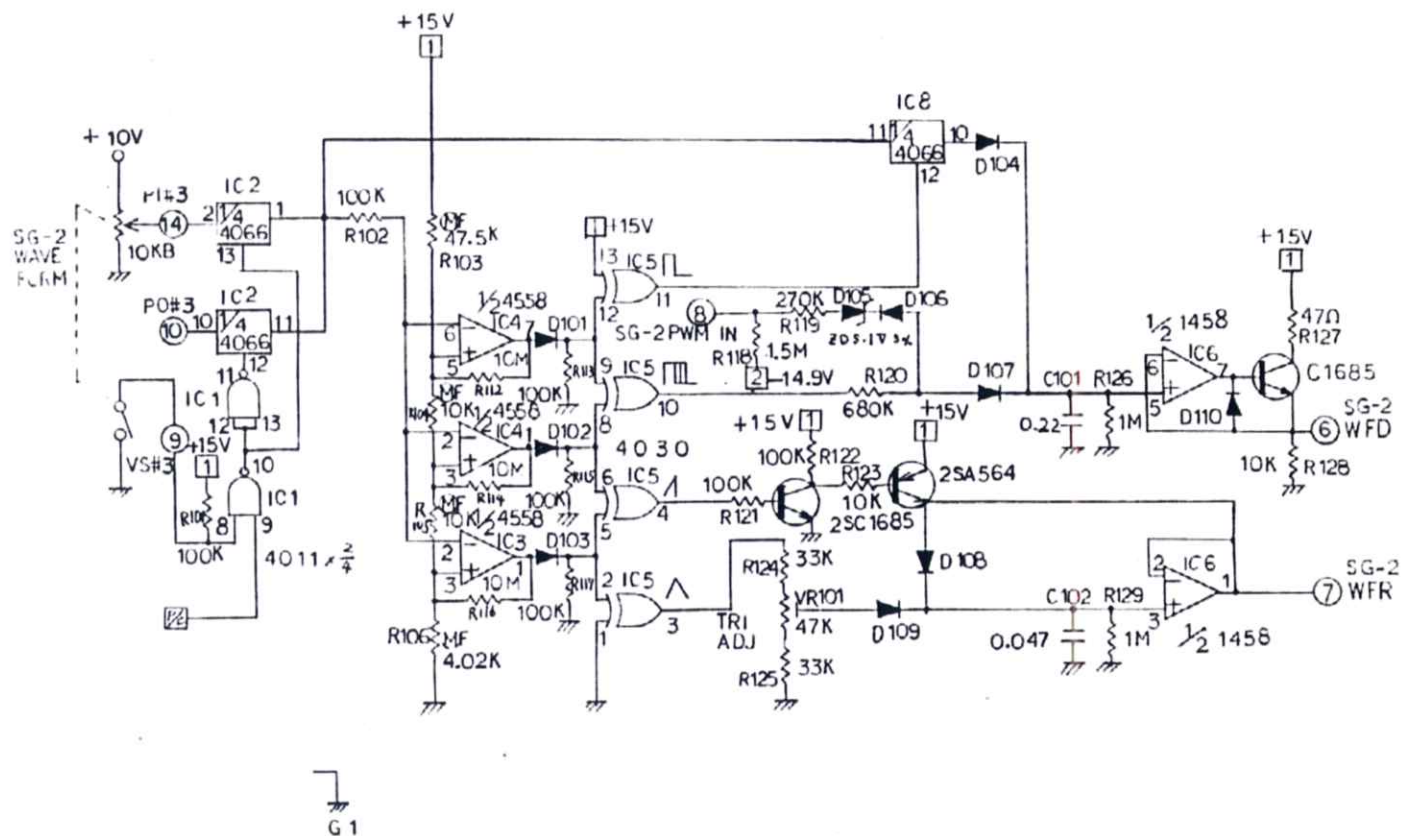
MODEL PS3200		REVISION	REVISION	REVISION	REVISION	DWG	
SIGNAL GENERATOR CT						NO	
DATE	DRAWN BY	DATE	DATE	DATE	DATE	KOD-	
20-3-77	M. Y. ...					A40052	

KLM-68



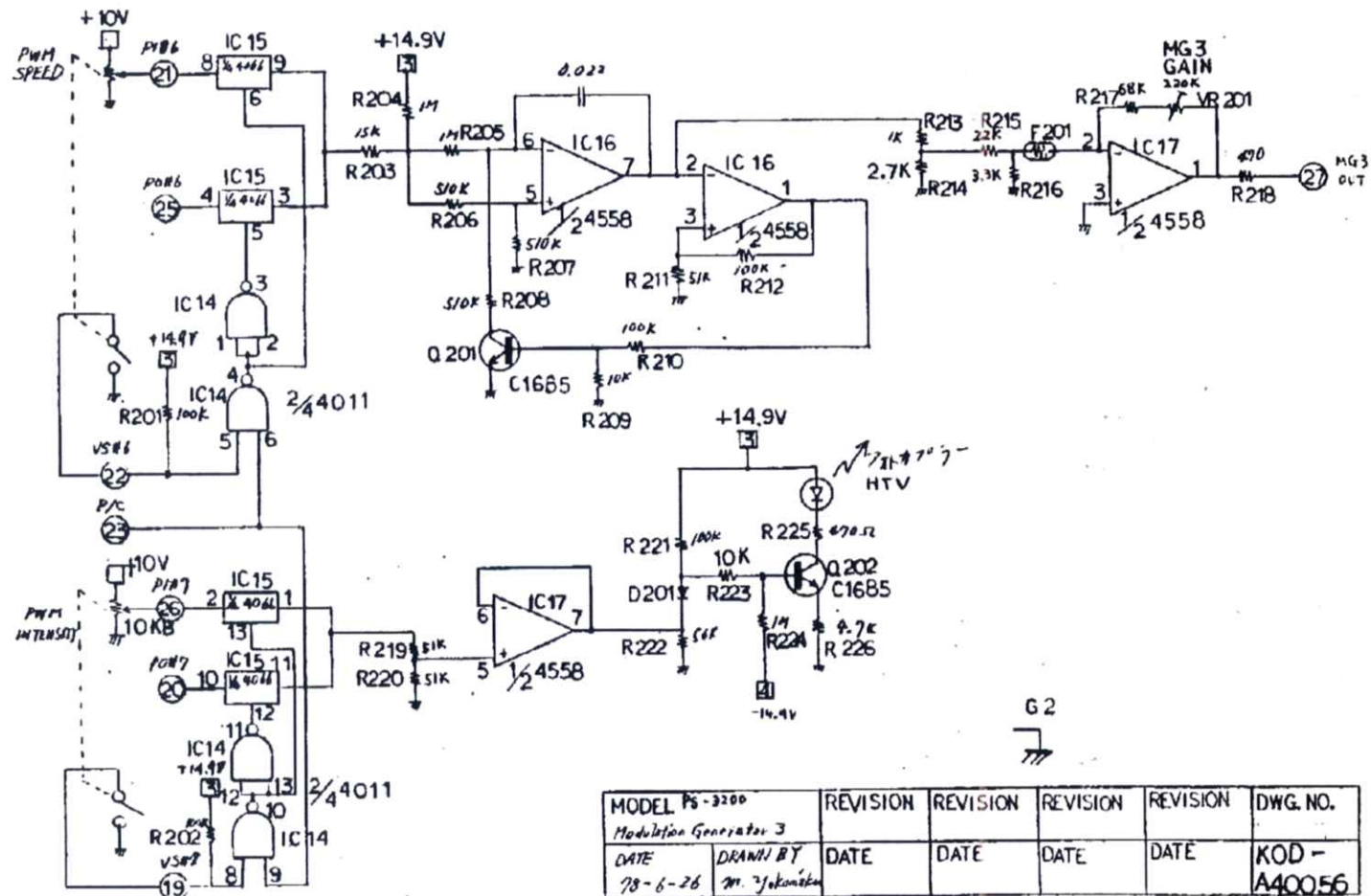






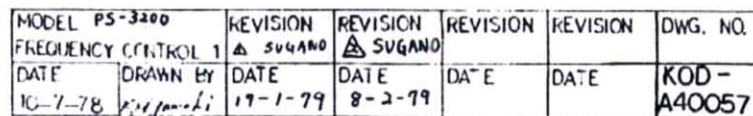
MODEL PS-3200	REVISION	REVISION	REVISION	REVISION	DWG. NO.
SG-2 WAVE FORM	DATE	DATE	DATE	DATE	KOD - A40055
DATE 7C-1-7	DATE	DATE	DATE	DATE	

KCH-147



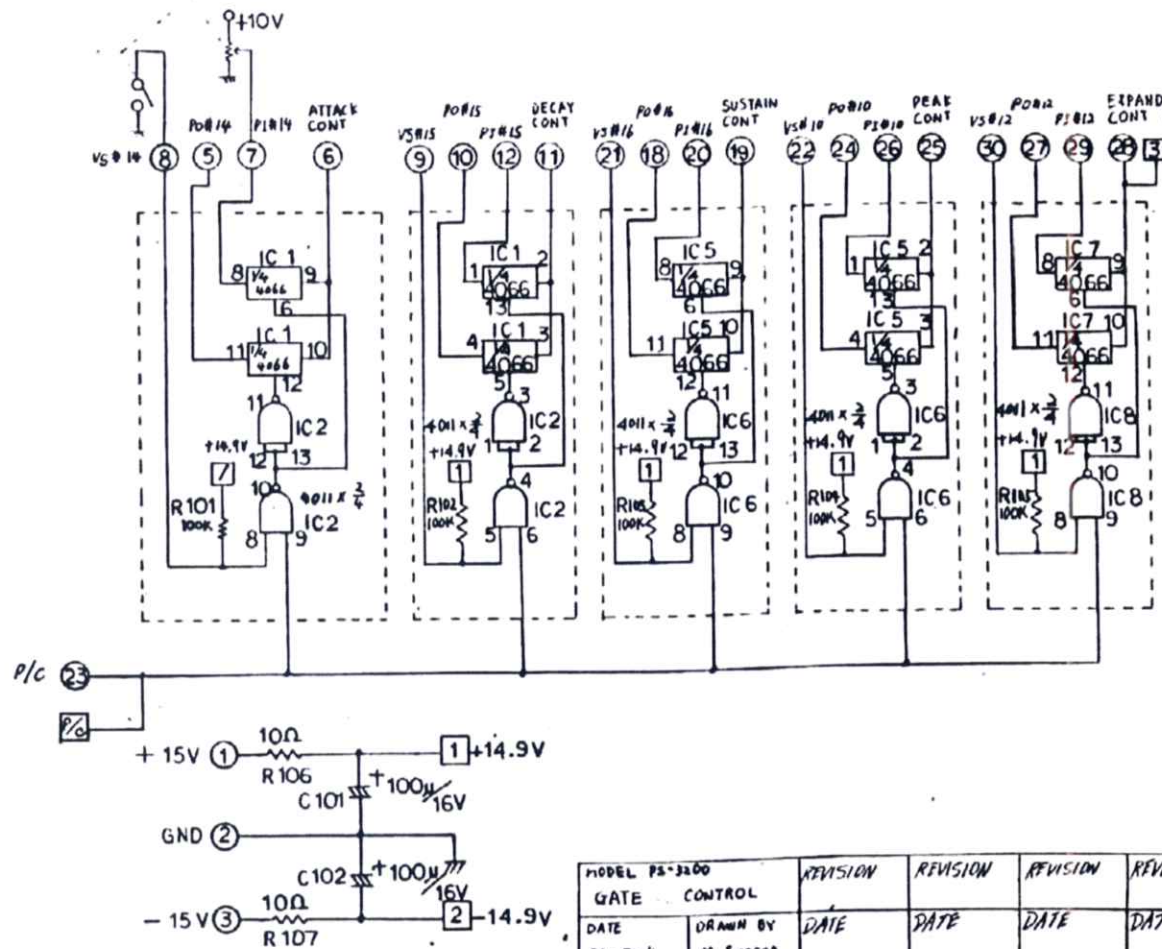
KLM-147



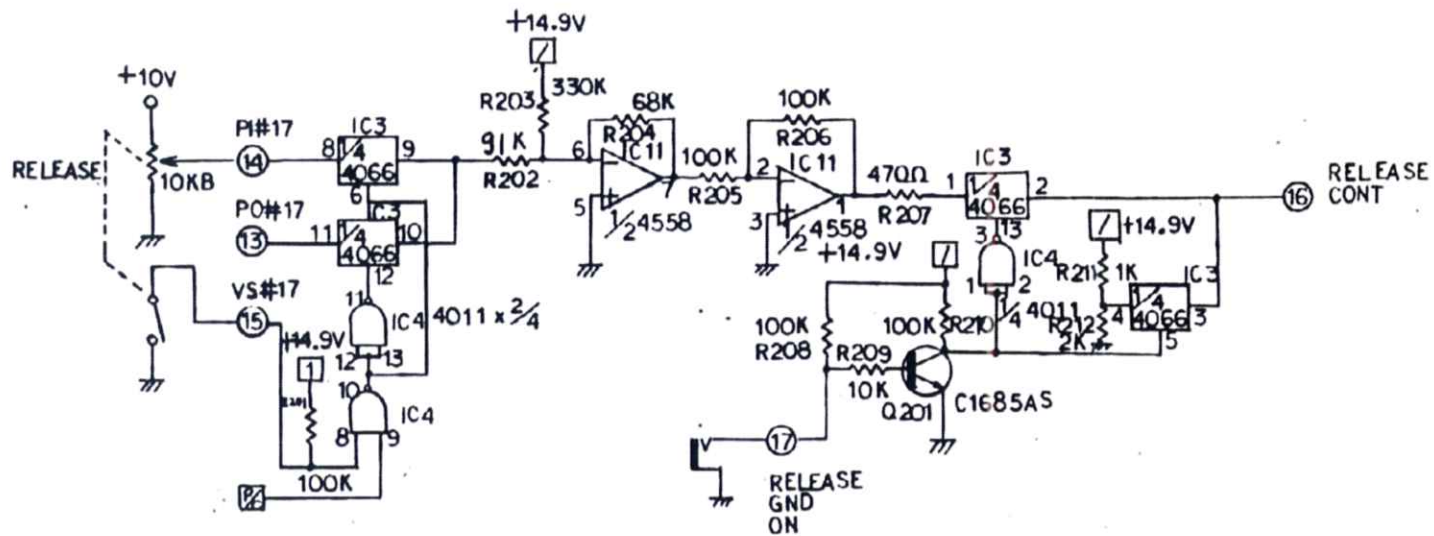


7





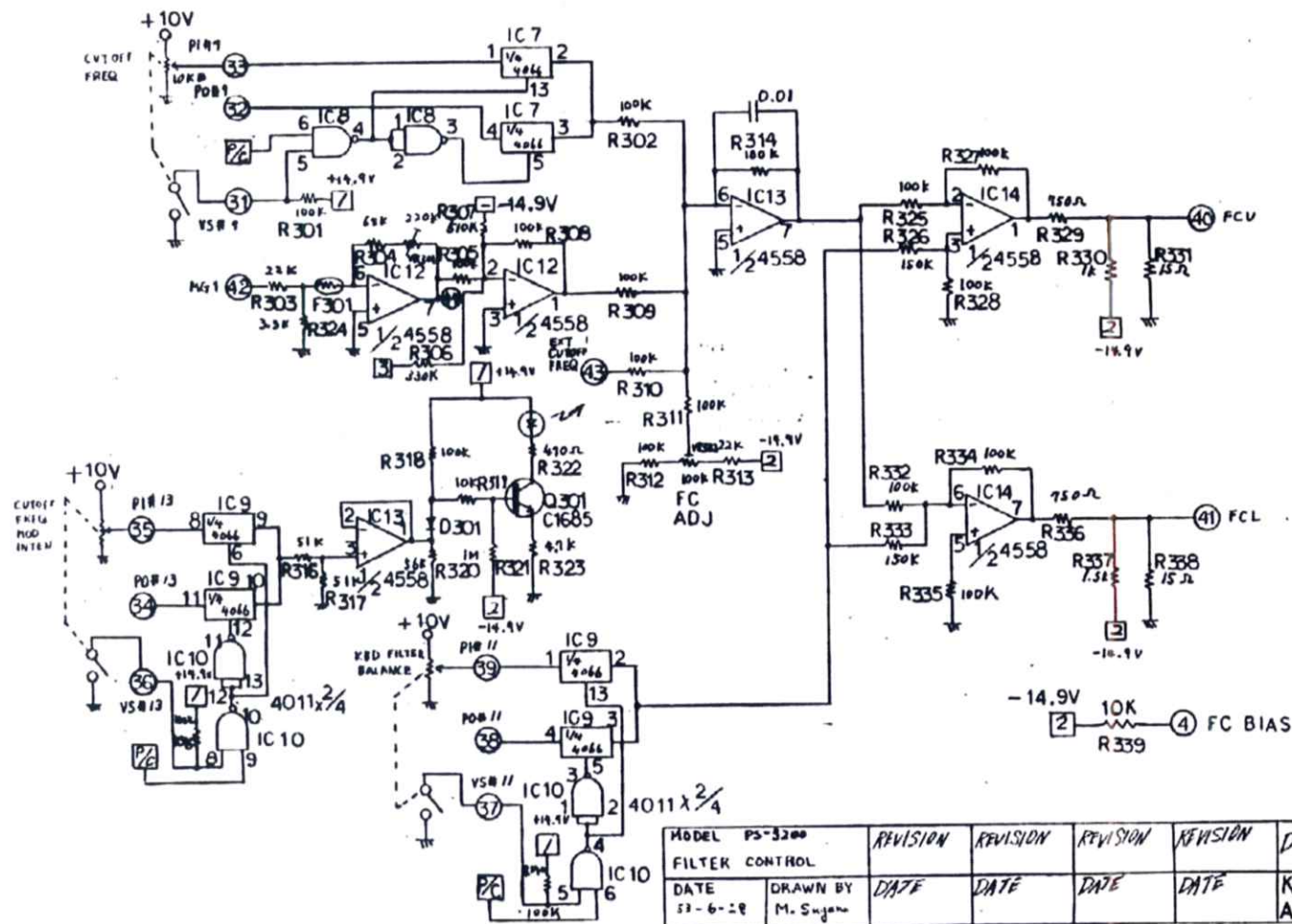
MODEL PS-3200		REVISION	REVISION	REVISION	REVISION	DWG NO.
GATE CONTROL		DATE	DATE	DATE	DATE	
DATE	DRAWN BY	DATE	DATE	DATE	DATE	KOD-A40059
53-7-4	M. Suga...					KLM-148

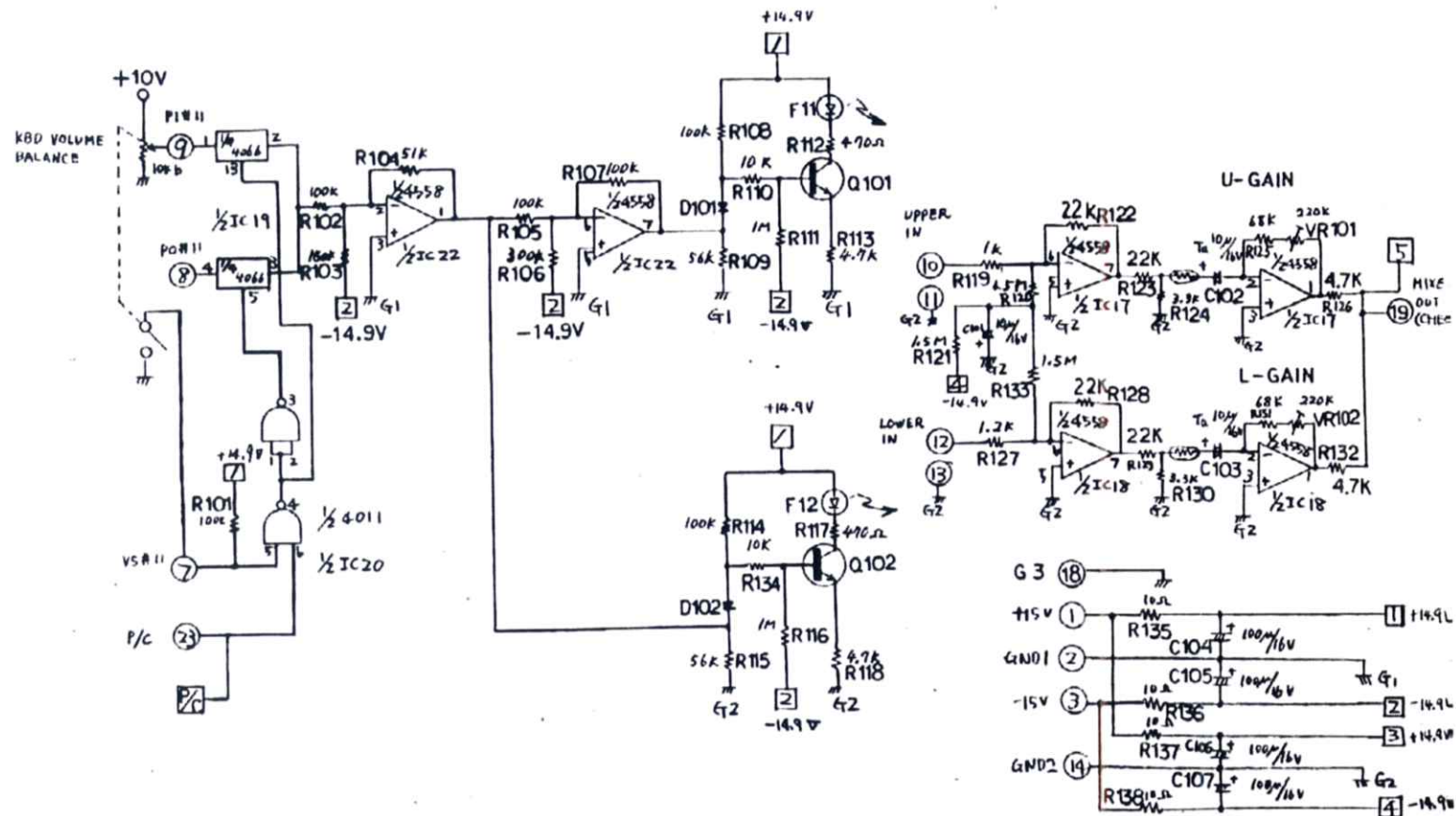


MODEL P5-3200	REVISION	REVISION	REVISION	REVISION	DWG NO.
RELEASE CONTROL					
DATE	DRAWN BY	DATE	DATE	DATE	KOD -
24-7-78	K. Miyawaki				A40060

K L M-148



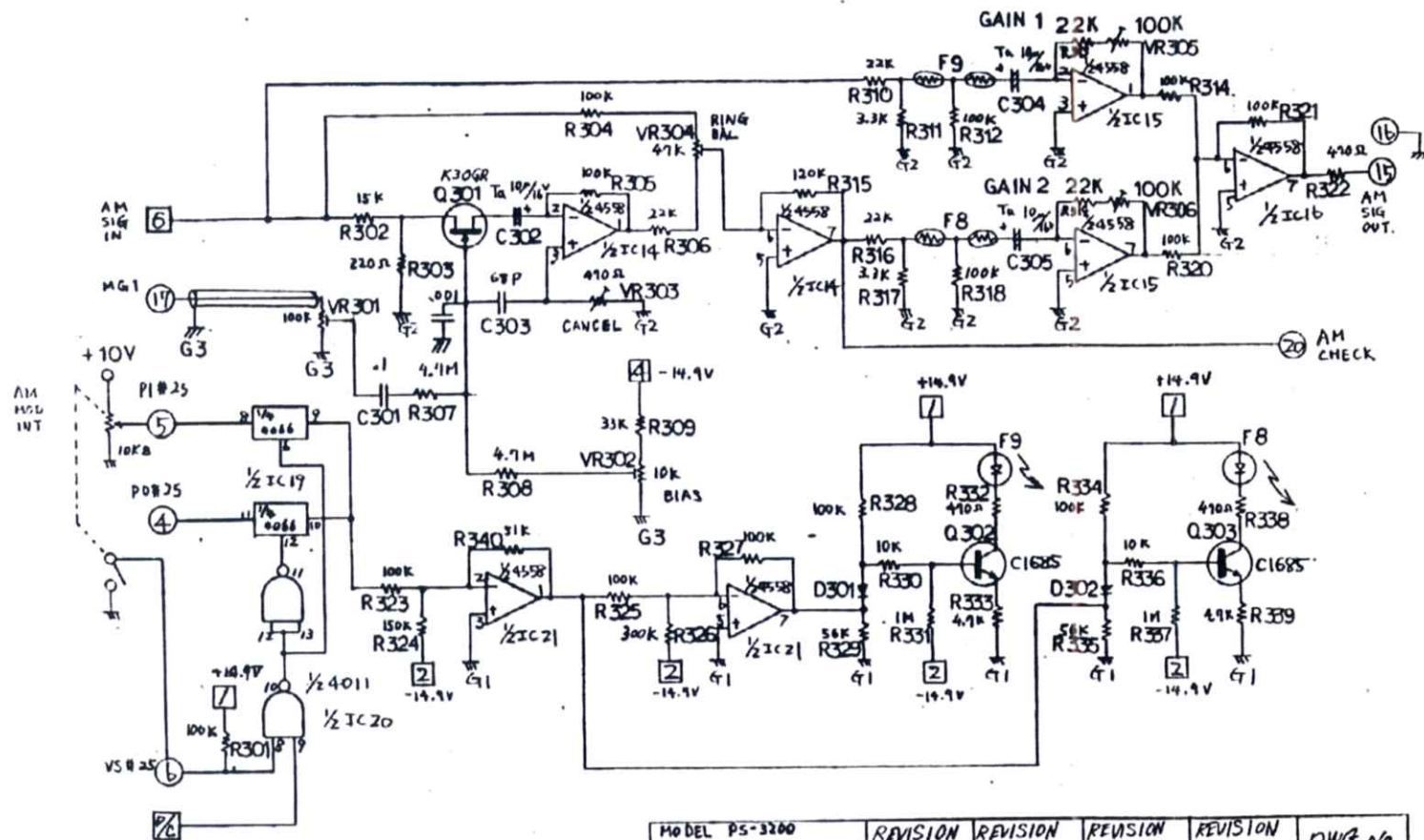




MODEL PS-3300		REVISION	REVISION	REVISION	REVISION	DWG No.
BALANCE MIXER ...						KOD-
DATE	WRITTEN BY	DATE	DATE	DATE	DATE	A40062
77-6-24	M. Sugano					

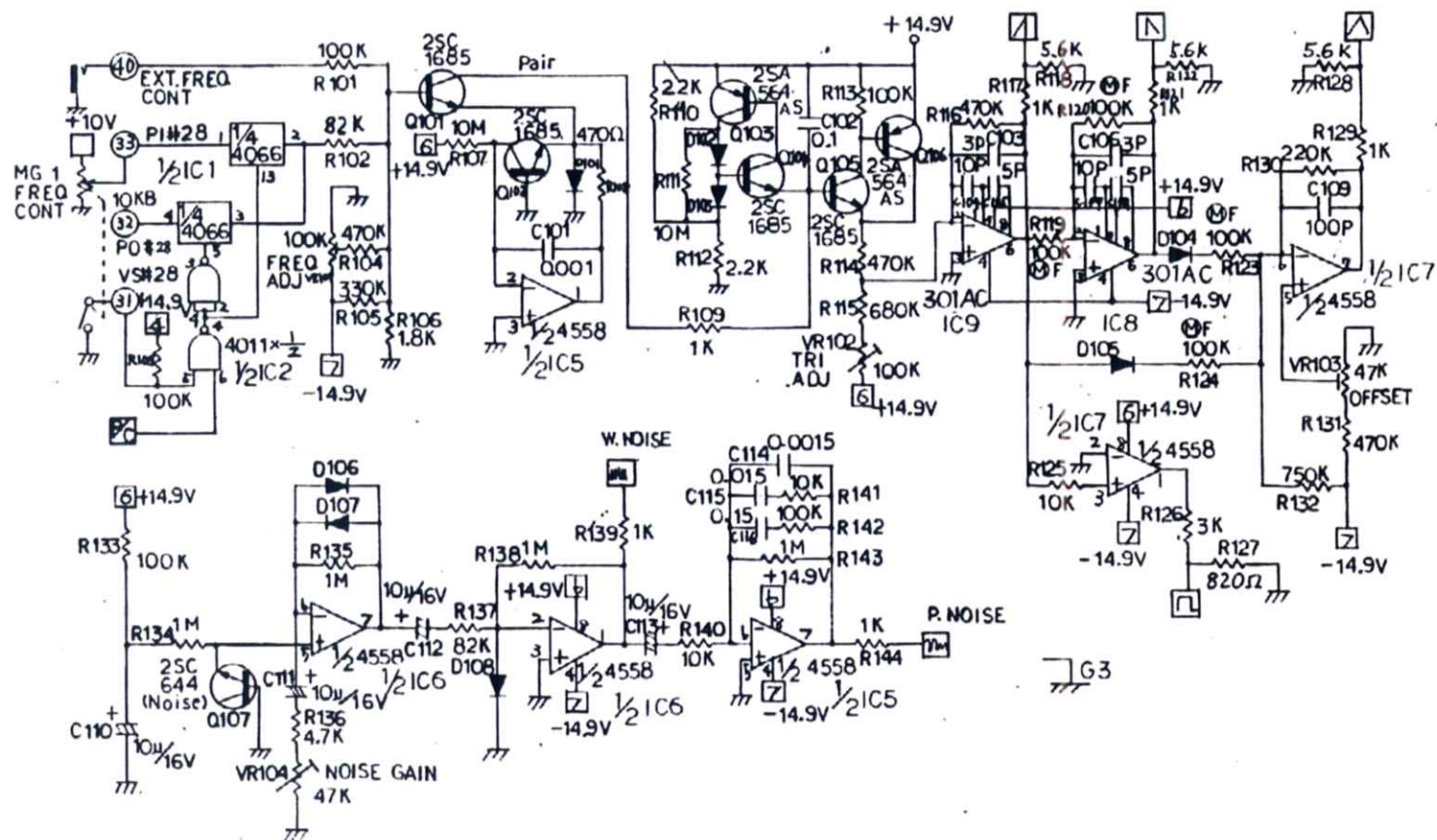
KLM:199





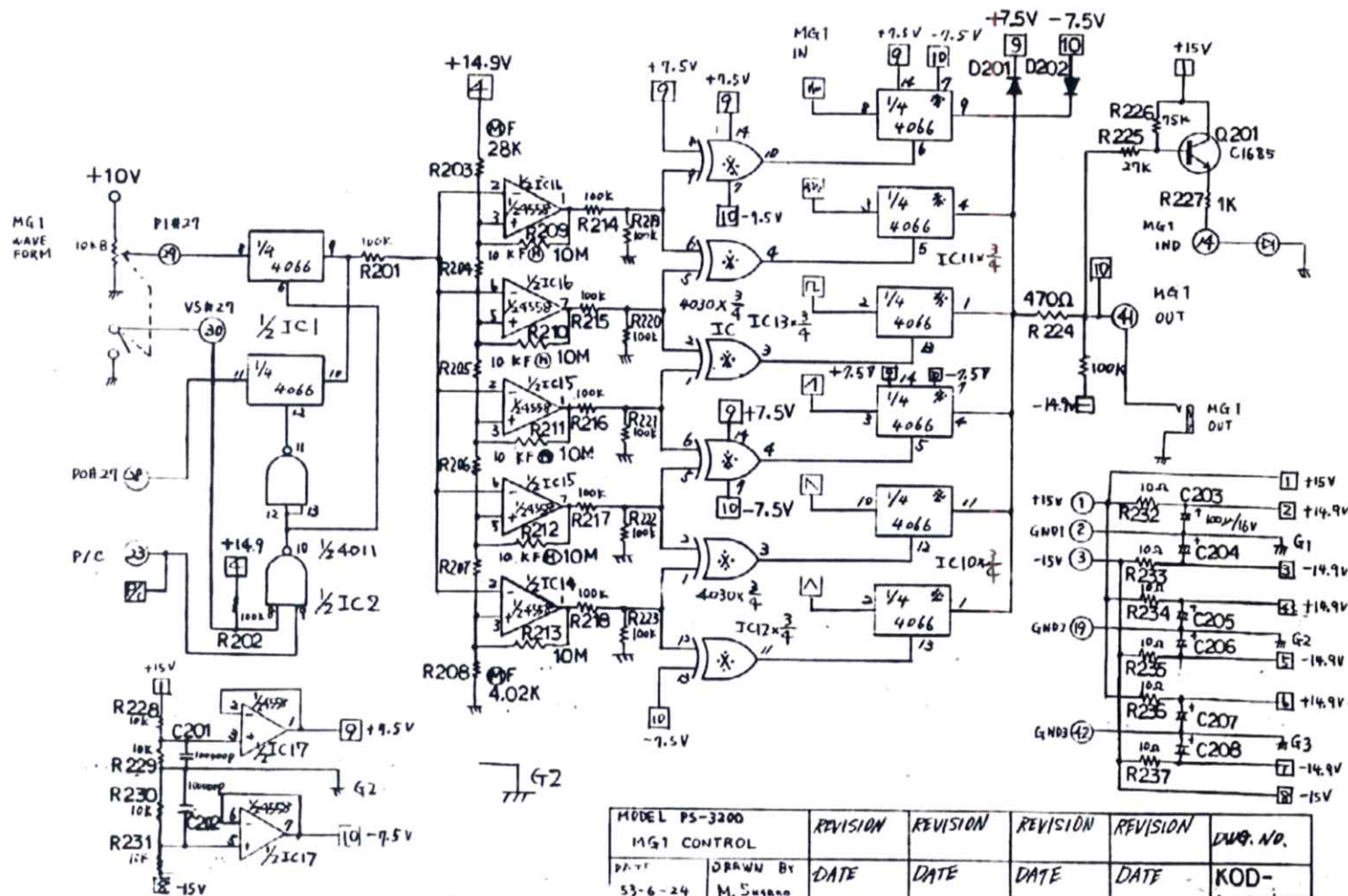
MODEL PS-3200 AMPLITUDE MODULATOR		REVISION	REVISION	REVISION	REVISION	DWG No.
DATE	DRAWN BY	DATE	DATE	DATE	DATE	KOD- A40064
12-6-30	M. S. S. S.					KLM-144





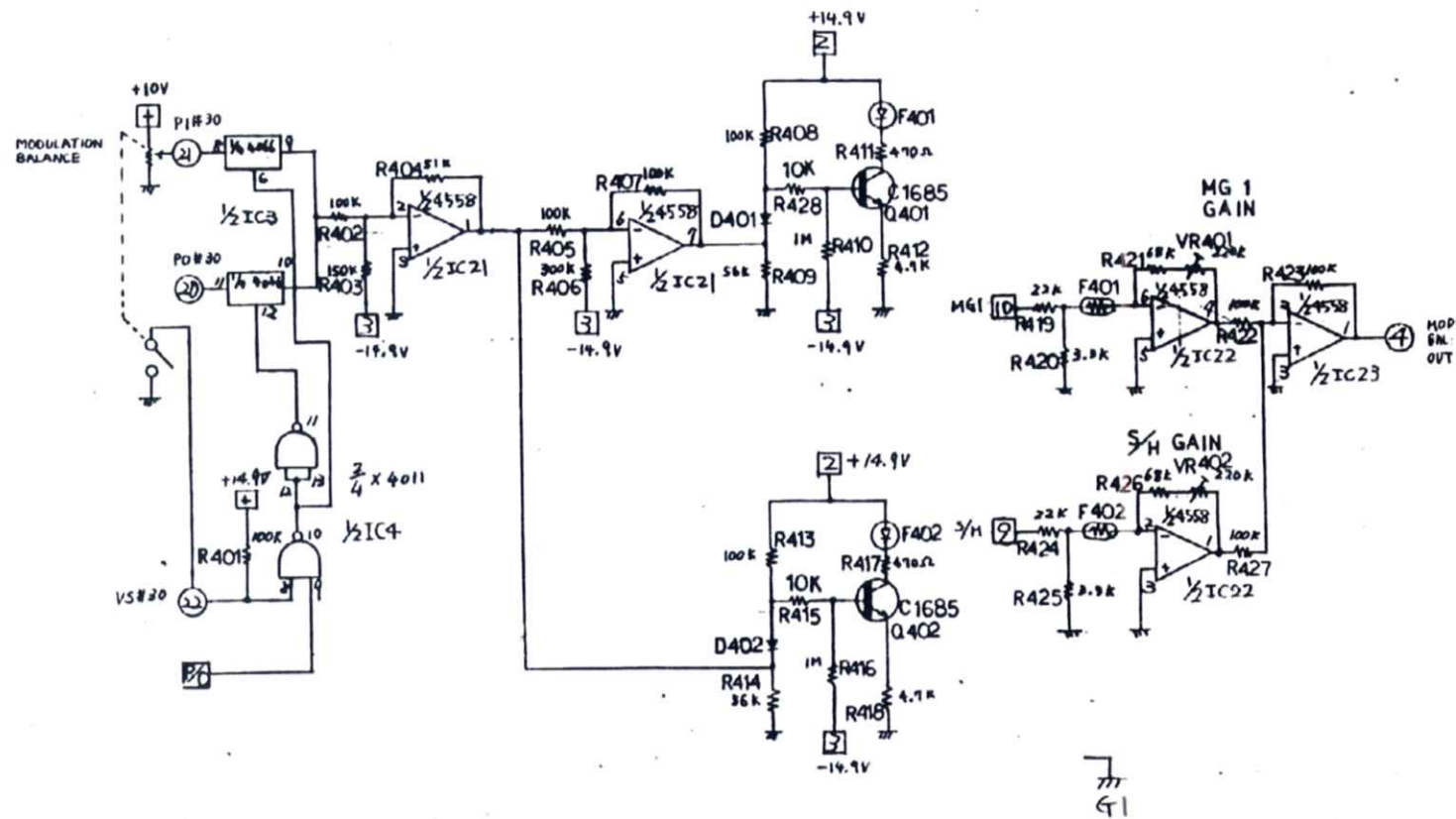
MODEL PS-3280	REVISION	REVISION	REVISION	REVISION	DWG NO
MG-1, NOISE GENERATOR	DATE	DATE	DATE	DATE	KOD-
DATE 10-7-78	DRAWN BY K. M. J. J. J.				A40065

KIM-146



KLM-146

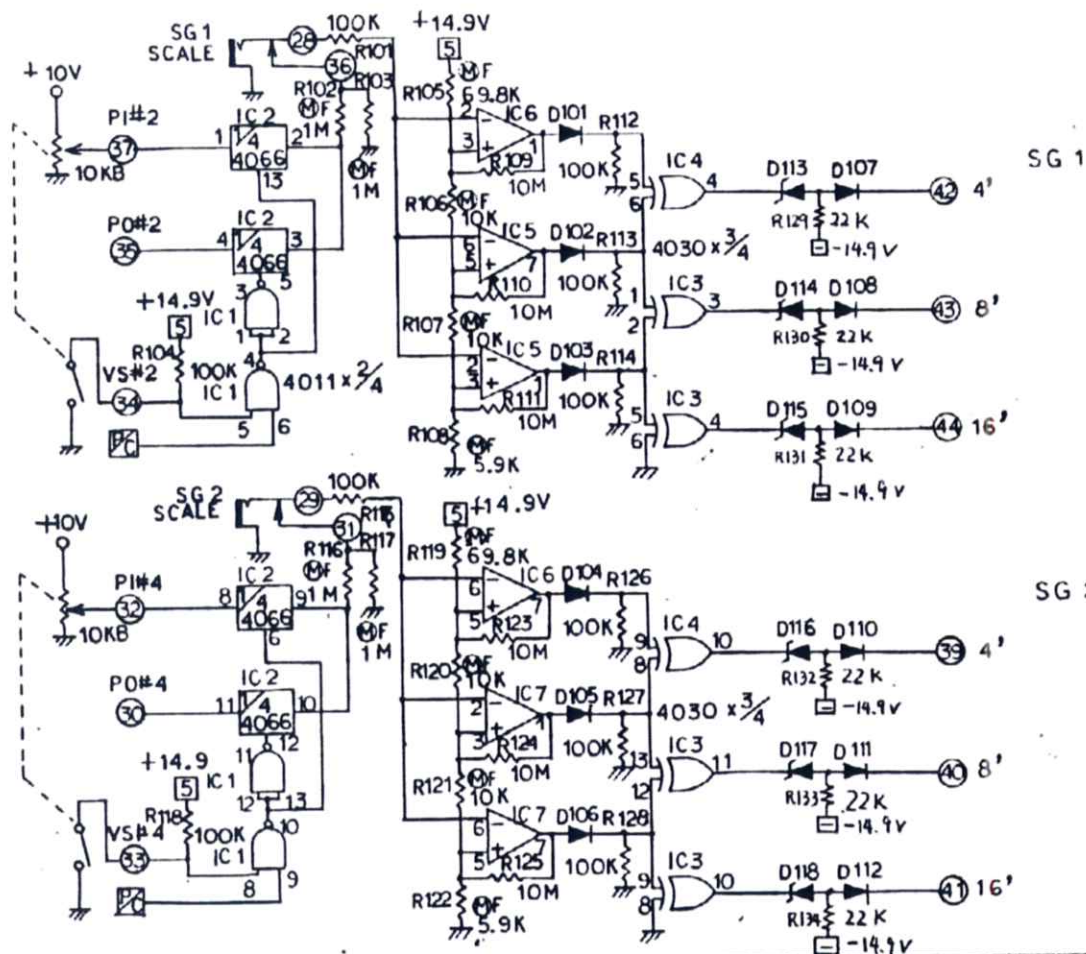




MODEL PS-3200		REVISION	REVISION	REVISION	REVISION	DWG. No.
MODULATION BALANCE		DATE	DATE	DATE	DATE	KOD -
DATE	DRAWN BY	DATE	DATE	DATE	DATE	A40068
18-6-24	M. Sugano					

KLM-146



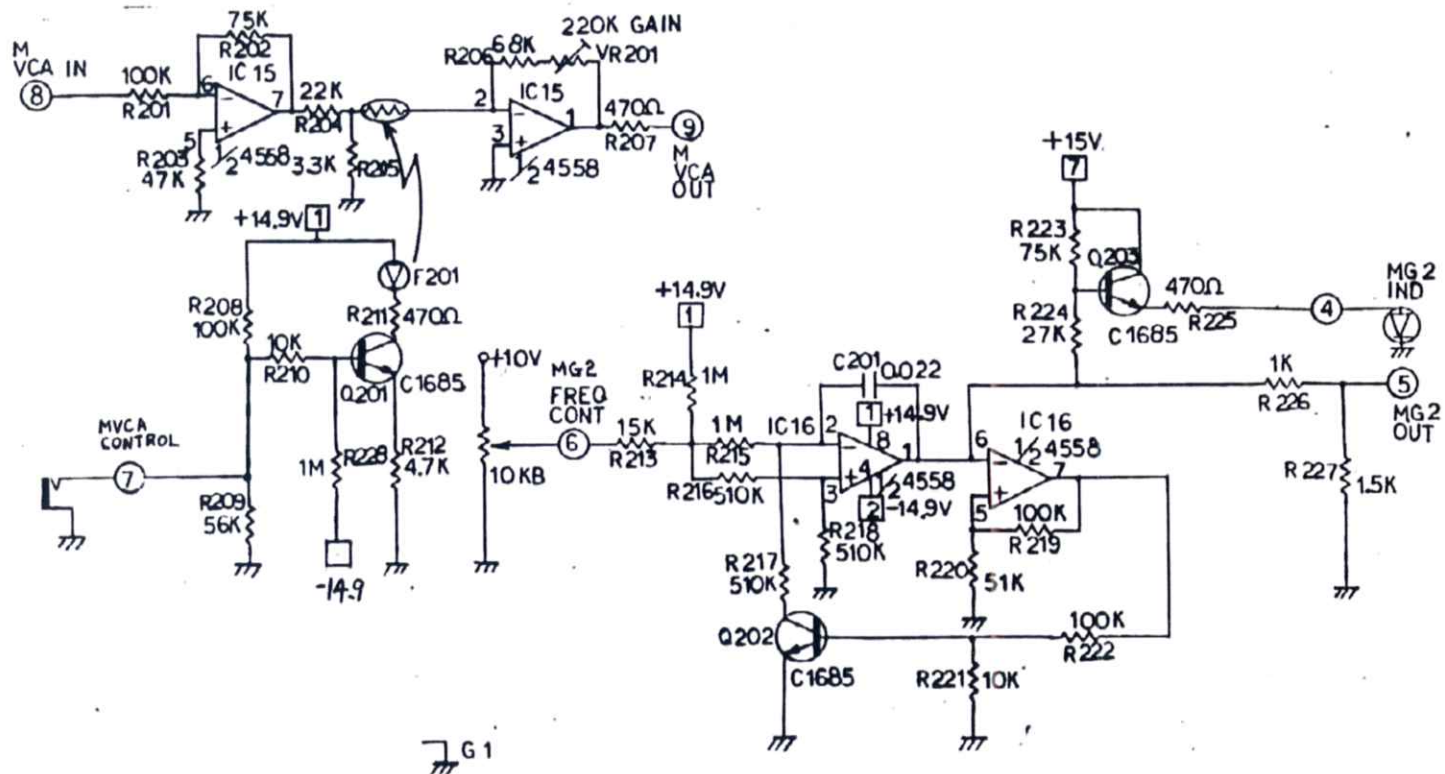


SG 1

SG 2

G3

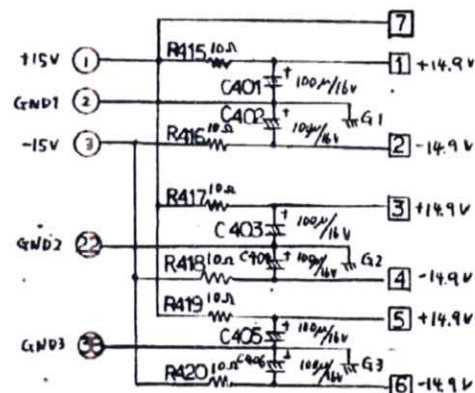
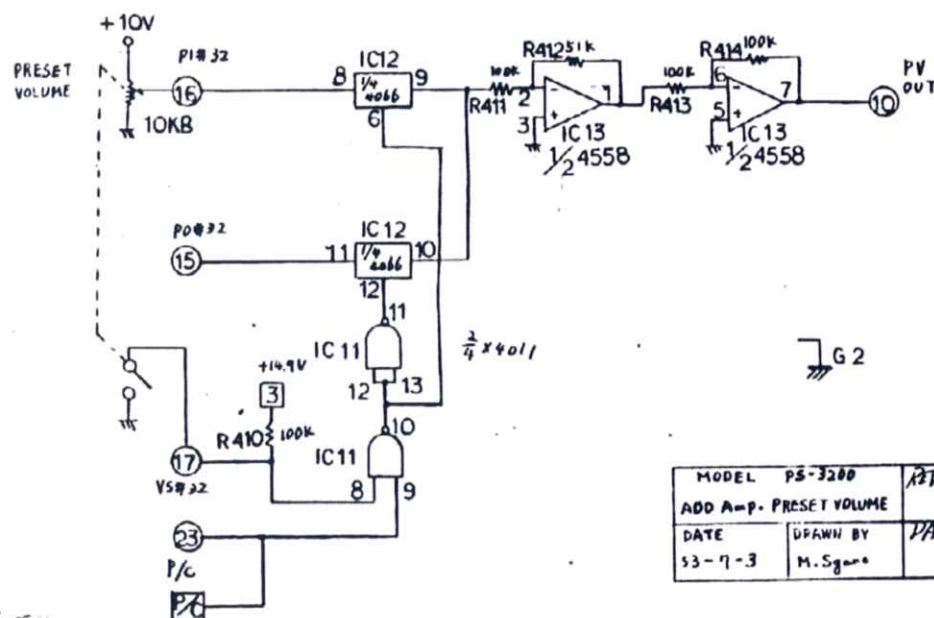
MODEL PS-3300	REVISION	REVISION	REVISION	REVISION	DWG.
SCALE CONTROL	DATE	DATE	DATE	DATE	NO. 1
DATE 10-7-78	DRAWN BY K. H. Y. - 10-7-78				KOD
MS.					A40069



MODEL P5-3200	REVISION	REVISION	REVISION	REVISION	DWG NO
MOD-VCA, MG 2					
DATE	DRAWN BY	DATE	DATE	DATE	KOD -
10-7-78	K.MIYAWAKI				A40070

KLM-150

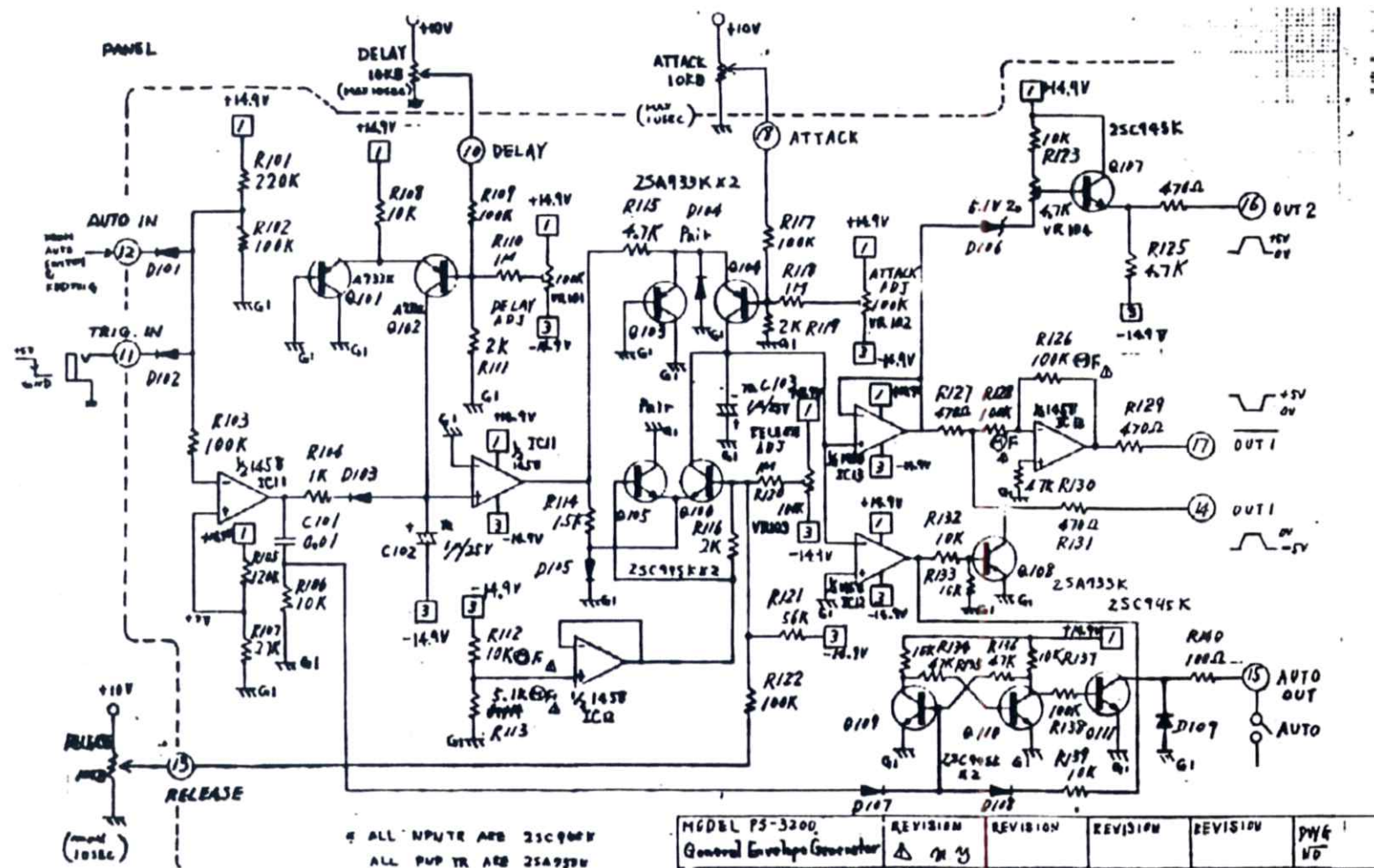




MODEL PS-3200	REVISION	REVISION	REVISION	REVISION	DWG NO.
ADD A-M. PRESET VOLUME					
DATE	DRAWN BY	DATE	DATE	DATE	KOD -
53-7-3	M. Sgano				A40072

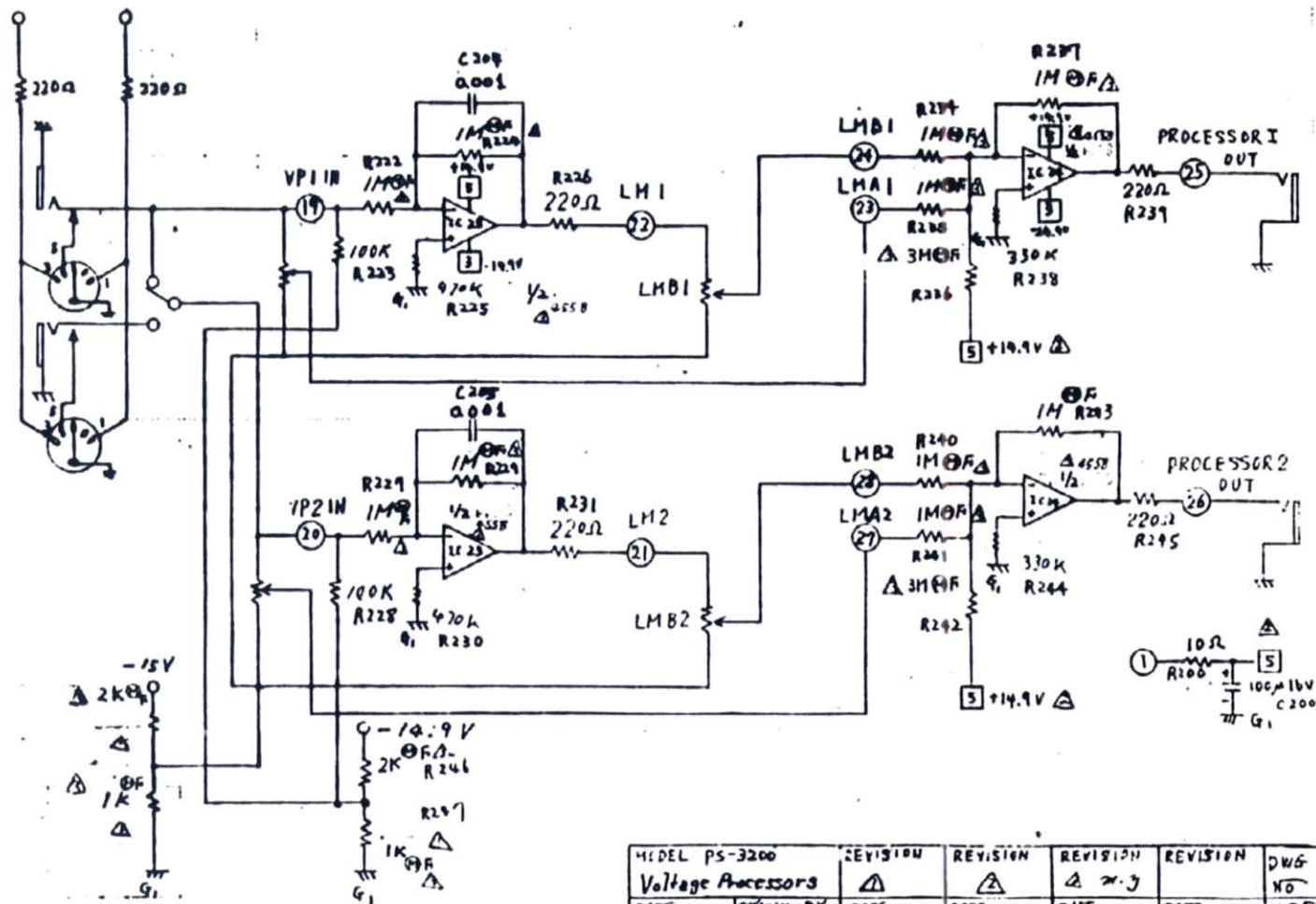
KLM-150





MODEL PS-3200 General Envelope Generator		REVISION	REVISION	REVISION	DATE
DATE	DRAWN BY	DATE	DATE	DATE	DATE
26-2-77	K. TSHII	77-11-10			

KLM-76

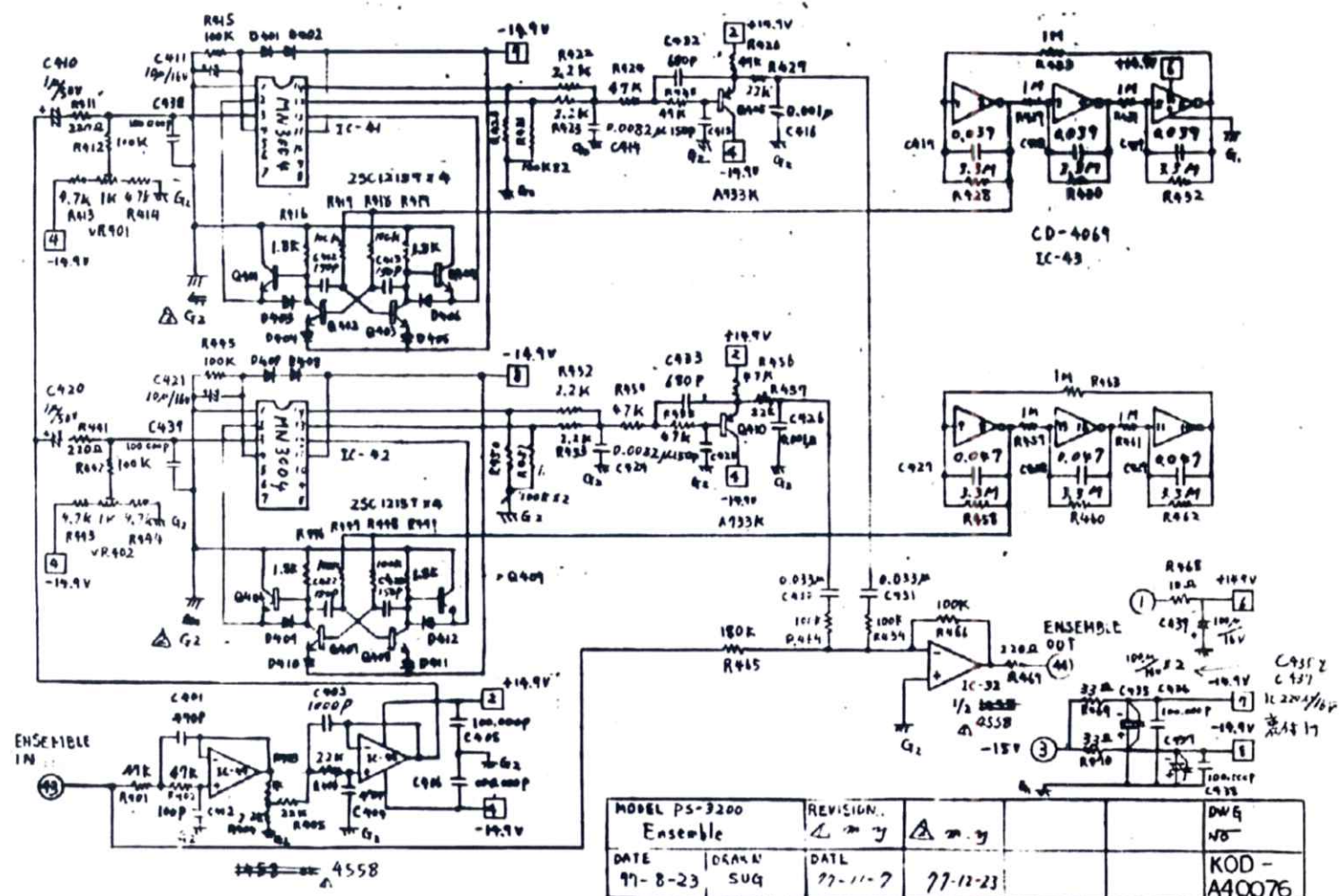


MODEL PS-3200	REVISION	REVISION	REVISION	REVISION	DWG
Voltage Accessors	Δ	Δ	Δ	Δ	NO
DATE	DRAWN BY	DATE	DATE	DATE	DATE
78-2-77	K. ISHII	52-7-11	52-8-22	77-11-7	KOD-
					A40074

KLM-76







KLM-76



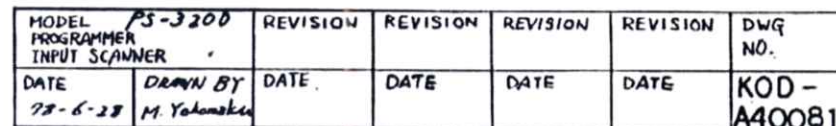
Hand-drawn schematic diagram of a power supply system for a lamp. The system includes a transformer with a 240V primary and 117V secondary. The secondary is connected to two full-bridge rectifiers (D1-D4 and D5-D8) with fuses (FUSE 1 and FUSE 2). The rectifiers are connected to two identical power supply modules, each labeled '250307 Pn 0'. Each module contains a transistor (Q1, Q2), a diode (D1, D2), a resistor (R1, R2), a capacitor (C1, C2), and an integrated circuit (IC-1, IC-2). The modules are connected to a common ground (GND) and a common output line. The output line is connected to a lamp (LAMP) and a voltage source (V.D. -15). The diagram also shows a 15.00V source connected to the output line. A table at the bottom left lists components: PS-3100, PS-3300, and a lamp.

PS-3100	PS-3300
LAMP	

	PS-3100	PS-3300
AG FUSE	1A	2A
FUSE 1	1A FAST	2A FAST
FUSE 2	1A FAST	2A FAST

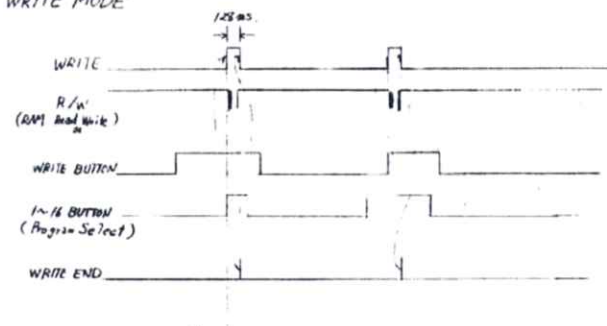
MODEL PS-3200	REVISION $\Delta$	REVISION $\Delta$	REVISION	DWG NO.
POWER SUPPLY				
DATE	DATE	DATE	DATE	KOD -
77-5-11	52-10-11	53-12		A40077

KLM-65B

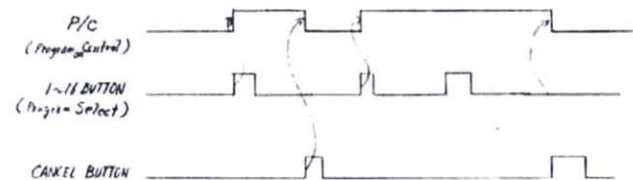


# PROGRAMMER TIMING CHART (1)

## WRITE MODE

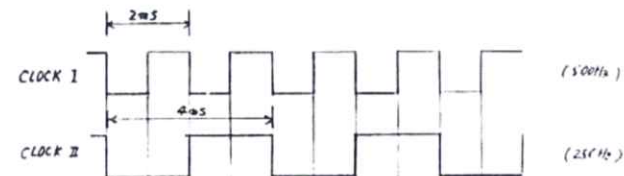


## READ MODE

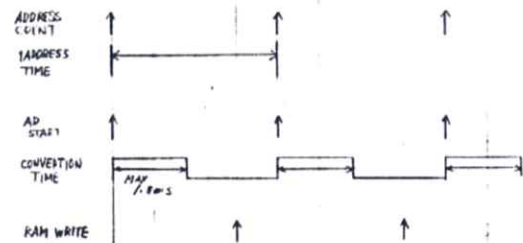


MODEL PS-3300	DWG
PROGRAMMER	NUMBER
TIMING CHART (1)	
DATE	DRAWN BY
1978-7-14	M. Y. S. S. S. S.
	KOD-
	A40078

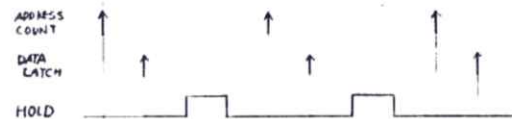
# PROGRAMMER TIMING CHART (I)



## WRITE MODE



## READ MODE



ONE CYCLE :  $4ms \times 32 = 128ms$

MODEL PS-3200	DWG
PROGRAMMER	NUMBER
DATE 1978-7-13	DRAWN BY KOD -
M. Y. K. K. K.	A40079



# \* ADDRESS CHART

PA  
(Program Address)

PUSH BUTTON	PA0 (0)	PA3 (3)	PA2 (2)	PA1 (1)
1	0	0	0	0
2	0	0	0	1
3	0	0	1	0
4	0	0	1	1
5	0	1	0	0
6	0	1	0	1
7	0	1	1	0
8	0	1	1	1
9	1	0	0	0
10	1	0	0	1
11	1	0	1	0
12	1	0	1	1
13	1	1	0	0
14	1	1	0	1
15	1	1	1	0
16	1	1	1	1

NOTICE (1)

"1" = "H" = +5V.  
"0" = "L" = 0V

IA  
(Item Address)

KNOB	IA0 (0)	IA5 (5)	IA4 (4)	IA3 (3)	IA2 (2)	IA1 (1)
SG1 WAVE FORM	#1	0	0	0	0	0
SG1 SCALE	#2	0	0	0	0	1
SG2 WAVE FORM	#3	0	0	0	1	0
SG2 SCALE	#4	0	0	0	1	1
SG2 FREQUENCY	#5	0	0	1	0	0
TOTAL PWM SPEED	#6	0	0	1	0	1
TOTAL PWM INTENSITY	#7	0	0	1	1	0
TOTAL FREQ MOD BN	#8	0	0	1	1	1
DLPF CUTOFF FREQ	#9	0	1	0	0	0
DLPF PEAK	#10	0	1	0	0	1
DLPF MOD FILT BAL	#11	0	1	0	1	0
DLPF EXPAND	#12	0	1	0	1	1
DLPF MOD INTRN	#13	0	1	1	0	0
EMI ATTACK TIME	#14	0	1	1	0	1
EMI DECAY TIME	#15	0	1	1	1	0
EMI SUSTAIN LEVEL	#16	0	1	1	1	1
EMI RELEASE TIME	#17	1	0	0	0	0
EQ 8 KHz	#18	1	0	0	0	1
EQ 4 KHz	#19	1	0	0	1	0
EQ 2 KHz	#20	1	0	0	1	1
EQ 1 KHz	#21	1	0	1	0	0
EQ 500 Hz	#22	1	0	1	0	1
EQ 250 Hz	#23	1	0	1	1	0
EQ 125 Hz	#24	1	0	1	1	1
AMPLITUDE MODULAM	#25	1	1	0	0	0
RDD VOL BAL	#26	1	1	0	0	1
MGI WAVE FORM	#27	1	1	0	1	0
MGI FREQUENCY	#28	1	1	0	1	1
3/4 CLOCK	#29	1	1	1	0	0
MODULATION BAL	#30	1	1	1	0	1
ENSEMBLE	#31	1	1	1	1	0
PRESET VOLUME	#32	1	1	1	1	1

## \* DATA CHART

DAC

ADC

ANALOG DATA	DIGITAL DATA							
	DI 8 DO 8	DI 7 DO 7	DI 6 DO 6	DI 5 DO 5	DI 4 DO 4	DI 3 DO 3	DI 2 DO 2	DI 1 DO 1
0.0000V	0	0	0	0	0	0	0	0
0.0392	0	0	0	0	0	0	0	1
0.1176	0	0	0	0	0	0	1	1
0.2745	0	0	0	0	0	1	1	1
0.5882	0	0	0	0	1	1	1	1
1.2156	0	0	0	1	1	1	1	1
2.4705	0	0	1	1	1	1	1	1
4.7803	0	1	1	1	1	1	1	1
10.0000V	1	1	1	1	1	1	1	1

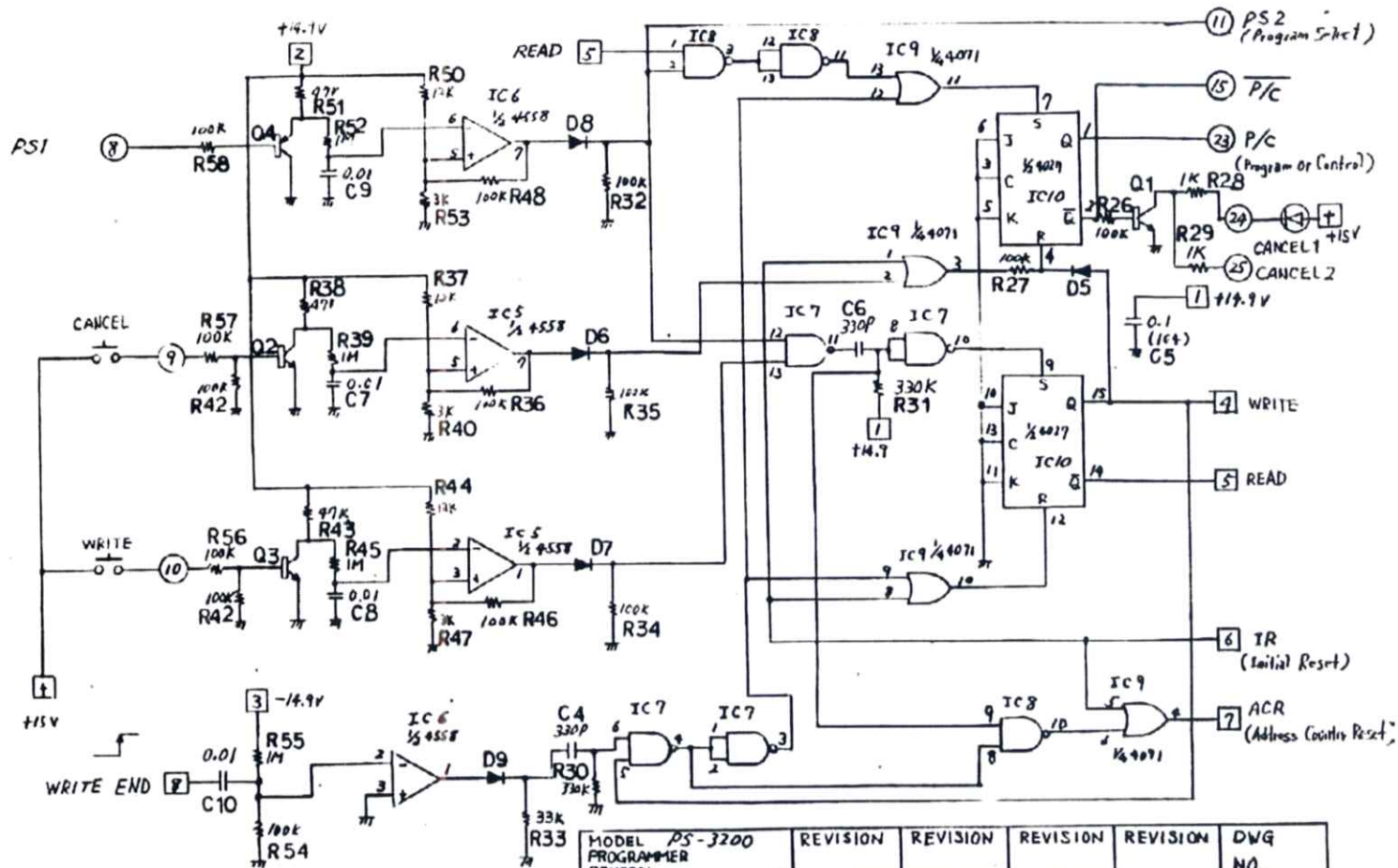
NOTICE (2)

"1" = "H" = +5V  
"0" = "L" = 0V

MODEL PS-3200

ADDRESS & DATA CHART

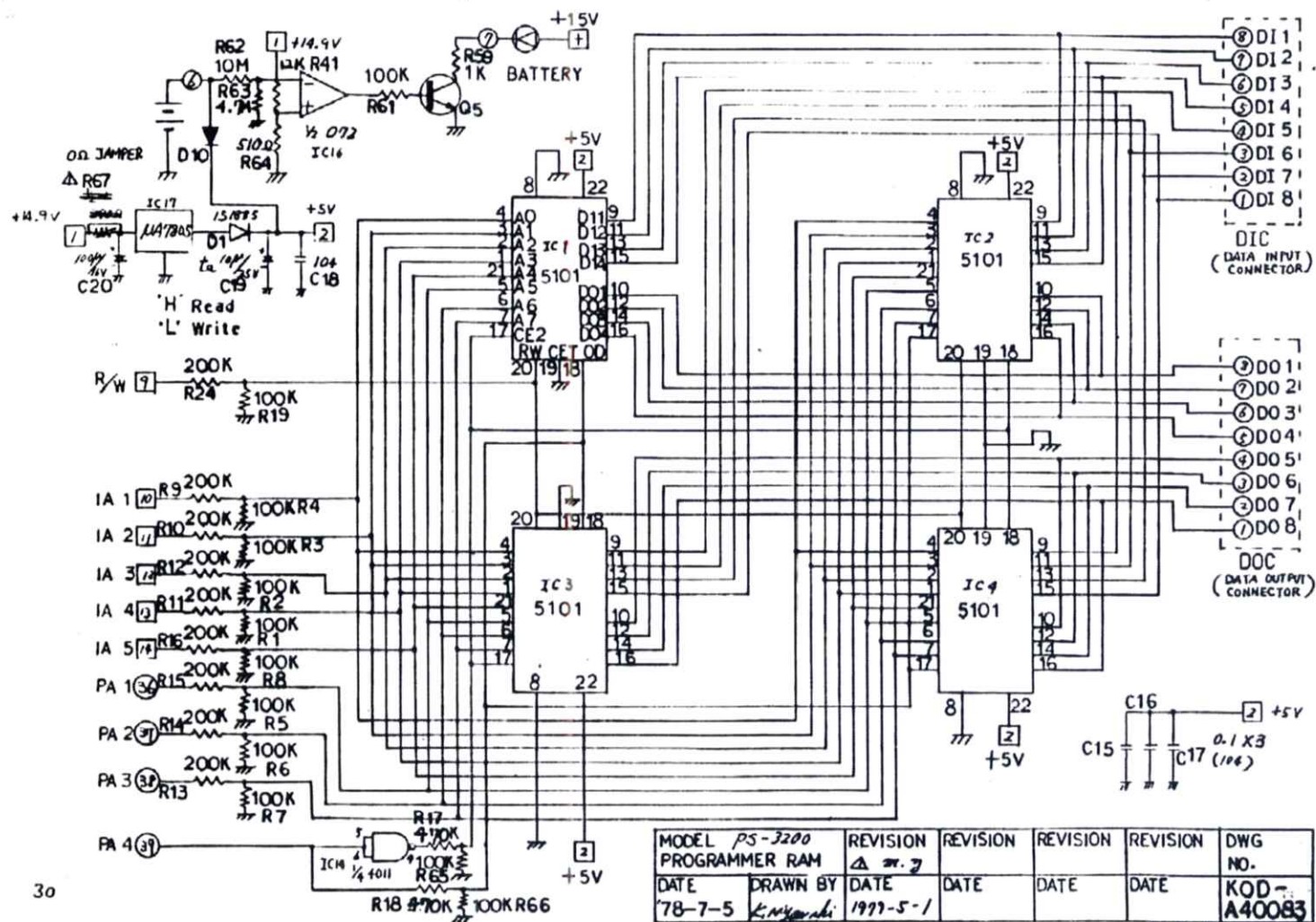
DRAWN BY: DING MO  
1978-12-16 MOD: A0000



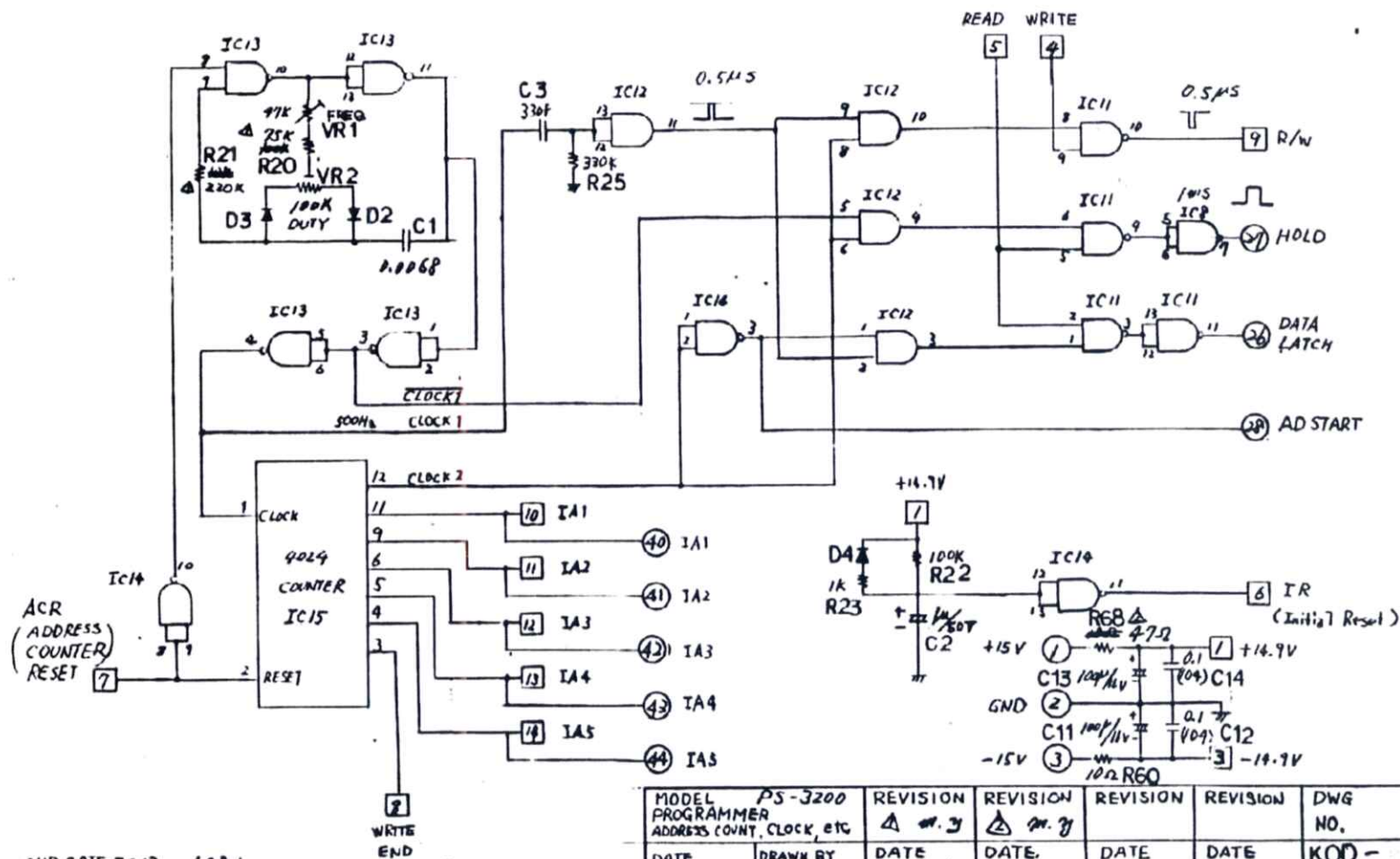
MODEL PS-3200		REVISION	REVISION	REVISION	REVISION	DWG NO.
PROGRAMMER CONTROL						
DATE	DRAWN BY	DATE	DATE	DATE	DATE	KOD-A40084
11/78-7-12	M. Yokomatsu					

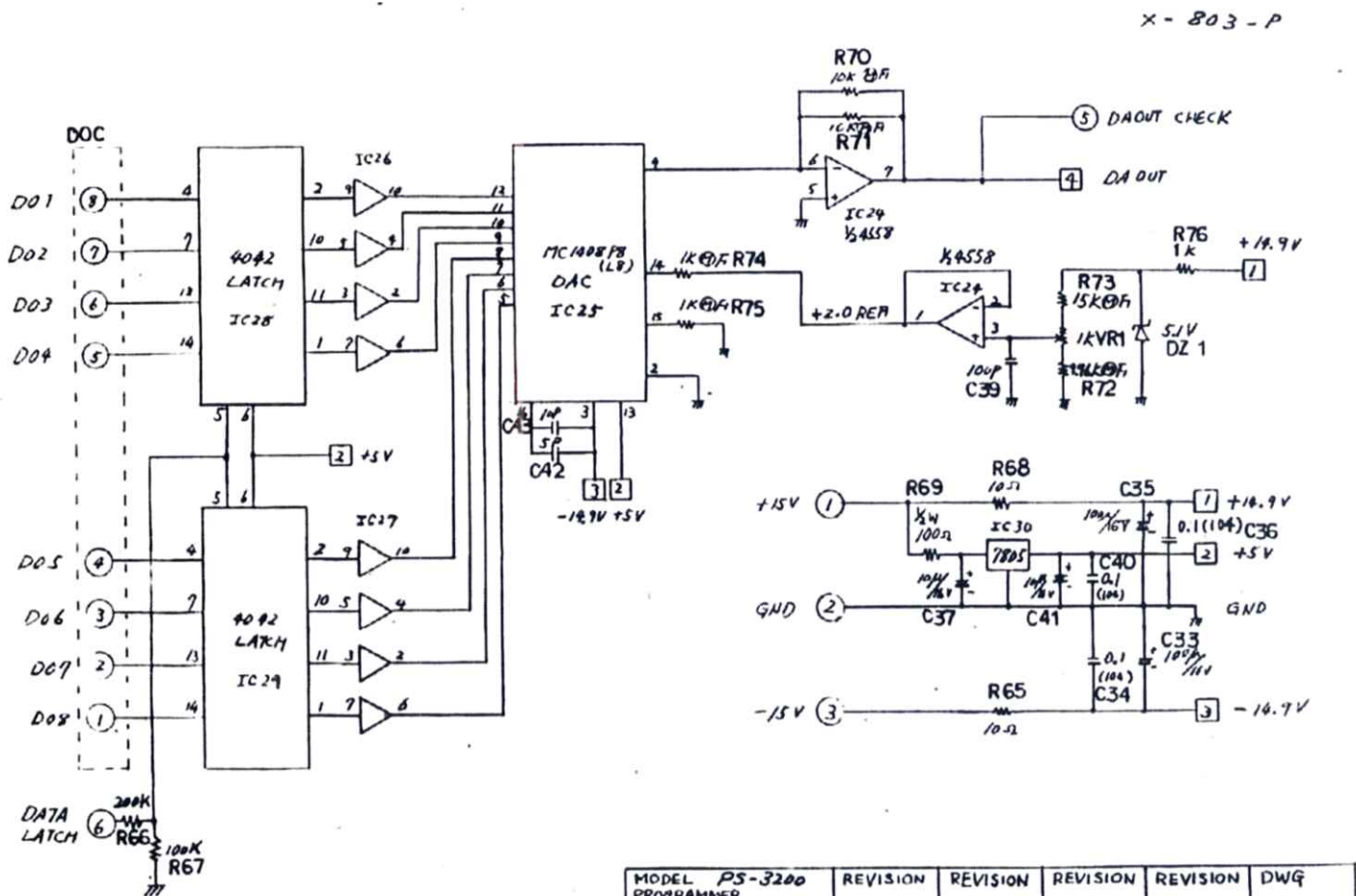
KLM-152











MODEL PS-3200 PROGRAMMER DA CONVERTER	REVISION	REVISION	REVISION	REVISION	DWG NO.
DATE 78-8-3 DRAWN BY M. Yokoyama	DATE	DATE	DATE	DATE	KOD-A40086

KLM-153

