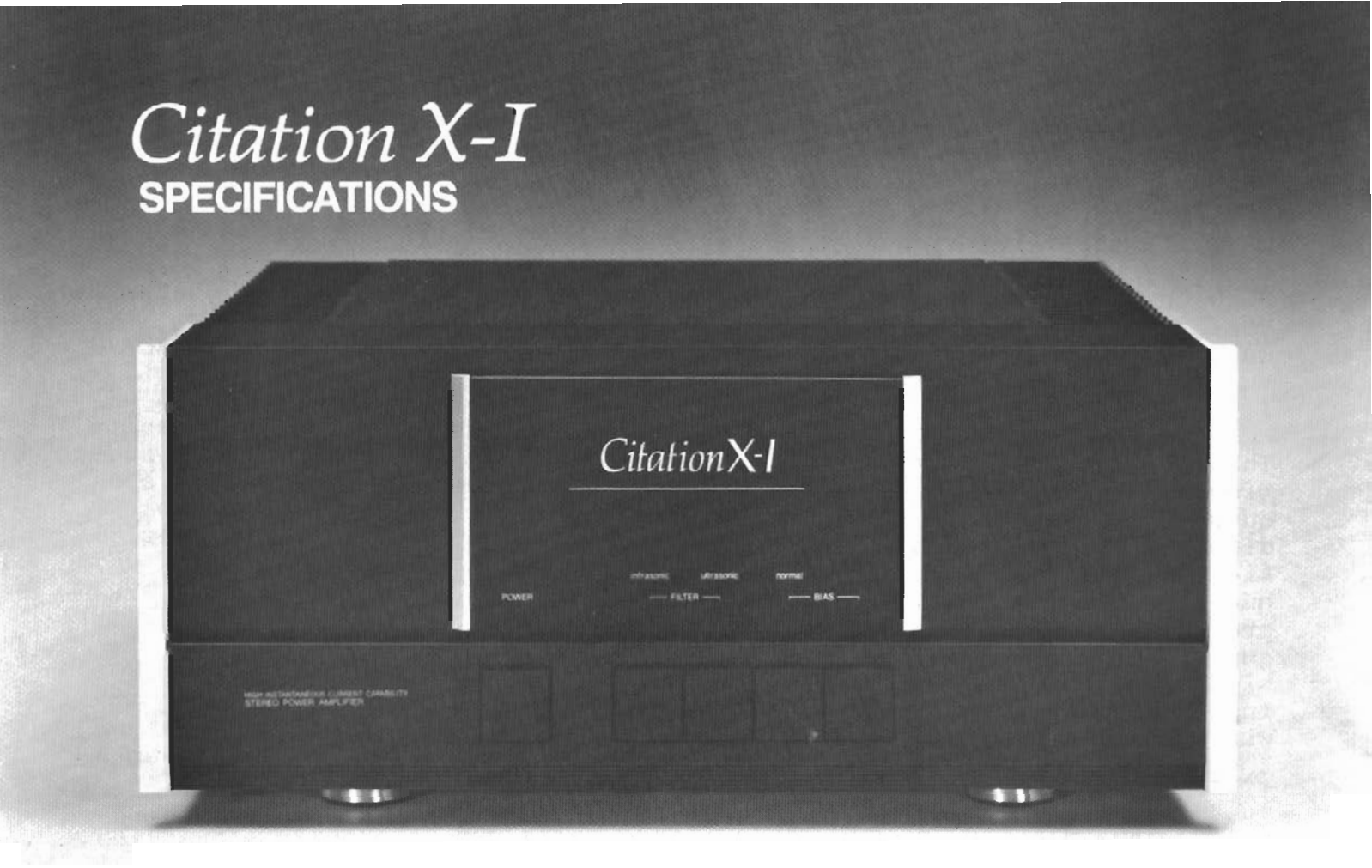
Citation X-I
SPECIFICATIONS



POWER RATING

Continuous average power of 150 watts per channel, both channels driven from 10Hz to 20,000 Hz, with no more than 0.05% total harmonic distortion.

Half Power Bandwidth:	< 10Hz-100KHz
Frequency Response (1 Watt, 8 Ohm):	0.1Hz-150 KHz +0dB – 1
Signal-To-Noise-Ratio (A-Wtd, 1 Watt):	85dB
IM Distortion (SMPTE):	0.05%
Damping Factor (10Hz-20KHz):	> 70
HCC (High Instantaneous Current Capability):	100 AM
Slew Rate:	160 volts/μsec
Rise time:	2.2 μsec
Input Sensitivity/Impedance:	1.0 volts/12k Ohms
Infrasonic filter:	1.0kHz-3dB, 6dB/Oct
Ultrasonic Filter:	100kHz,-3dB, 6dB/Oct
Power Requirements:	110-120 Volts, 50/60Hz
Dimensions (In./mm.)	W-17 5/6"/440mm. H-7 11/16"/195mm. D-16 7/8"/428mm.
Weight (lb./kg):	55.0 lbs./25.0 kg.

Citation, 240 Crossways Park West, Woodbury, New York 11797

1/3

Ref. No. HKN76181 To: SNY KN From: H.Q NISHIBU

RE: CITATION X1 ADJUSTMENT

1、ADJUSTMENT PROCEDUREは添付の通りです。

2、機種図は明日発送予定です。

以上

Ref. No. To : From :

CITATION XI ADJUSTMENT PROCEDURE

1. FIRST STAGE CURRENT ADJUSTMENT

CONNECT DIGITAL MULTI METER IN DC-V MODE TO 2 TEST POINTS IN DRIVER PC.B (SEE DRIVER PC.B DIAGRAM) AND ADJUST VR 191 SO THAT THE VOLTAGE INDICATED ON THE METER IS 3±0.3V.

2. DC BALANCE ADJUSTMENT

CONNECT DIGITAL MULTI METER IN DC-V MODE TO SPEAKER TERMINALS AND ADJUST VR 190 SO THAT THE DC VOLTAGE BECOMES 0±60mV.

3. IDLE CURRENT ADJUSTMENT

(1) CONNECT DIGITAL MULTI METER IN DC-V MODE ACROSS R218 (Rch) AND R219 (Lch).

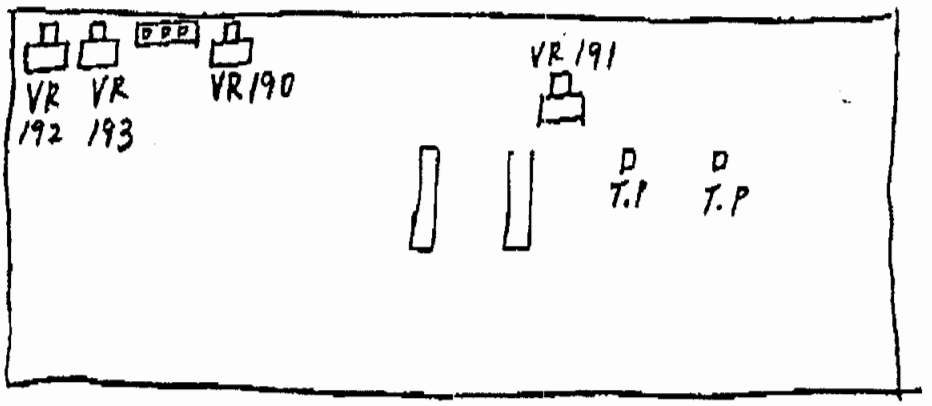
(2) PRESS BIAS HIGH SWITCH AND ADJUST VR 192 SO THAT THE VOLTAGE INDICATED ON THE METER IS 46mV.

Ref. No. To : From :

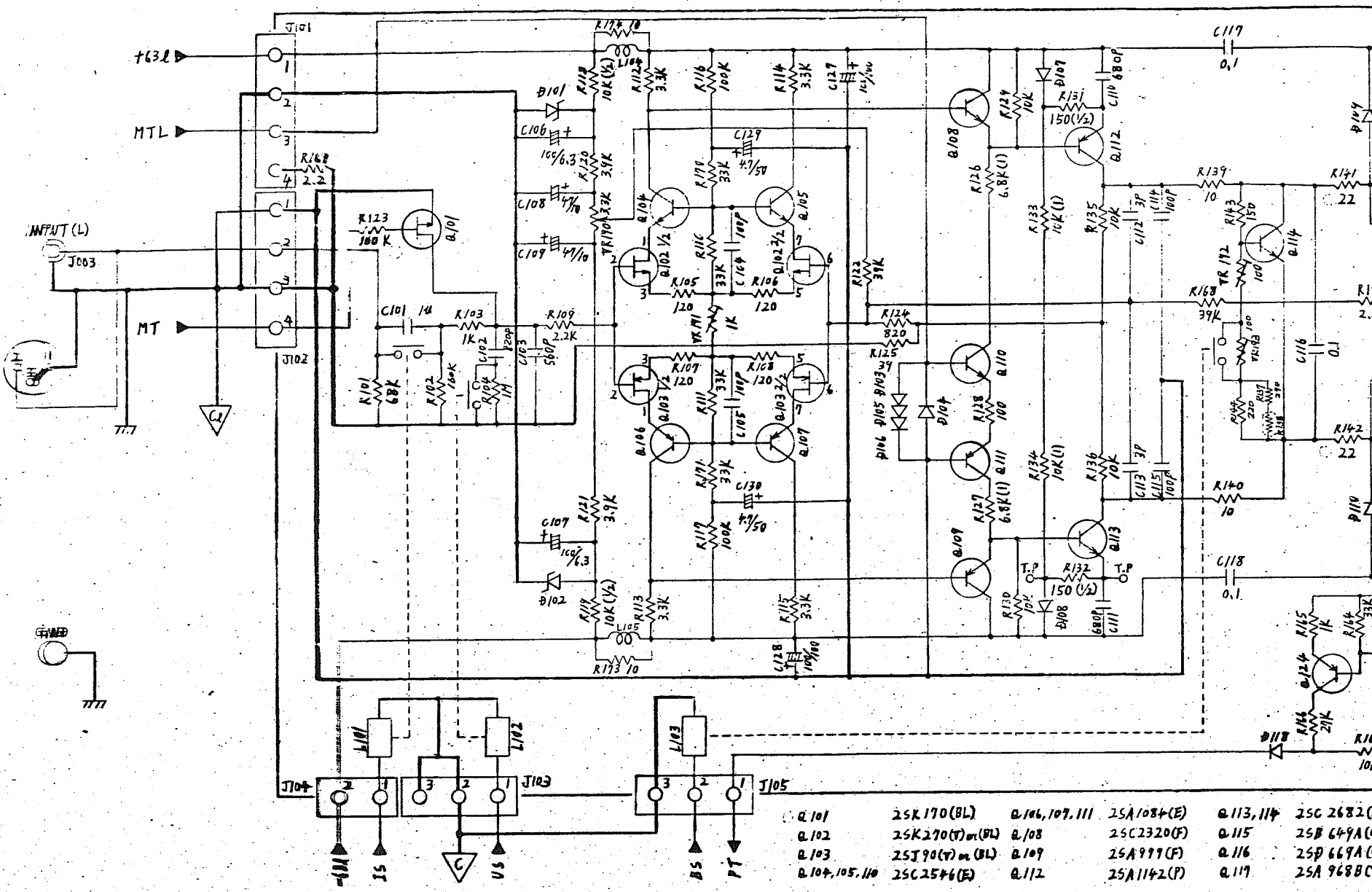
(3) WAIT UNTIL THE TEMPERATURE OF THE HEAT-SINK SATURATES AND READJUST VR 192 SO THAT THE VOLTAGE INDICATED ON THE METER IS 46 mV ± 4 mV.

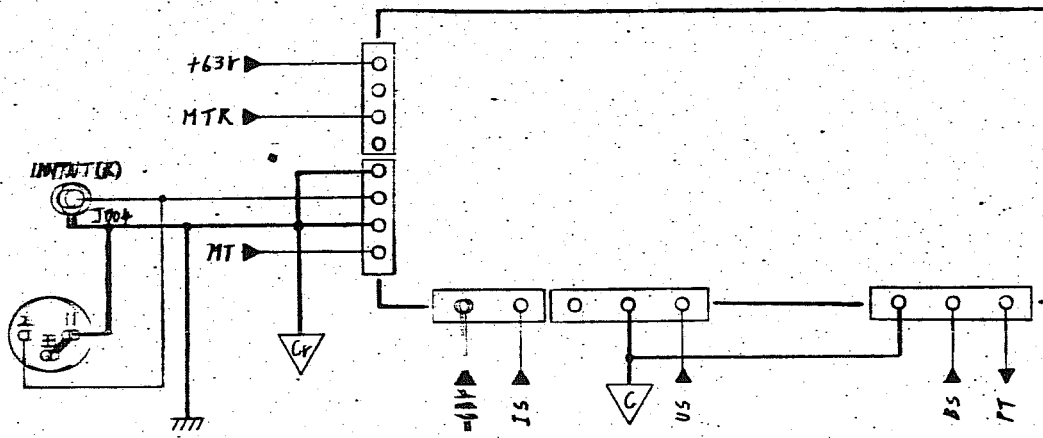
(4) PRESS BIAS NORMAL SWITCH AND ADJUST VR 193 SO THAT THE VOLTAGE IS 23 mV ± 2 mV.

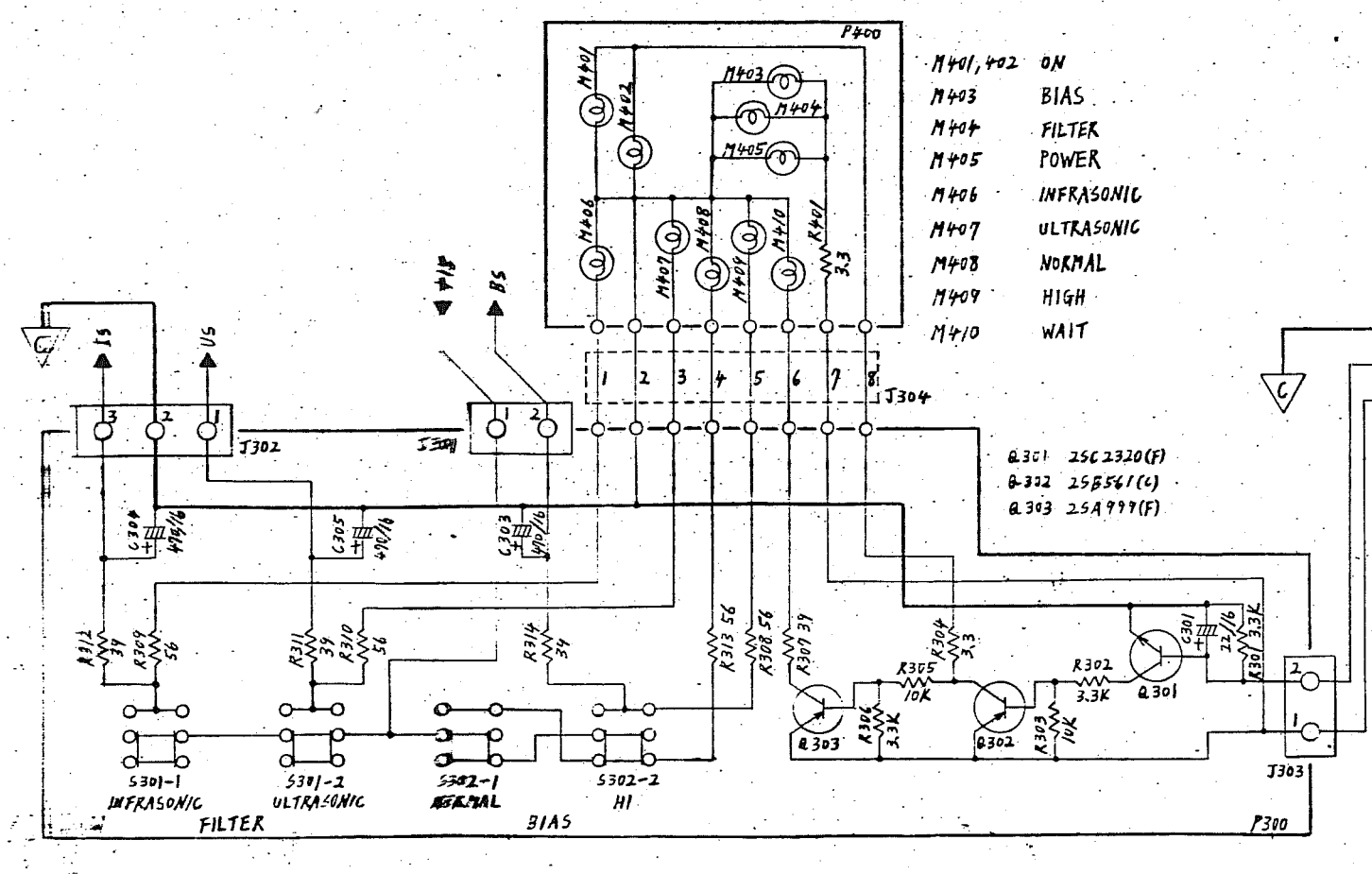
(5) WAIT UNTIL THE TEMPERATURE OF THE HEAT SINK SETTLES AND READJUST.

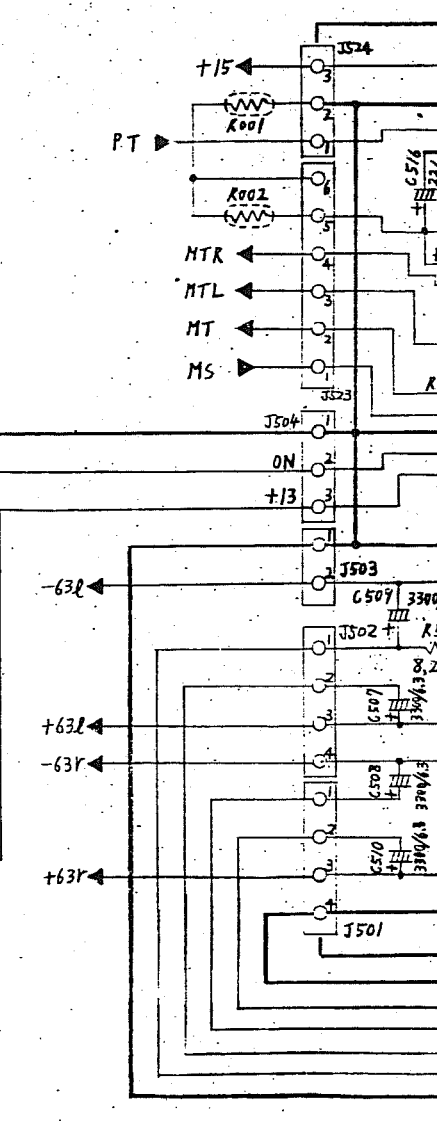


DRIVER P.C.B









ALL RESISTANCE VALUES ARE IN OHM ±5% UNLESS OTHERWISE SPECIFIED. K=10³, M=10⁶

ALL CAPACITANCE VALUES ARE IN uF UNLESS OTHERWISE SPECIFIED. P=u-u

S301 AND S302 ARE SHOWN IN OFF (RELEASED) POSITION.

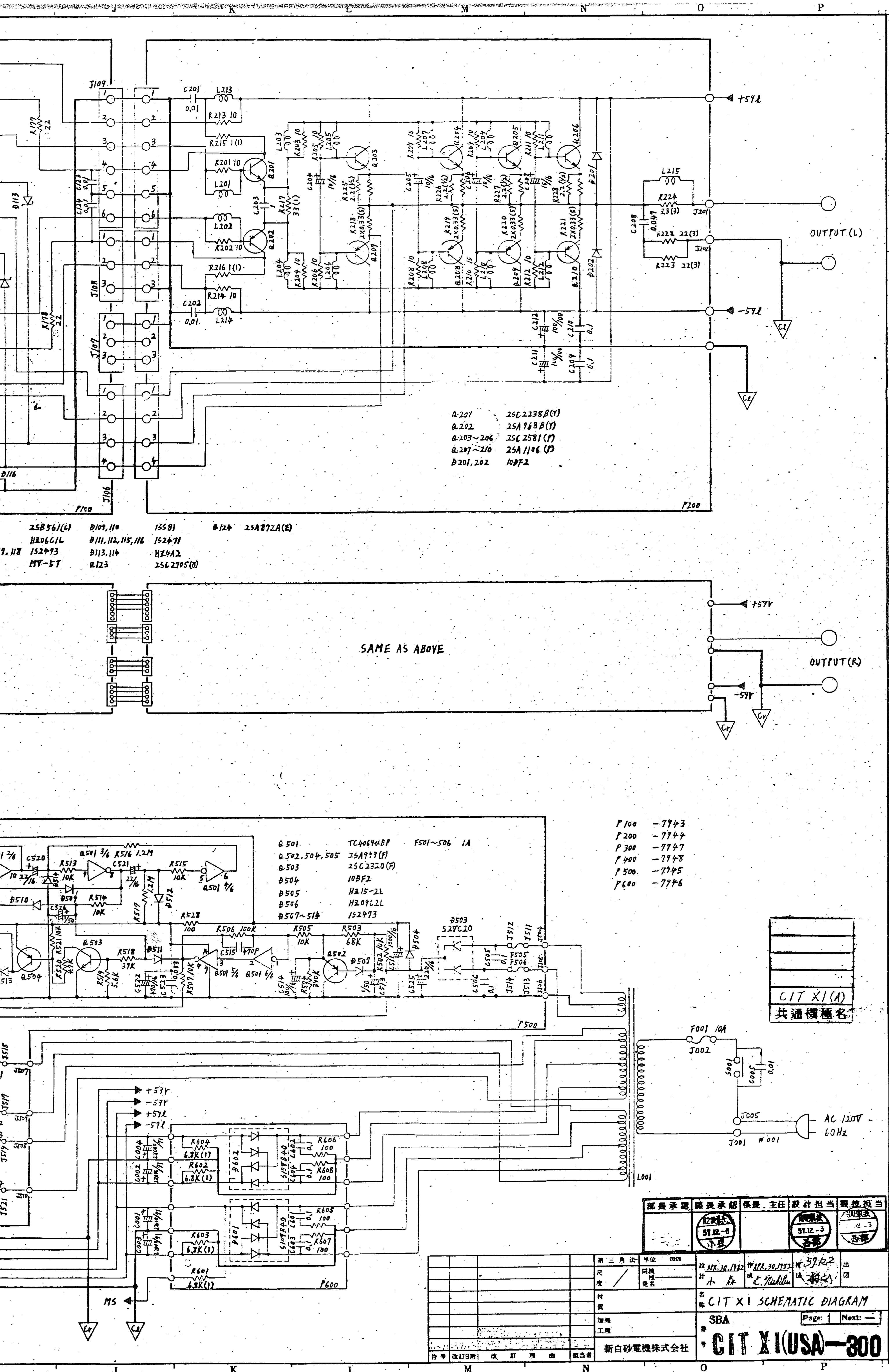
Q111	2SA1084(E)	Q113,114	2SC2682(F)	Q118	2SC2238B(Y)	Q122	2SB561(C)	D109,110	1S581	Q124	2SA872A(E)
	2SC2320(F)	Q115	2SB649A(C)	Q119	2SB667A(C)	D101,102	HZ06C1L	D111,112,115,116	1S2471		
	2SA999(F)	Q116	2SD669A(C)	Q120	2SB647A(C)	D103~106,117,118	1S2473	D113,114	HZ4A2		
	2SA1142(P)	Q119	2SA968B(Y)	Q121	2SB647(C)	D107,108	MT-5T	Q123	2SC2705(O)		

SAME AS ABOVE

Q501	TC4069UBP	F501~506	1A
Q502,504,505	2SA979(F)		
Q503	2SC2320(F)		
D504	10DF2		
D505	HZ15-2L		
D506	HZ09C2L		
D507~514	1S2473		

Q201	2SC2238
Q202	2SA968B
Q203~206	2SC2581
Q207~210	2SA1106
D201,202	10DF2

符号	改訂日附	改訂理



部長承認	課長承認	係長．主任	設計担当	製技担当
	57.12-6 小森		57.12-3 西都	12-3 西都

第三角法　単位 mm

設計 APR.30.1982 小森

名称 CIT XI SCHEMATIC DIAGRAM

SBA　Page: 1　Next: —

番号 CIT XI(USA)—300

新白砂電機株式会社