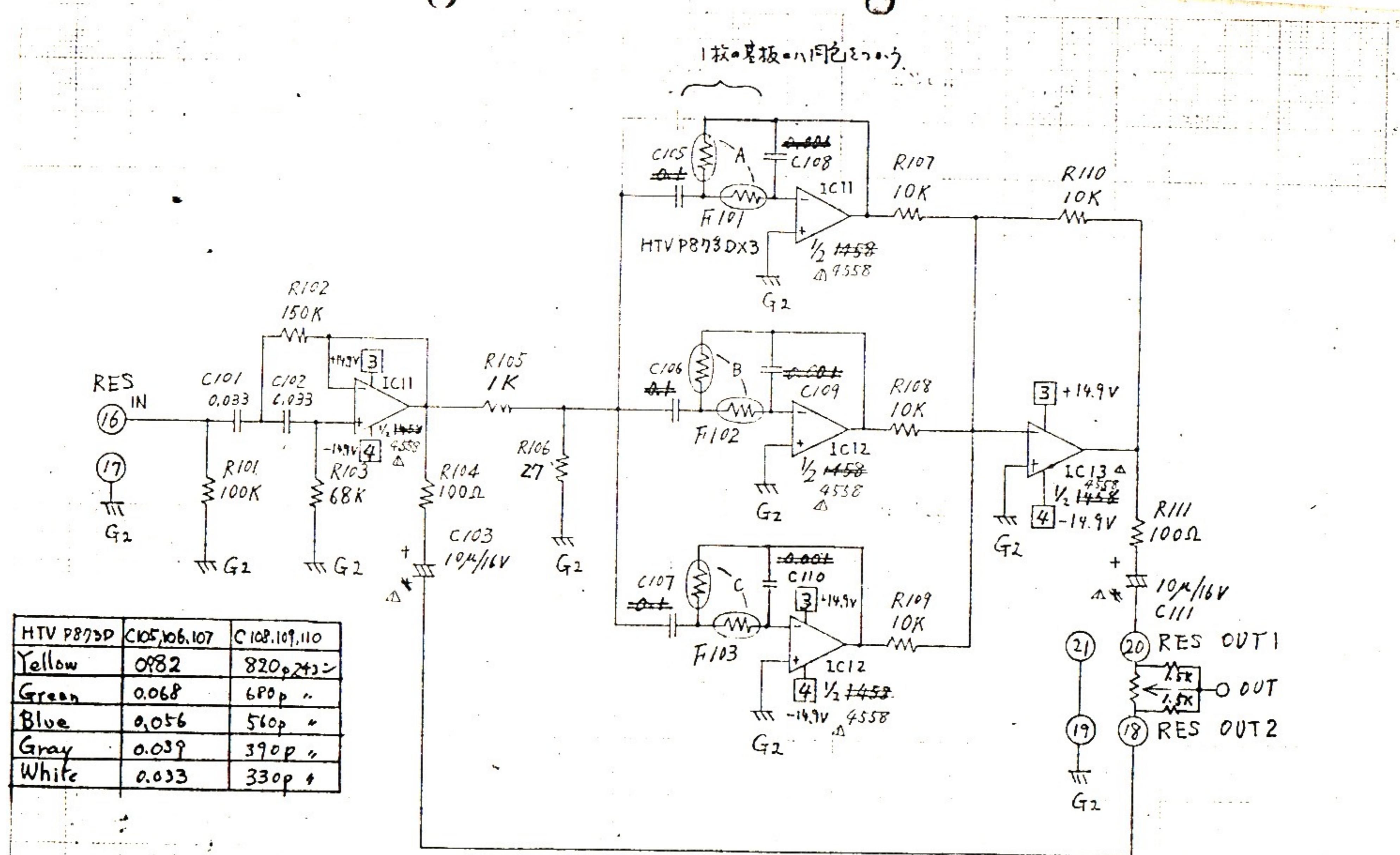


KORG
POLYPHONIC SYNTHESIZER

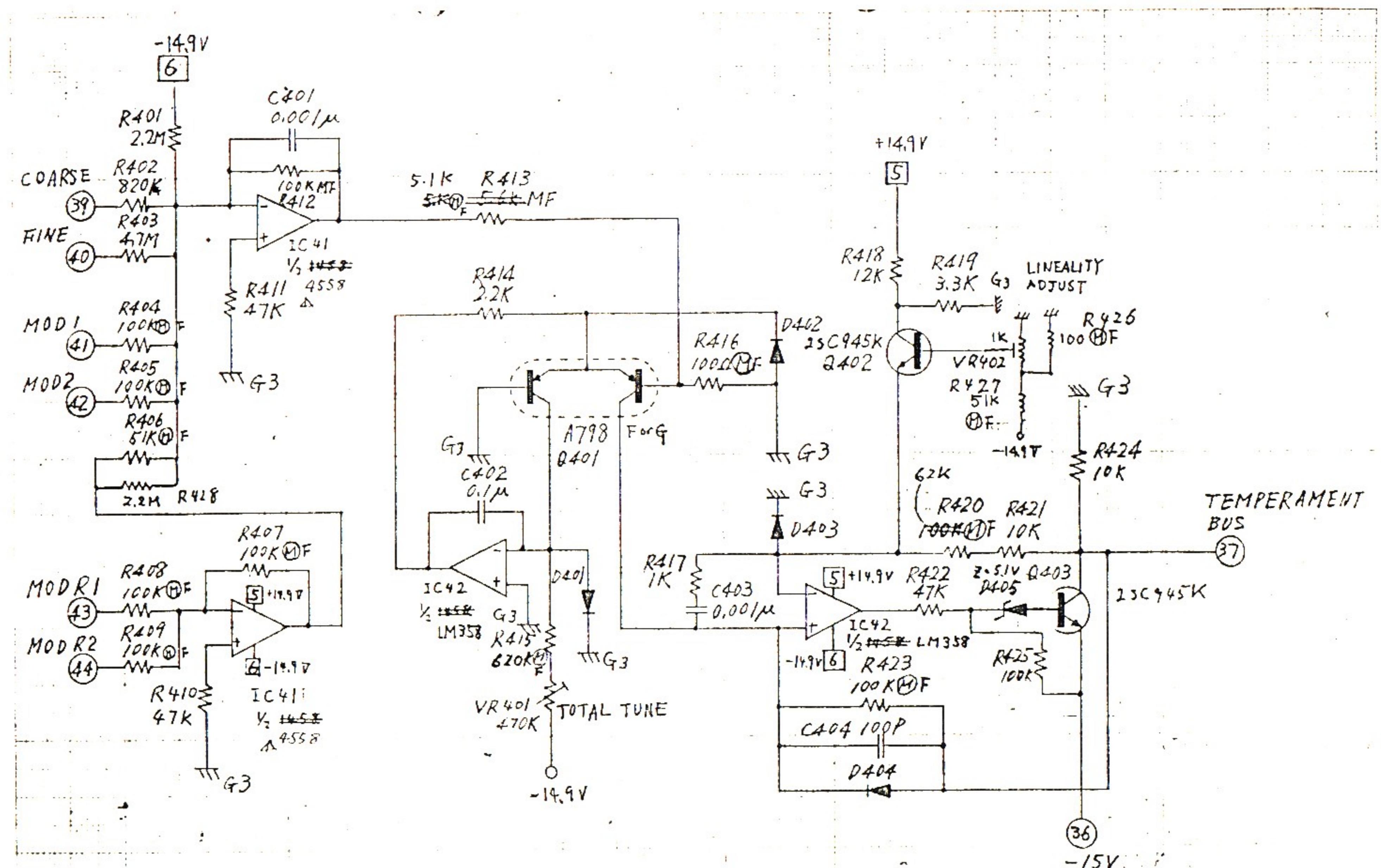
PS-3100, 3300, 3010

CIRCUIT DIAGRAM

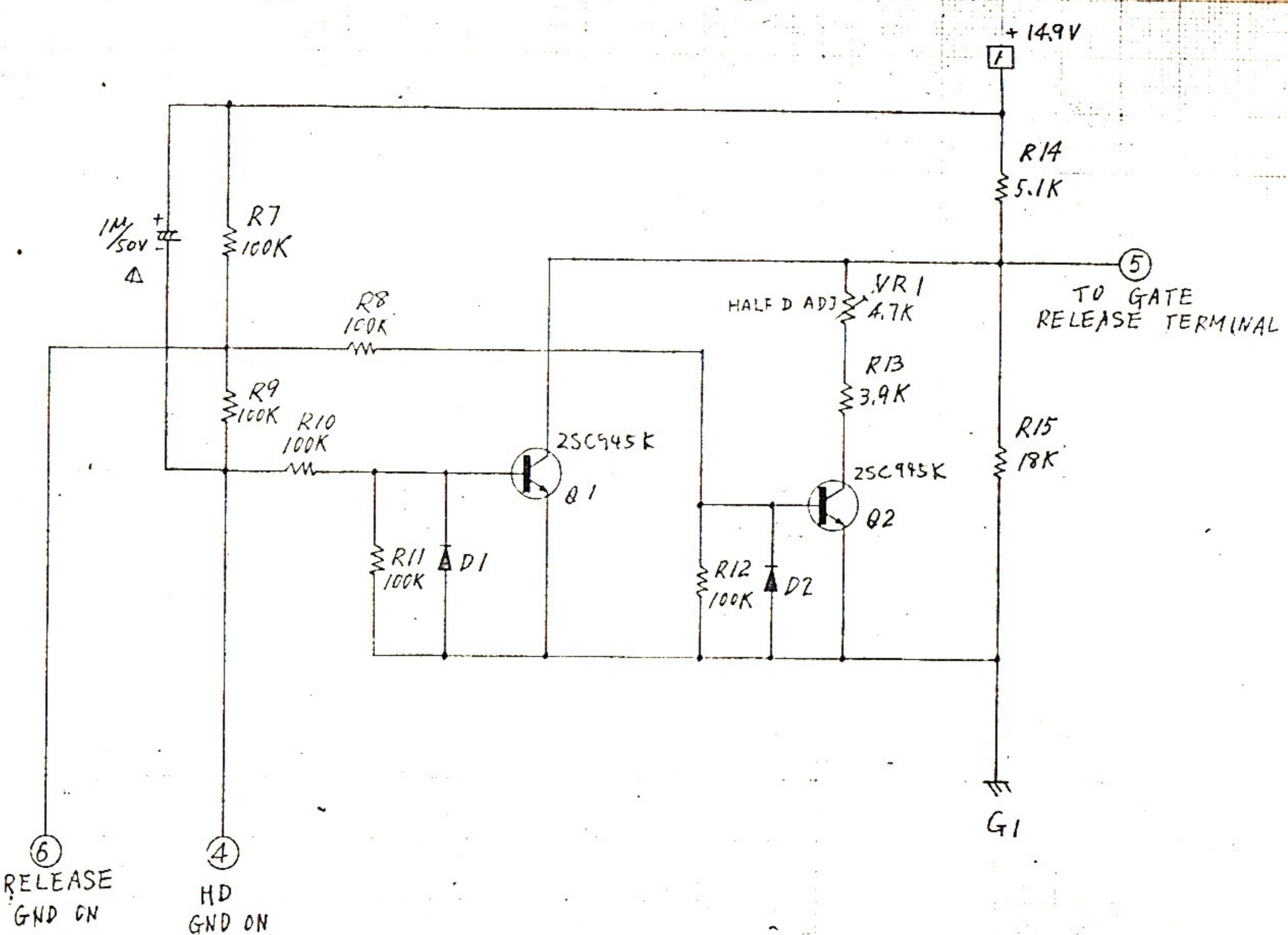
MODEL PS-3100 PS-3300	REVISION	REVISION	REVISION	DWG NO
DATE 77-5-11	DATE	DATE	DATE	



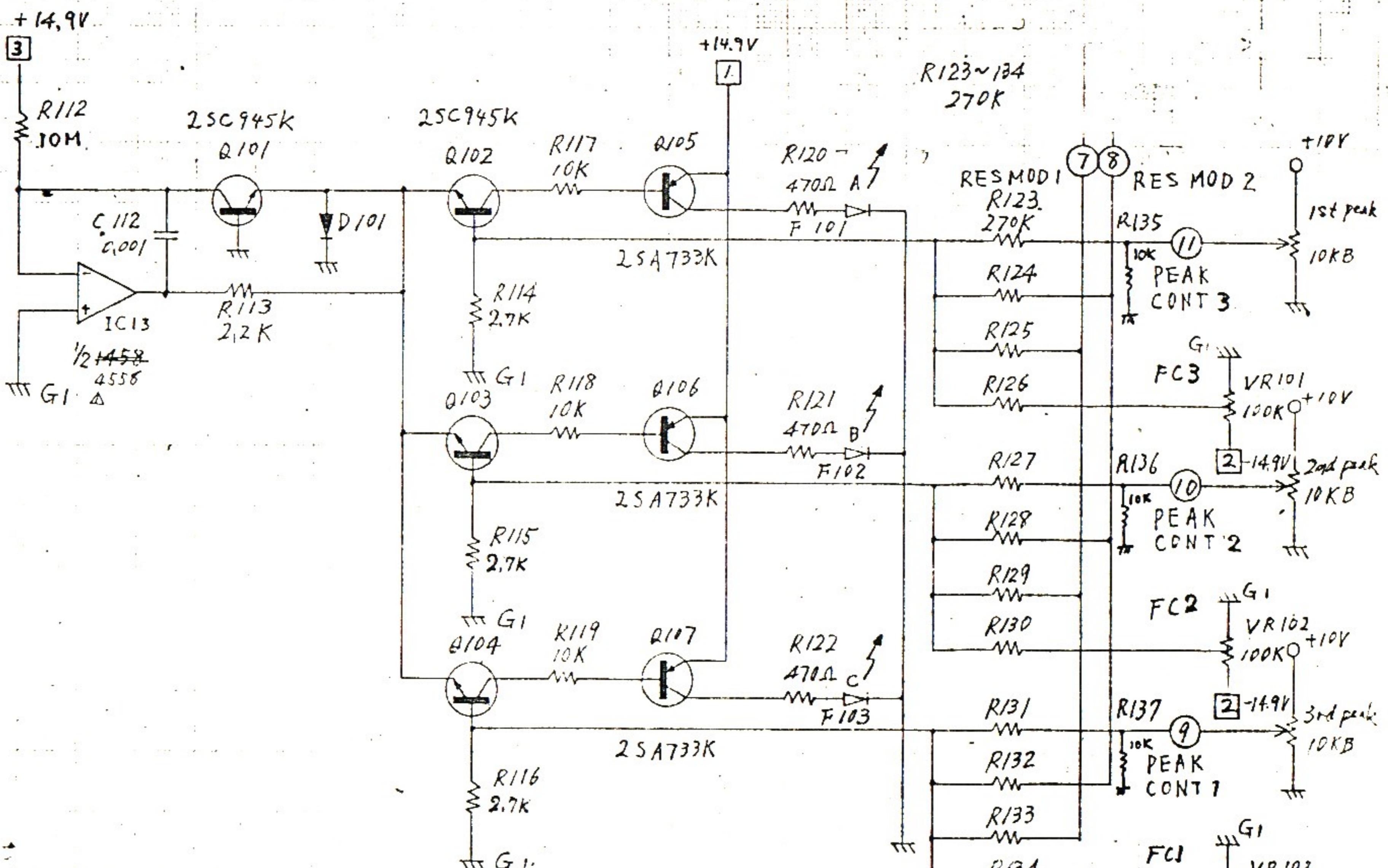
MODEL PS3100/3300		REVISION	REVISION	REVISION	REVISION	DWG No
RESONATORS 1/2		△ m.3				
DATE	DRAWN BY	DATE	DATE	DATE	DATE	X
23-2-77	K.ISHII	77-11-7				1212



MODEL PS 3100/3300		REVISION	REVISION	REVISION	REVISION	DWG NO
FREQUENCY CONTROL		A m.y				
DATE	DRAWN BY	DATE	DATE	DATE	DATE	
23-2-77	K.ISII	77-11-7				X 1214



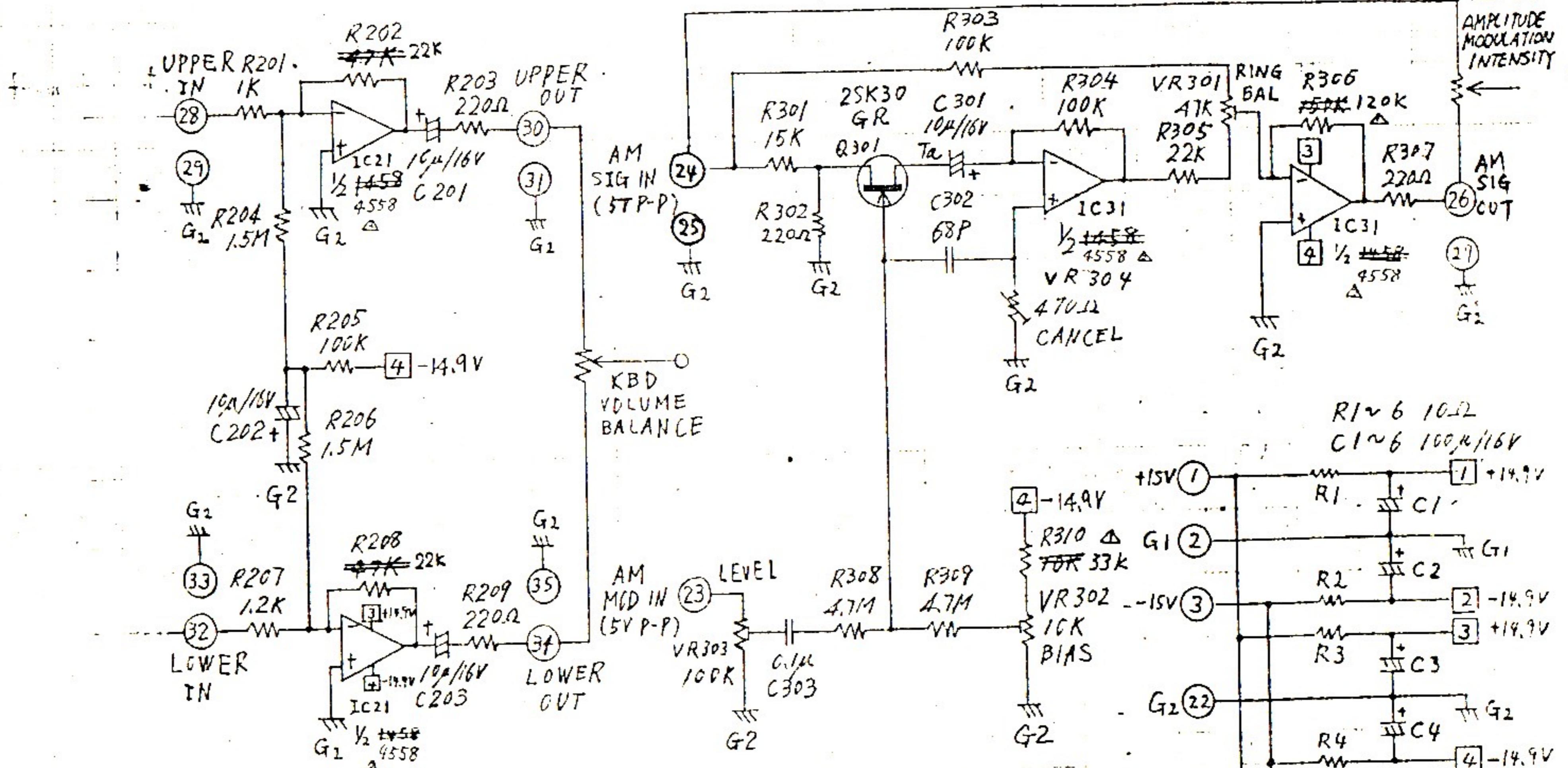
MODEL PS 3100/3300 RELEASE CONTROL		REVISION A M.Y	REVISION	REVISION	REVISION	REVISION	DWGT NO
DATE	DRAWN BY	DATE	DATE	DATE	DATE	DATE	X 1215
24-2-77	K.ISHII	77-12-2					



MODEL PS 3100/3300	REVISION	REVISION	REVISION	REVISION	REVISION	DWG NO
RESONATORS	3/2	A m.y				
DATE	DRAWN BY	DATE	DATE	DATE	DATE	X
24-2-77	K.ISHII	22-11-7				1213

6

KLM-62D

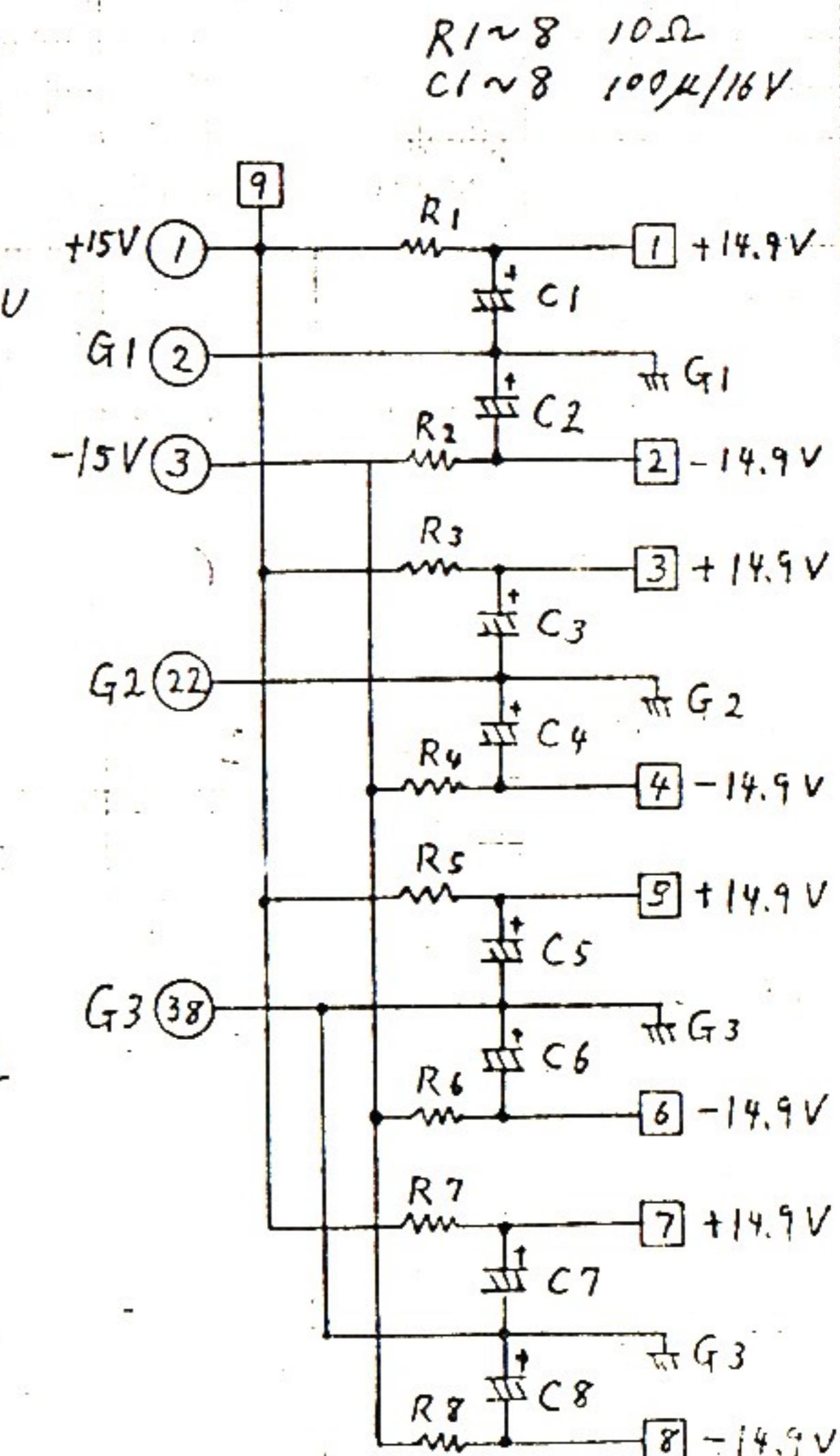
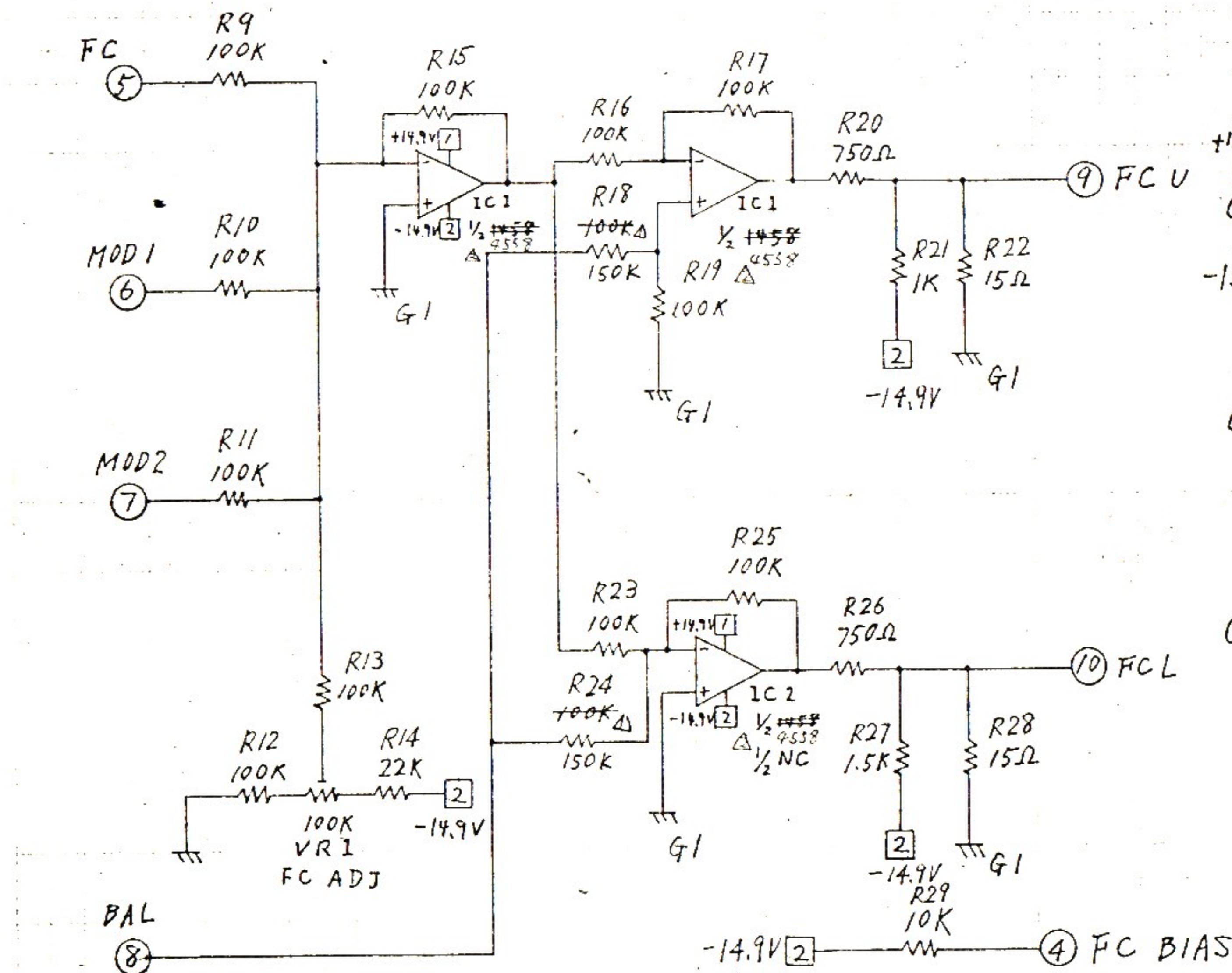


Balance Mixer

Amplitude Modulator

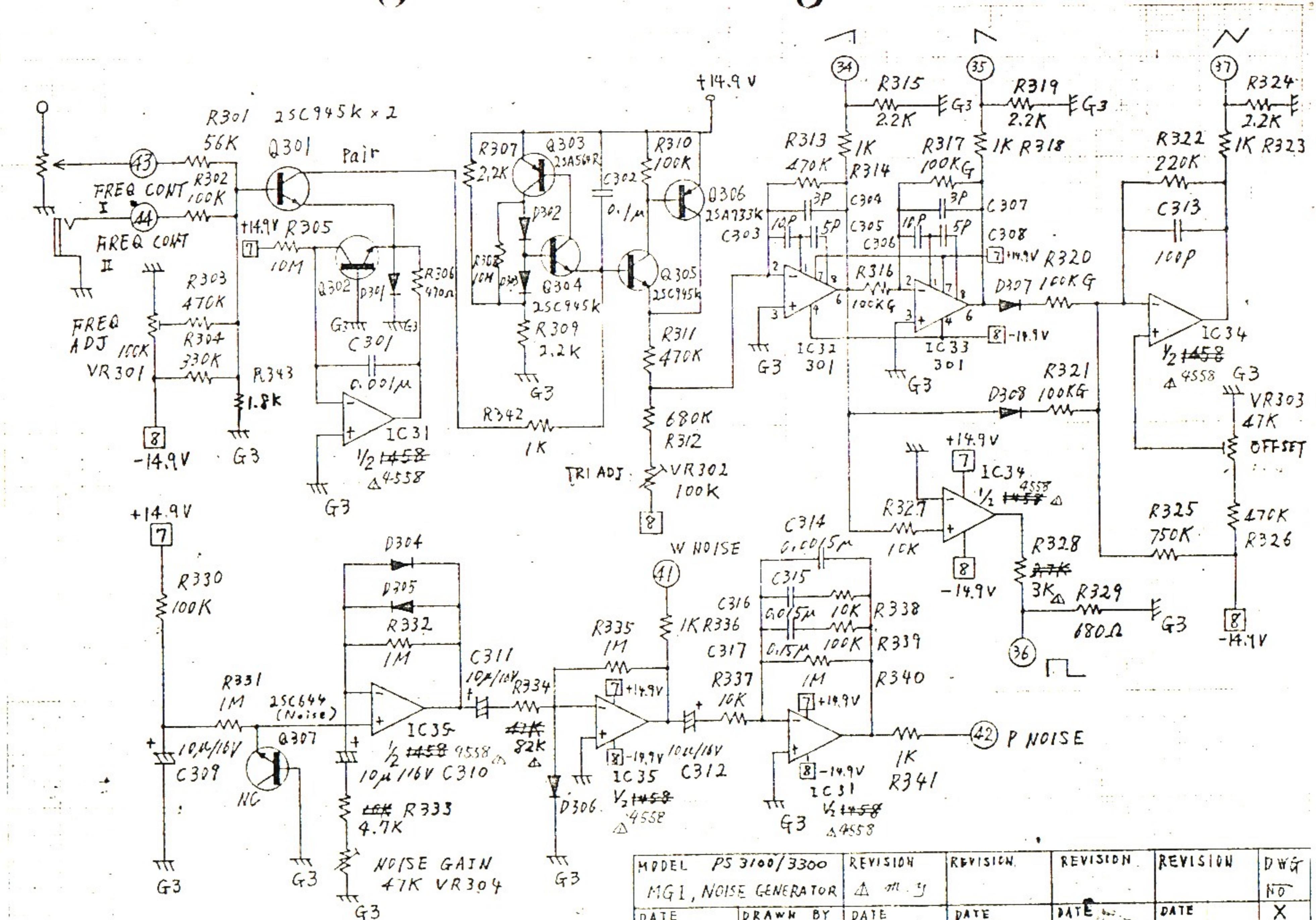
MODEL PS3100/3300	REVISION	REVISION	REVISION	REVISION	DWG NO
BALANCE MIXER, AM	A	A m.y			
DATE 23-2-77	DRAWN BY K.ISHII	DATE 52.7.13	DATE 52.11.7	DATE	DATE X
					1211

KLM-62D

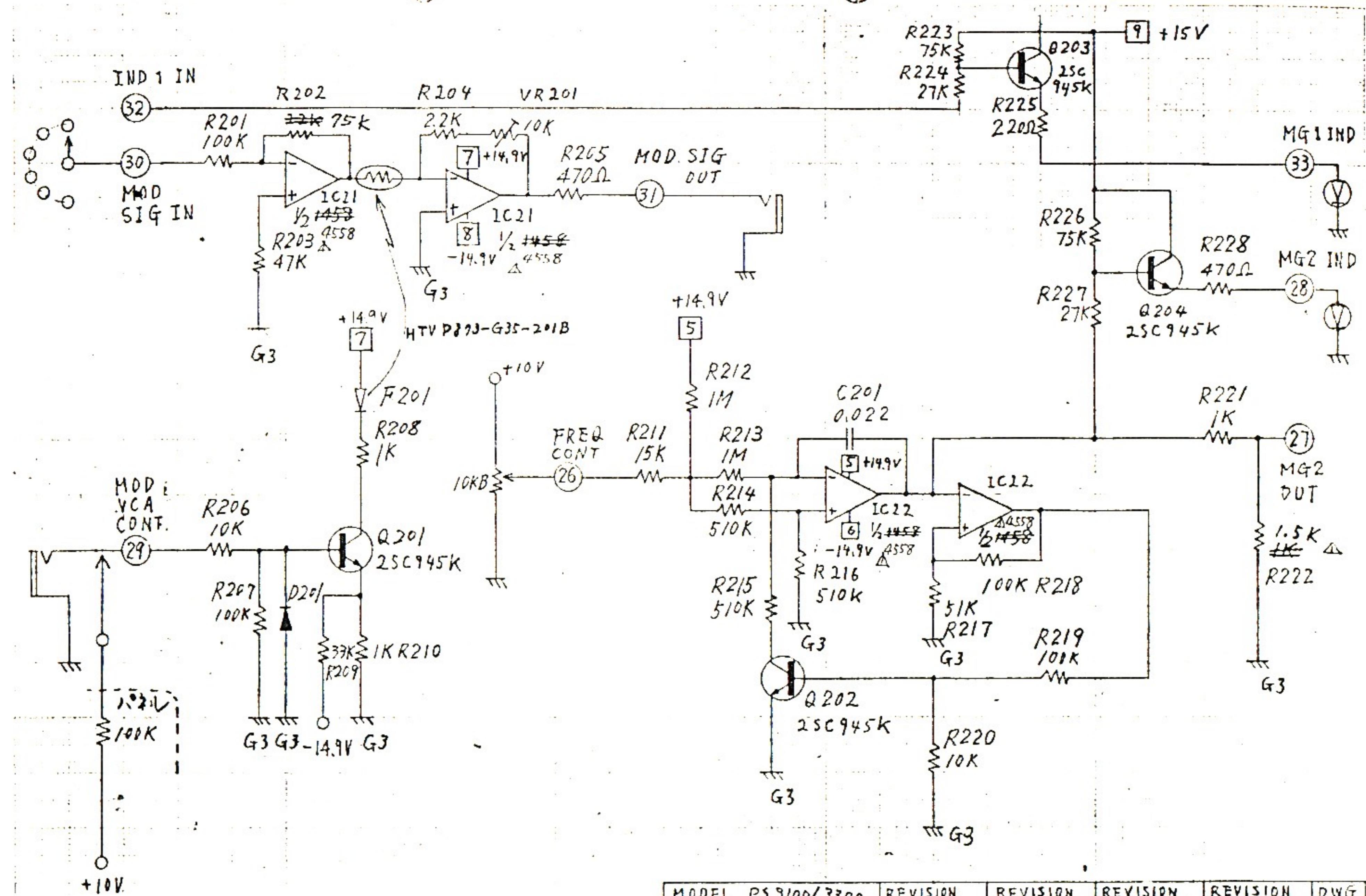


MODEL PS3100/3300	REVISION 4	REVISION 4 M.3	REVISION	REVISION	DWGT NO
FILTER CONTROL					
DATE 24-2-77	DRAWN BY K.ISHII	DATE 52-11-21	DATE 77-11-7	DATE	DATE X 1216

KLM-63



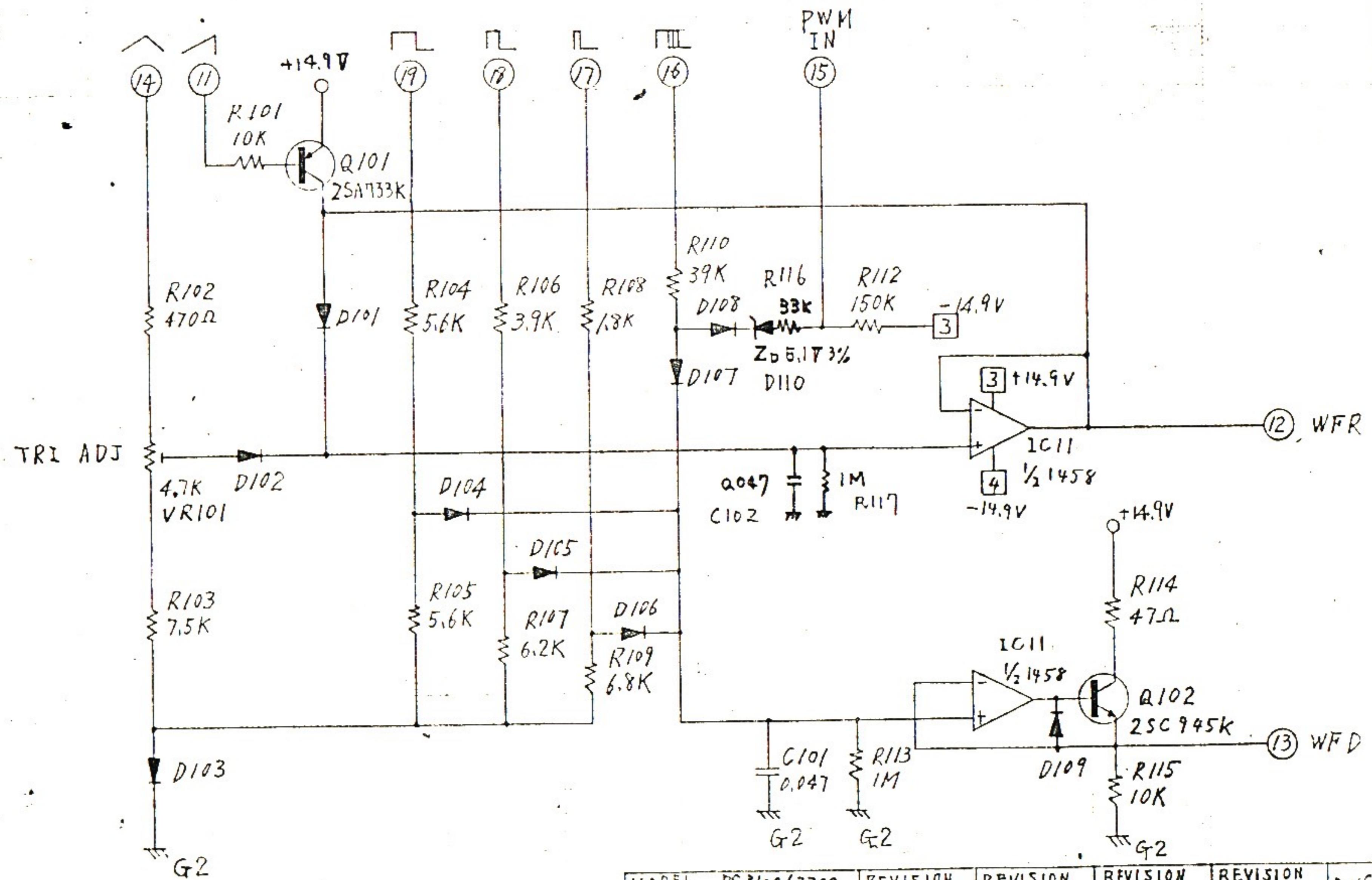
KLM-63



MODEL PS3100/3300	REVISION	REVISION	REVISION	REVISION	DWG NO
MOD-VCA, MG2	A m.y				
DATE 24-2-77	DRAWN BY K.ISHII	DATE 77-11-7	DATE	DATE	DATE X 1218

III

KLM-63



MODEL	PS3100/3300	REVISION	REVISION	REVISION	REVISION	DWG NO
WAVE FORM CONTROL						
DATE	DRAWN BY	DATE	DATE	DATE	DATE	X
24-2-77	K.ISHII					1217

10

KLM-63

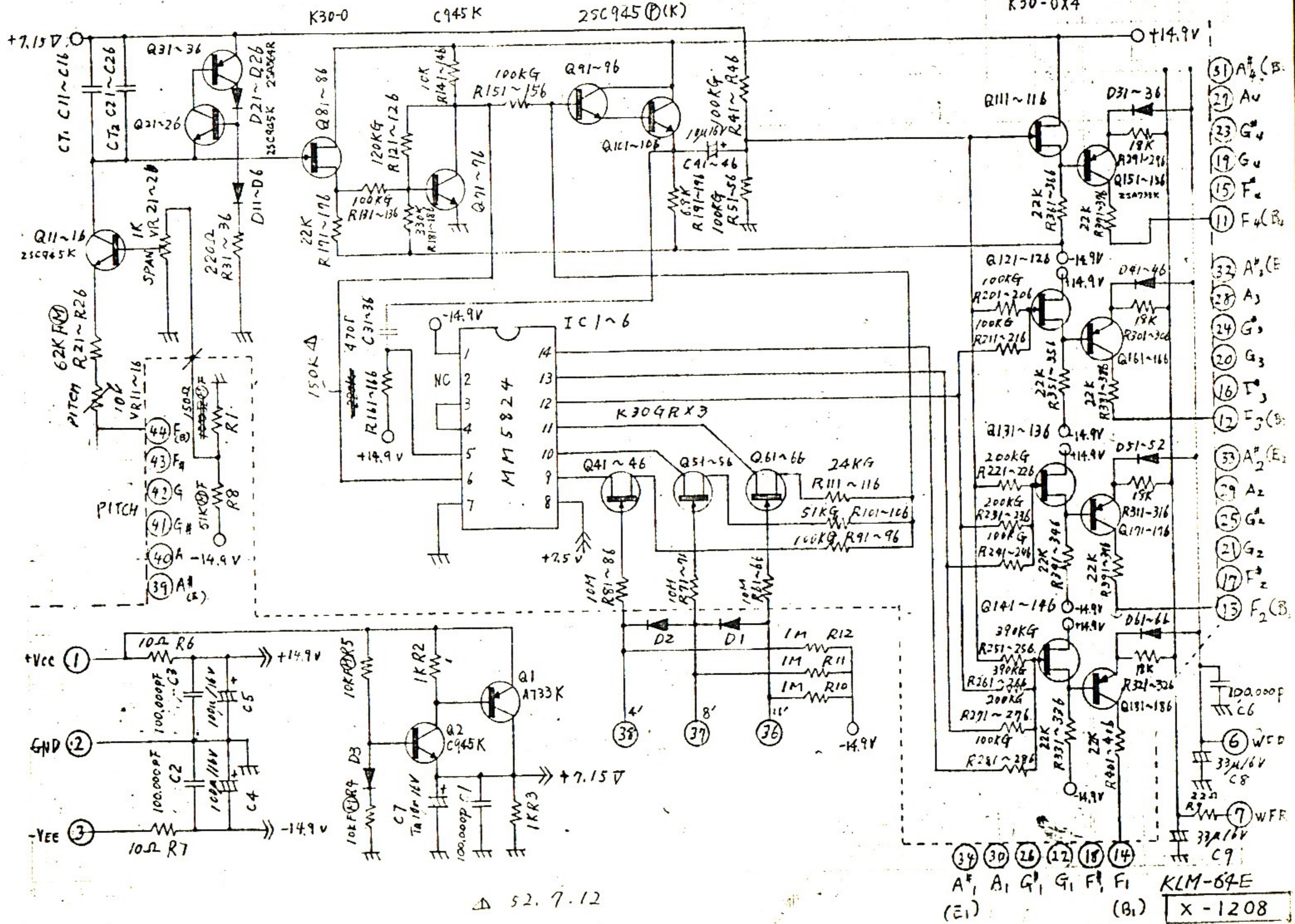
SIGNAL GENERATOR CT CHART

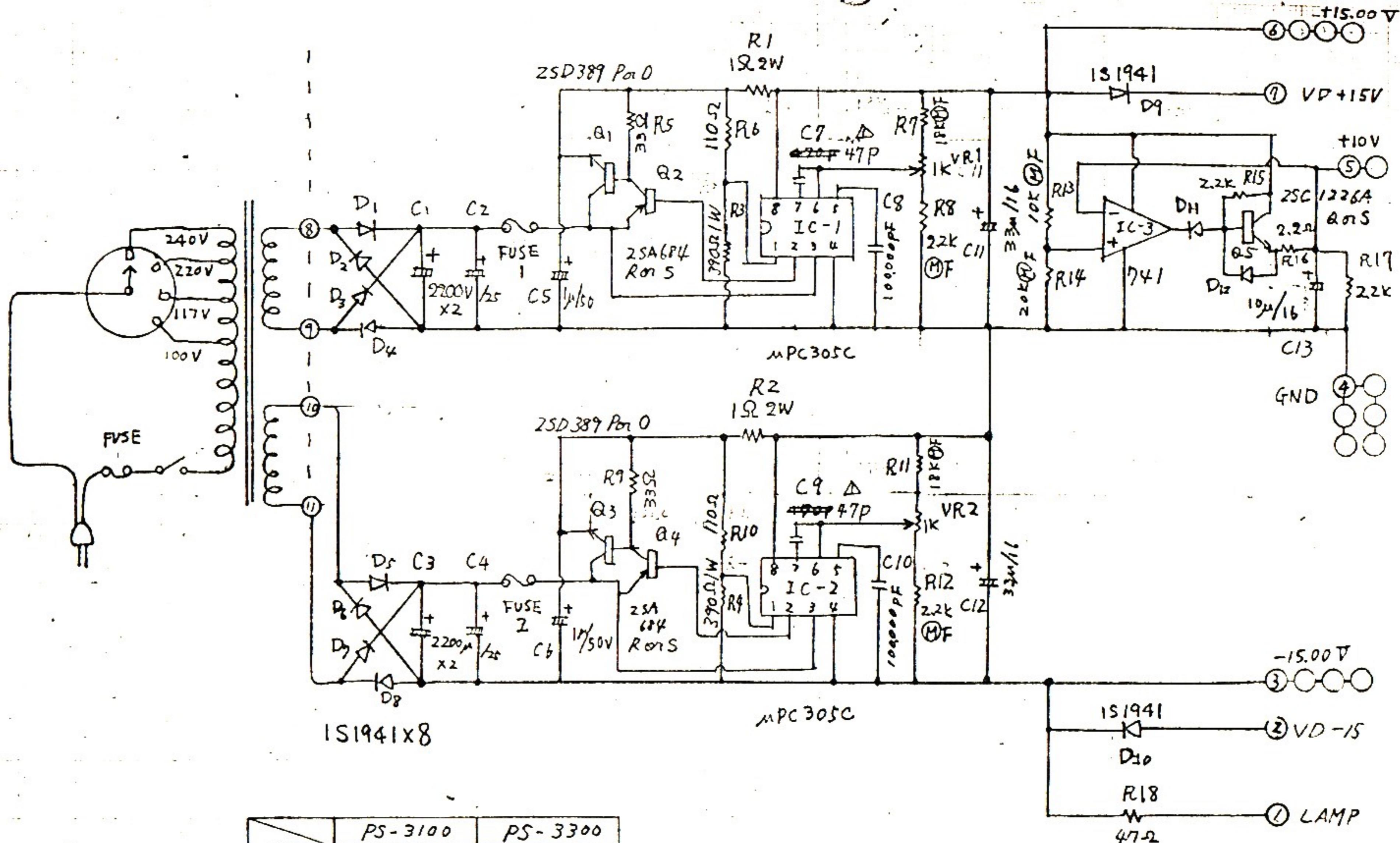
	F	C11	1500 PF	C21	47 PF
	F#	C12	1200	C22	270
1	G	C13	1200	C23	180
	G#	C14	1200	C24	100
	A	C15	1000	C25	220
	A#	C16	1000	C26	150
	B	C11	1000	C21	100
	C	C12	1000	C22	33
2	C#	C13	820	C23	150
	D	C14	820	C24	100
	D#	C15	820	C25	47
	E	C16	820	C26	—

MODEL PS 3100/3300 SIGNAL GENERATOR CT		REVISION	REVISION	REVISION	REVISION	DWG NO
DATE	DRAWN BY	DATE	DATE	DATE	DATE	X
24-3-77	M.Yokomakue					1209

KLM-64

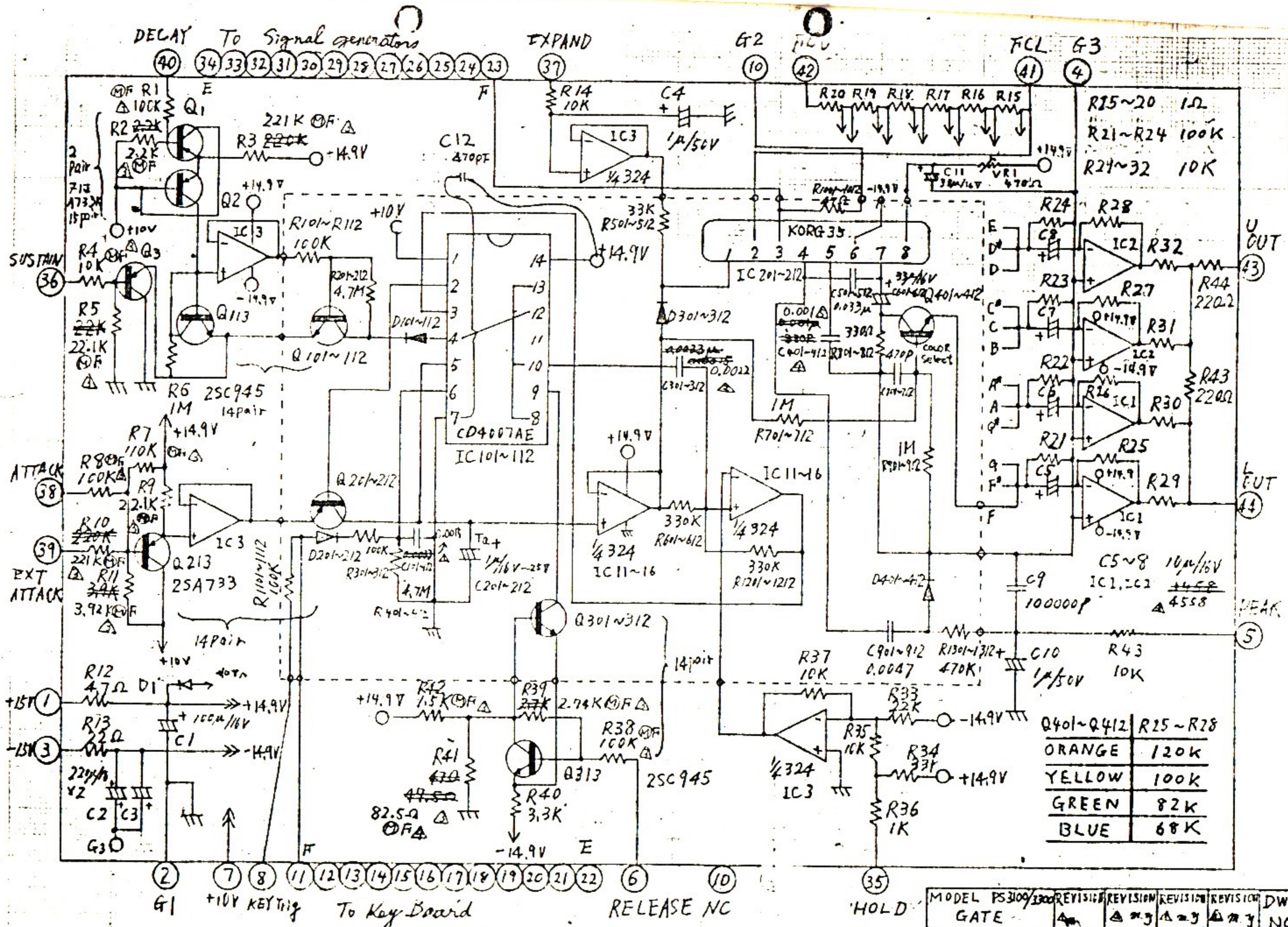
O - SIGNAL GENERATORS





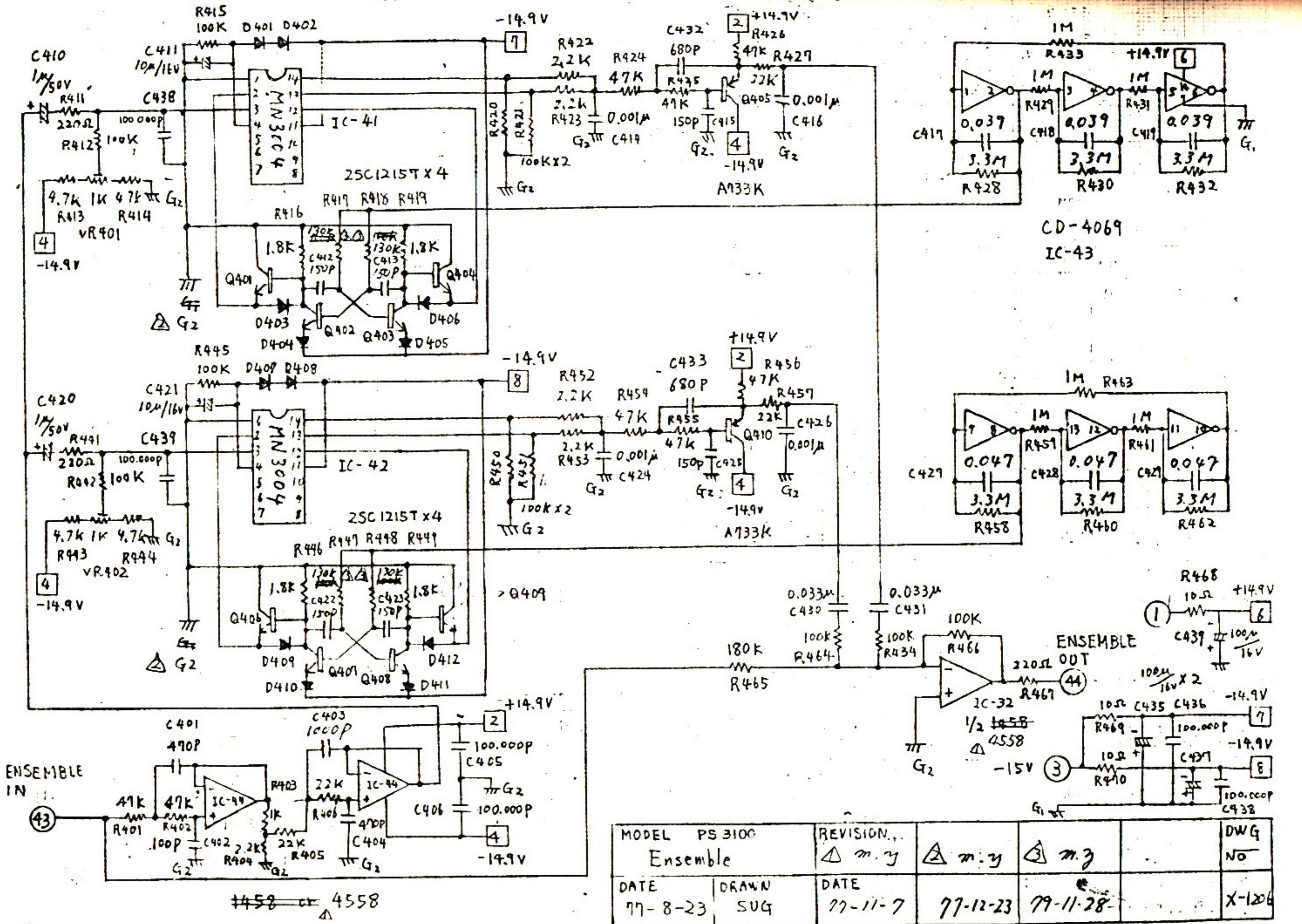
	PS-3100	PS-3300
AC FUSE	1A	2A
FUSE 1	1A FAST	2A FAST
FUSE 2	1A FAST	2A FAST

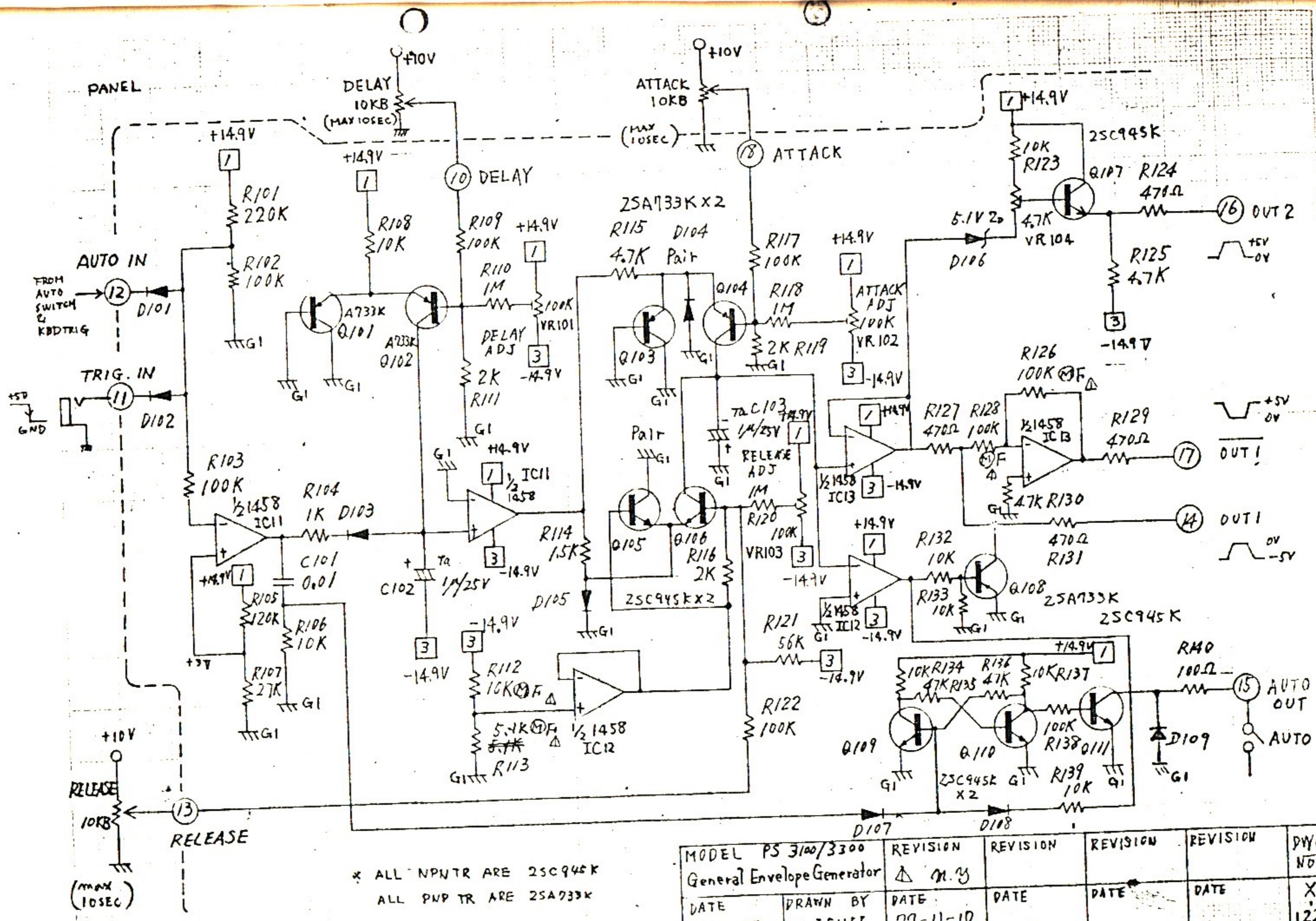
MODEL PS-3100/3300 POWER SUPPLY	REVISION DATE	REVISION DATE	REVISION DATE	DWG NO.
PS-3100/3300 POWER SUPPLY	△ 77-5-11	△ 52-10-11	△ DATE	X-1223



Polyphonic Synthesizer

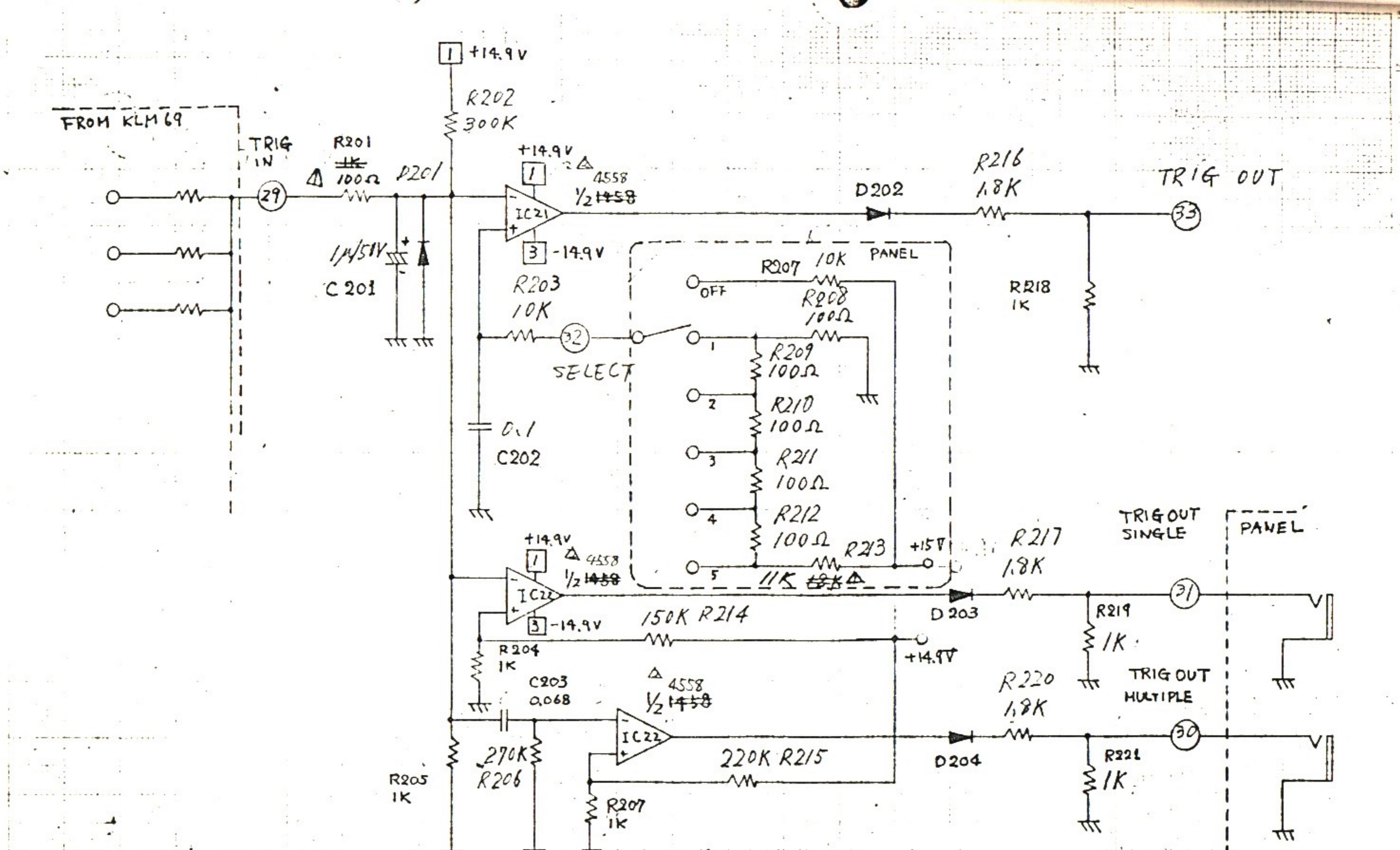
MODEL PS3100/3300	REVISION	REVISION	REVISION	REVISION	DWG
GATE	A ₁	A ₂ /3	A ₂ /3	A ₂ /3	NO.
DATE 18-2-77	DRAWN BY K.ISHII	DATE 77-8-10	DATE 77-9-10	DATE 77-11-7	DATE 78-3-23
					X 1210



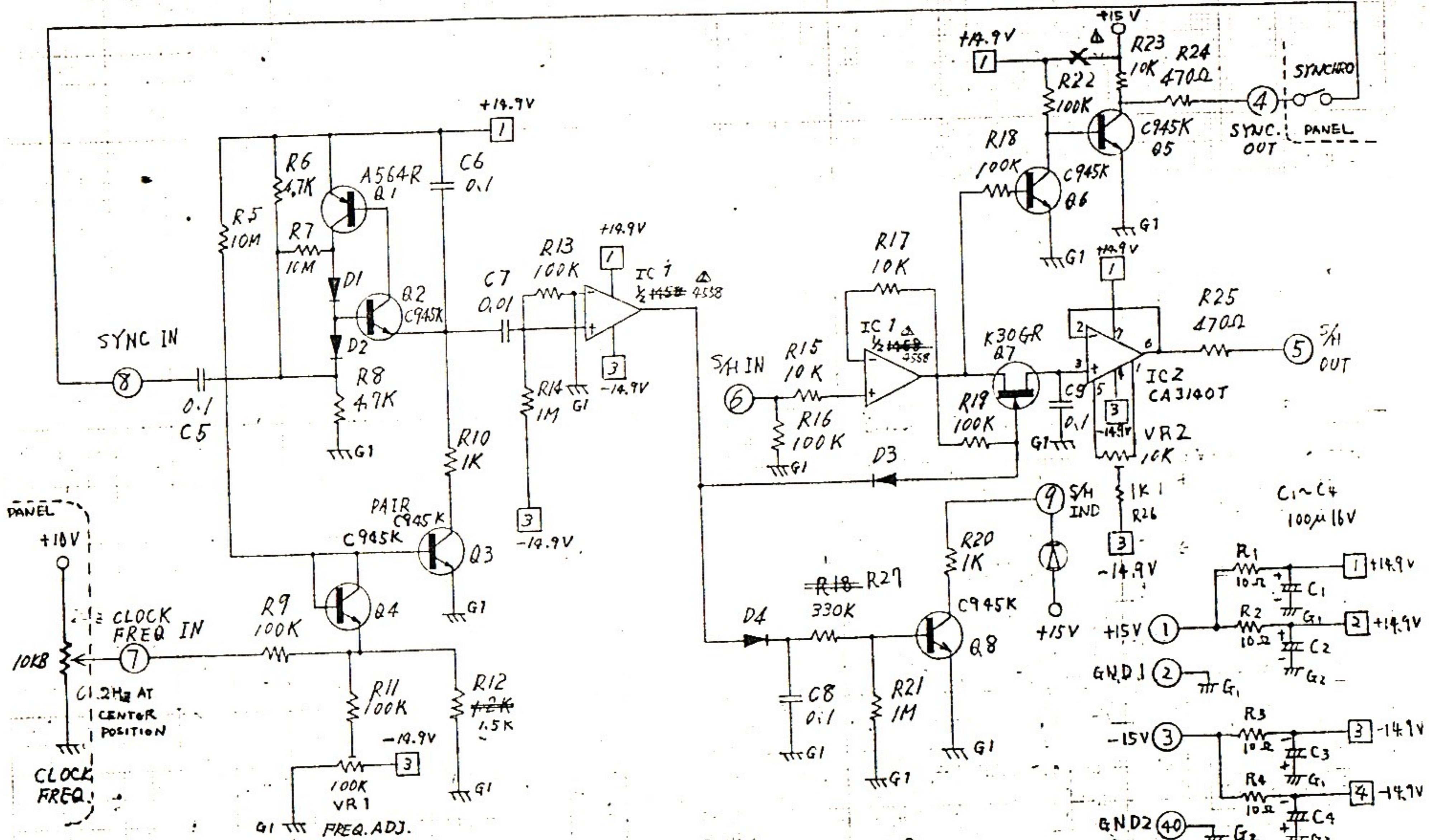


* ALL NPNTR ARE 2SC945K
ALL PNP TR ARE 2SA733K

D107		D108				
MODEL	PS 3100/3300 General Envelope Generator	REVISION	REVISION	REVISION	REVISION	Dwg No
DATE 26-2-77	DRAWN BY K.ISHII	DATE 77-11-10	DATE	DATE	DATE	X 1221
NM-76						

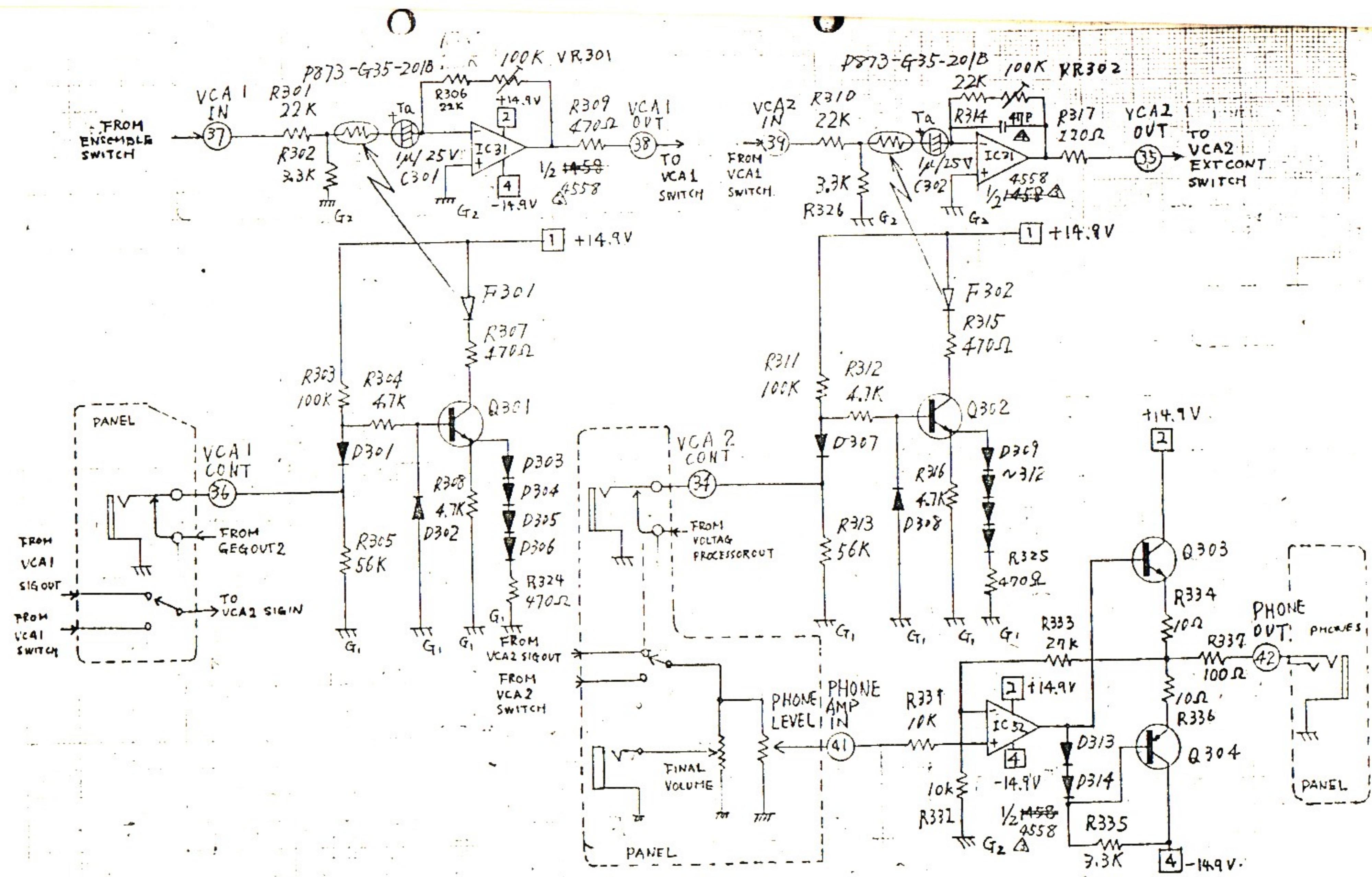


MODEL PS3100, KBD. Trigger		REVISION Δ	REVISION Δ m.3	REVISION	REVISION	DWG NO
DATE 28-2-77	DRAWN BY K. ISHII	DATE 52-7-11	DATE 77-11-7	DATE	DATE	X 1204



MODEL PS.3100/3300	REVISION	REVISION	REVISION	REVISION	REVISION
SAMPLE & HOLD	△	△ my			DWG NO
DATE	DRAWN BY	DATE	DATE	DATE	DATE
26-2-77	K.ISHII	52-8-1	77-4-7		X 1220

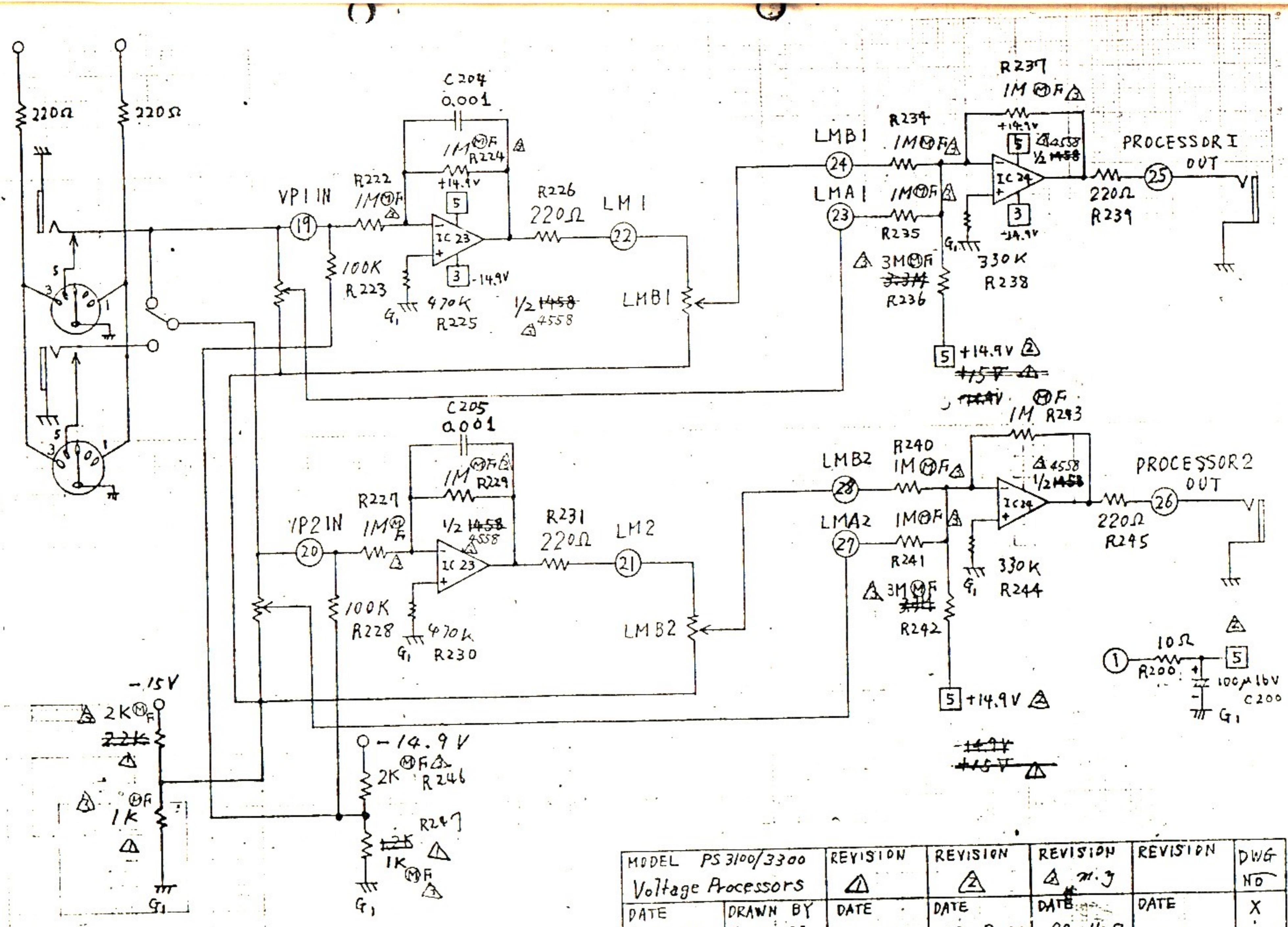
KLM-76



MODEL VCA , Phone Amp	REVISION Δ	REVISION Δ Phone Amp	REVISION Δ m.3	REVISION Δ m.3	DIAG NO
DATE 28-2-77	DRAWN BY KISHII	DATE 77-7-11	DATE 77-8-23	DATE 77-11-7	DATE 77-12-23

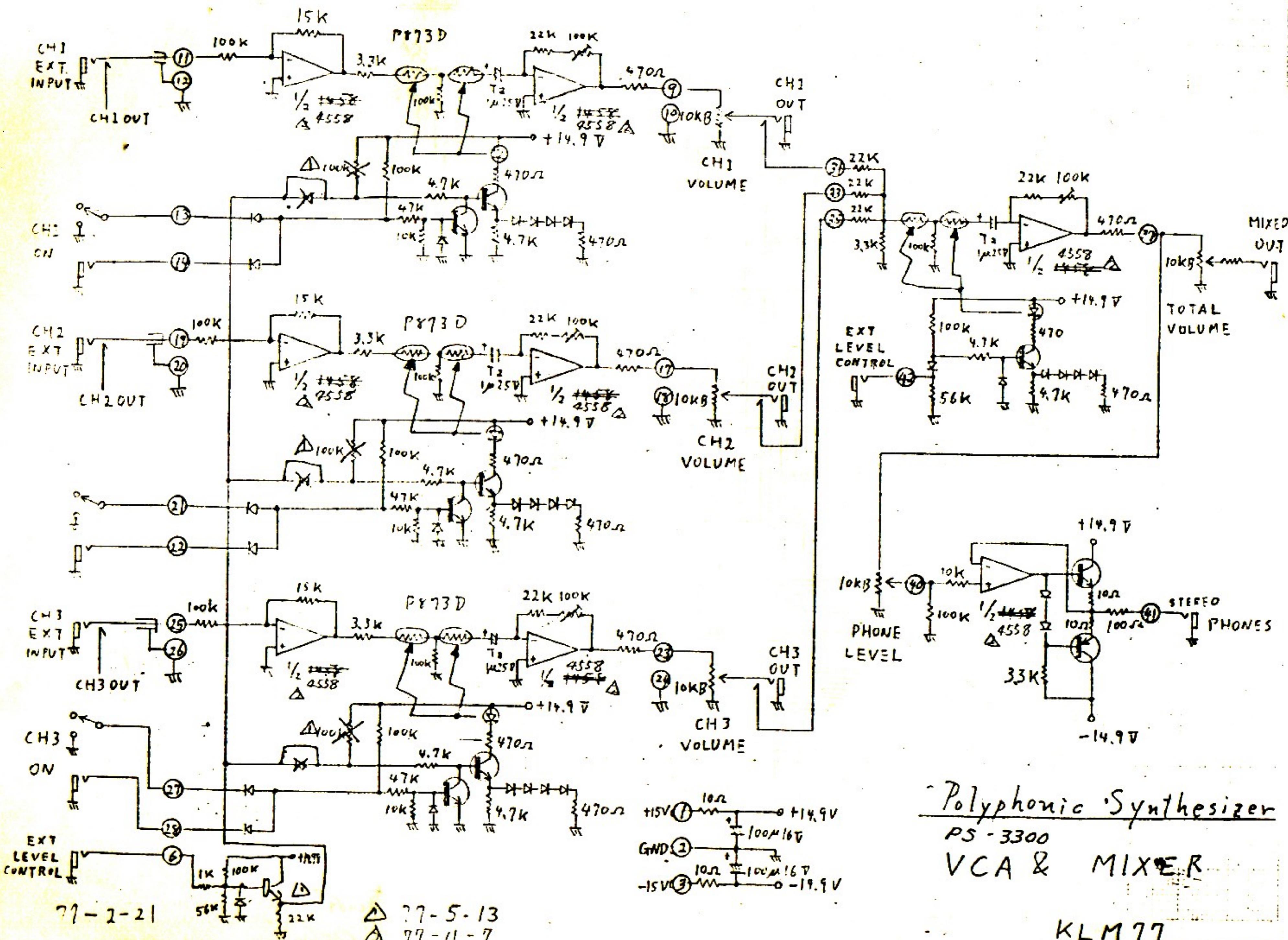
1205

KLM-76



MODEL Voltage Processors	REVISION A	REVISION 2	REVISION A m.3	REVISION	DWG NO
DATE 78-2-77	DRAWN BY K.ISHII	DATE 52-7-11	DATE 52-8-22	DATE 77-11-7	DATE X 1222

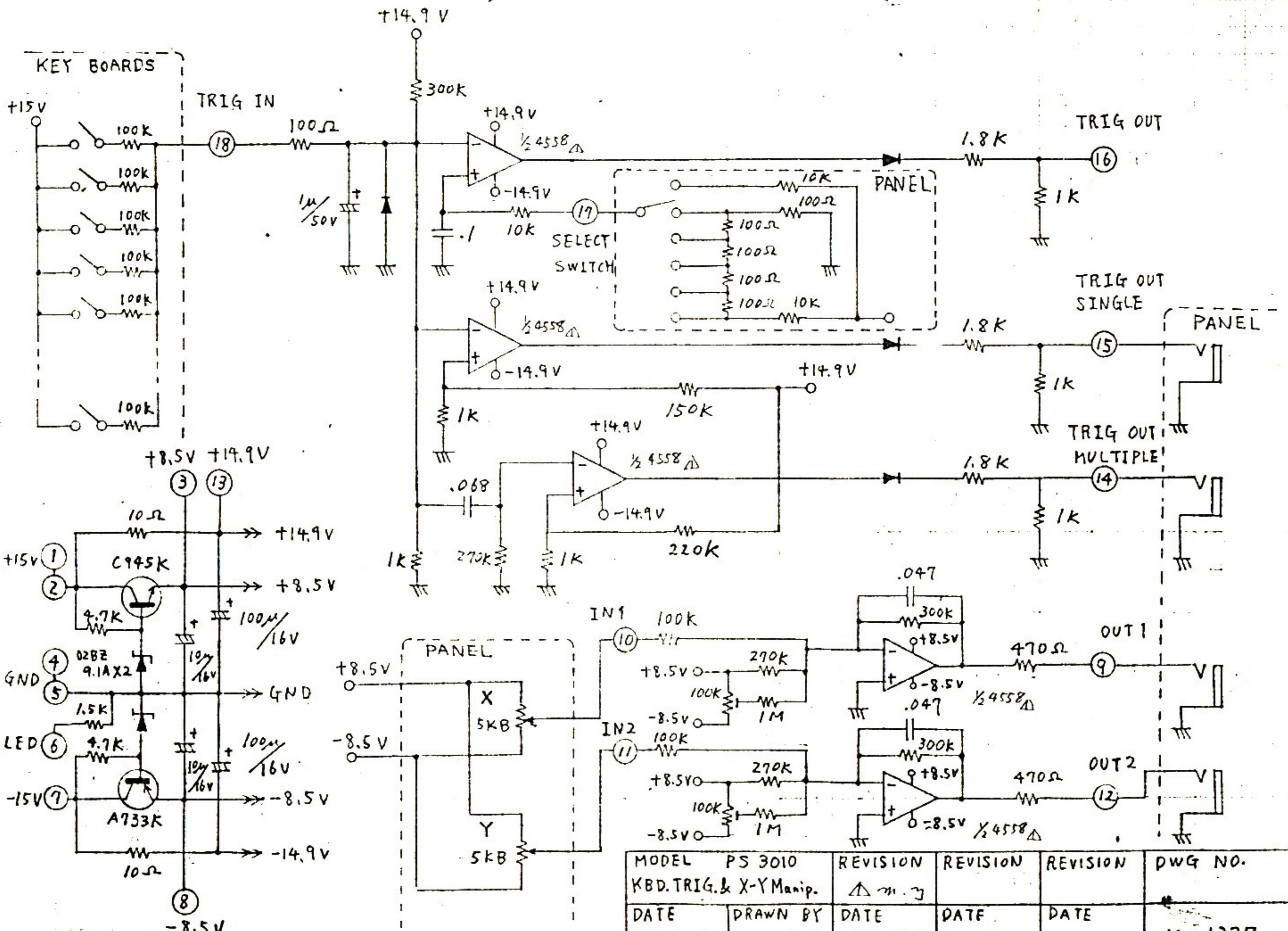
KLM-76



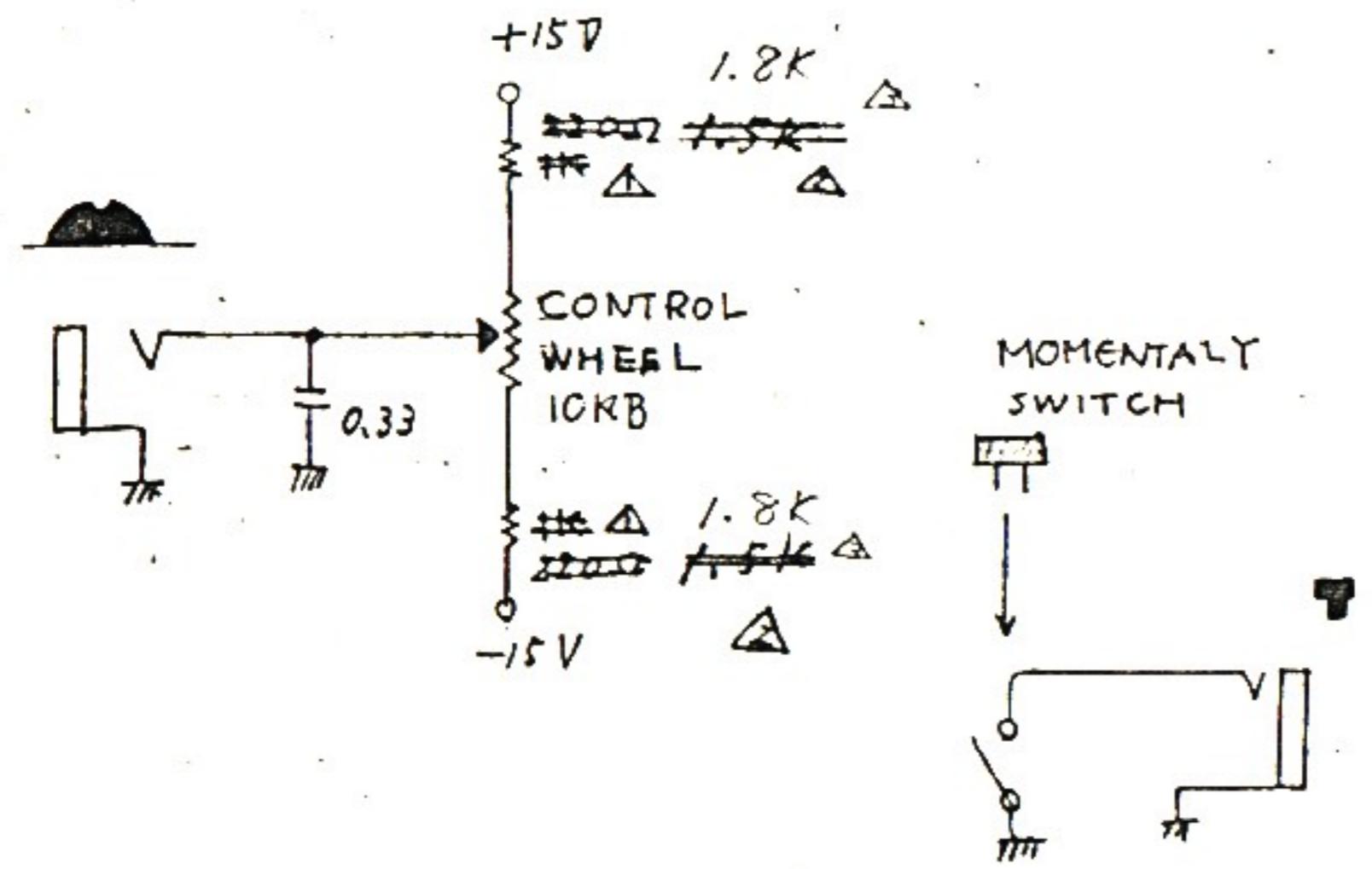
Polyphonic Synthesizer
PS-3300
VCA & MIXER

KLM77

X-1224

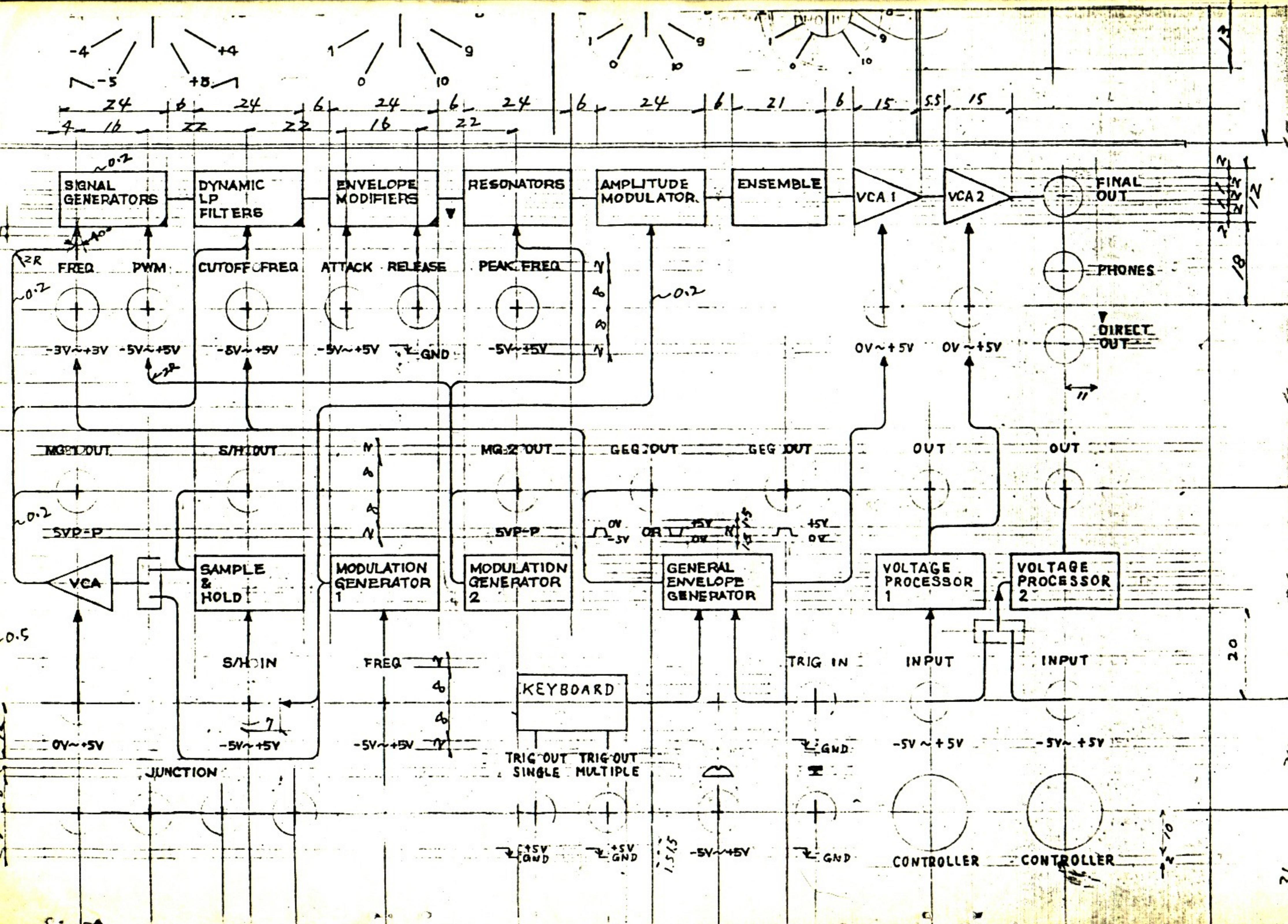


KLM-80

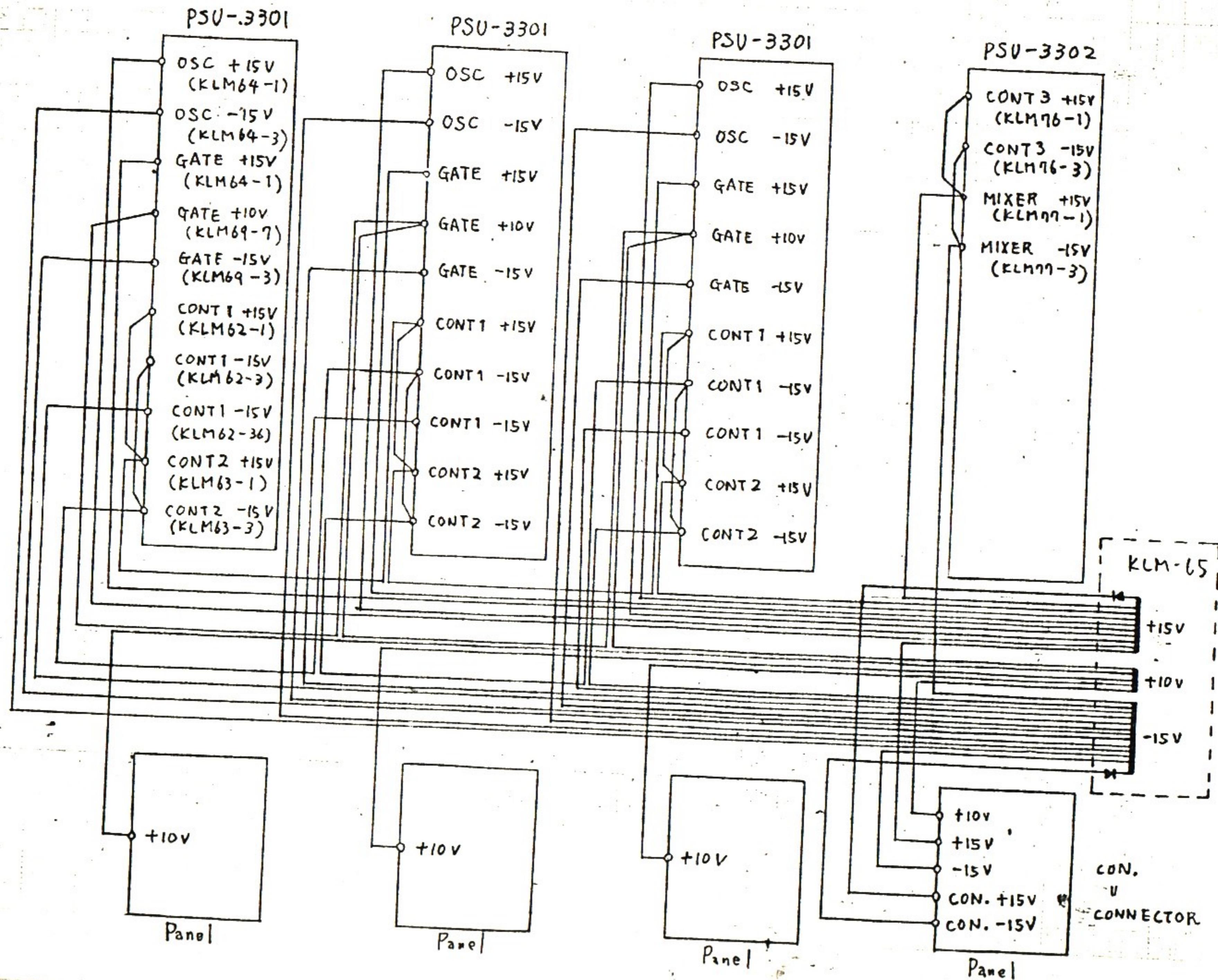


19

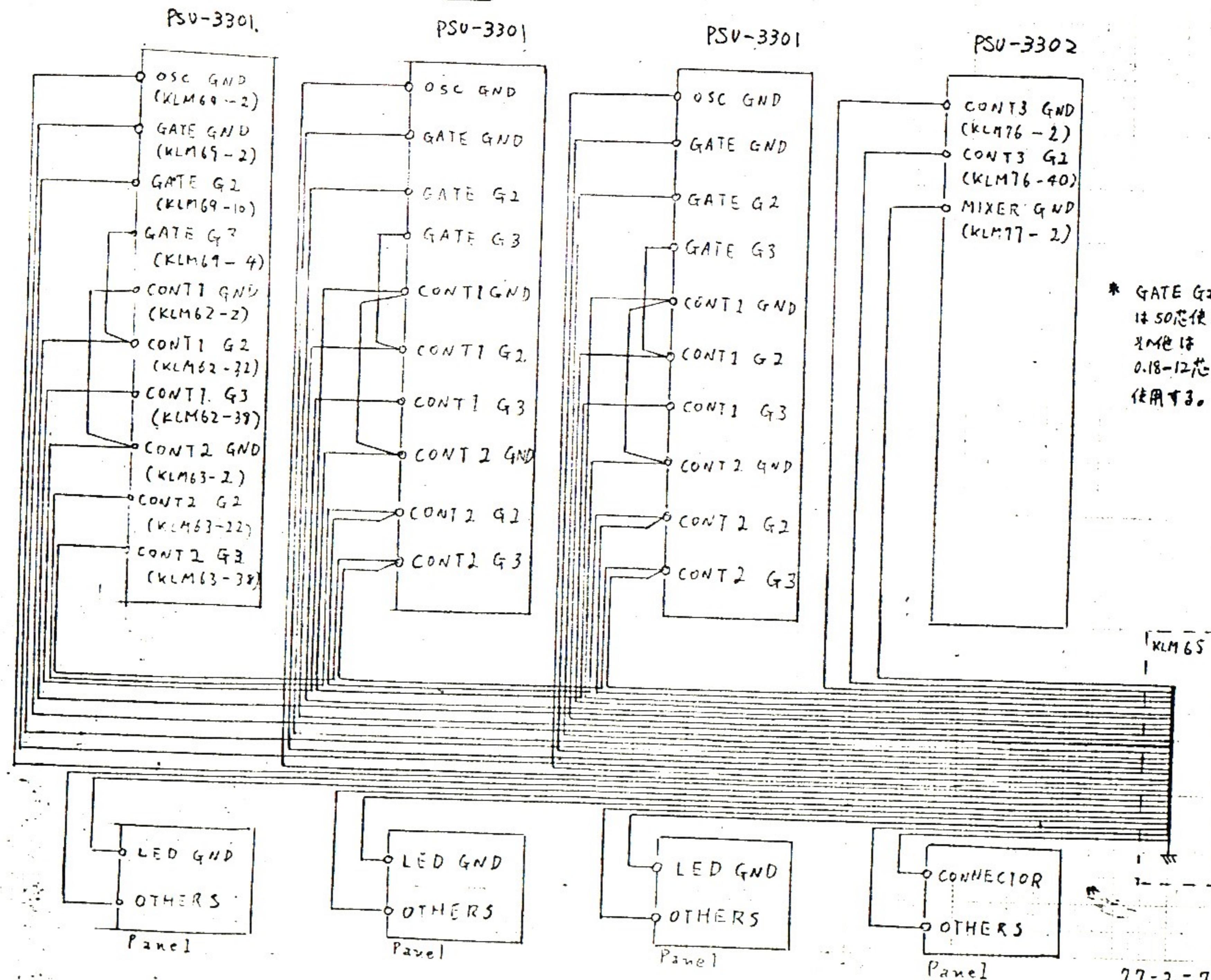
MODEL PS-3100 .		REVISION	REVISION	REVISION	DWG NO
OTHERS		▲	▲	▲	
DATE	DRAWN BY	DATE	DATE	PATENT	
77-5-11	omie	77-5-19	77-7-11	77-11-7	X-1207



PS-3300 電源系統圖



PS-3300 GND 系統図



77-2-7

77-7-25

v-1251