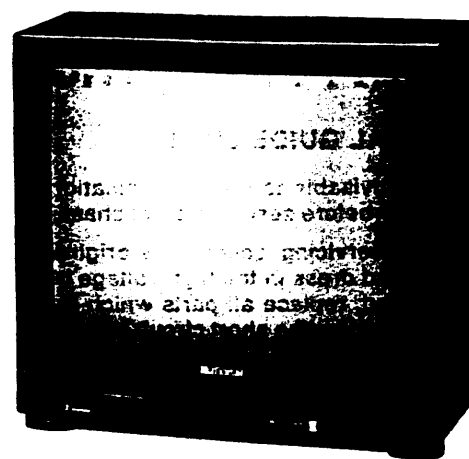


Service Manual

Colour Television

TC-2185TR

M15L chassis



Specifications

Power Source : AC Automatic Voltage Selection
 110-240 V, 50 / 60 Hz
Power Consumption : 99 W (Max.)
 Stand-by condition 12 W
Serial Impedance : 75 Ω unbalanced, Coaxial Type
Receiving System : SECAM - B, G
 PAL - B, G
 NTSC 4.43 MHz (VTR playback only)
Receiving Channels : VHF ch. 2-12
 UHF ch. 21-69
Intermediate Frequency : Video 38.9 MHz
 Sound 33.4 MHz
 Colour 34.47 MHz (PAL)
 34.5 MHz (SECAM)
 34.65 MHz (SECAM)

High Voltage : 25.3 kV at zero beam current
Picture Tube : A51JCC90X Type 21 (54 cm)
 measured diagonally, 90° deflection
Audio Output : 2.5 W (Max.)
Speaker : 12 x 5 cm, 8 Ω , Oval Type
Remote Controller : 24 functions Infrared Controller
Dimensions : Height : 470 mm
 Width : 510 mm
 Depth : 480 mm
Mass (Weight) : 21.4 kg (Net)

Specifications are subject to change without notice.
 Mass (Weight) and dimensions shown are approximate.

National

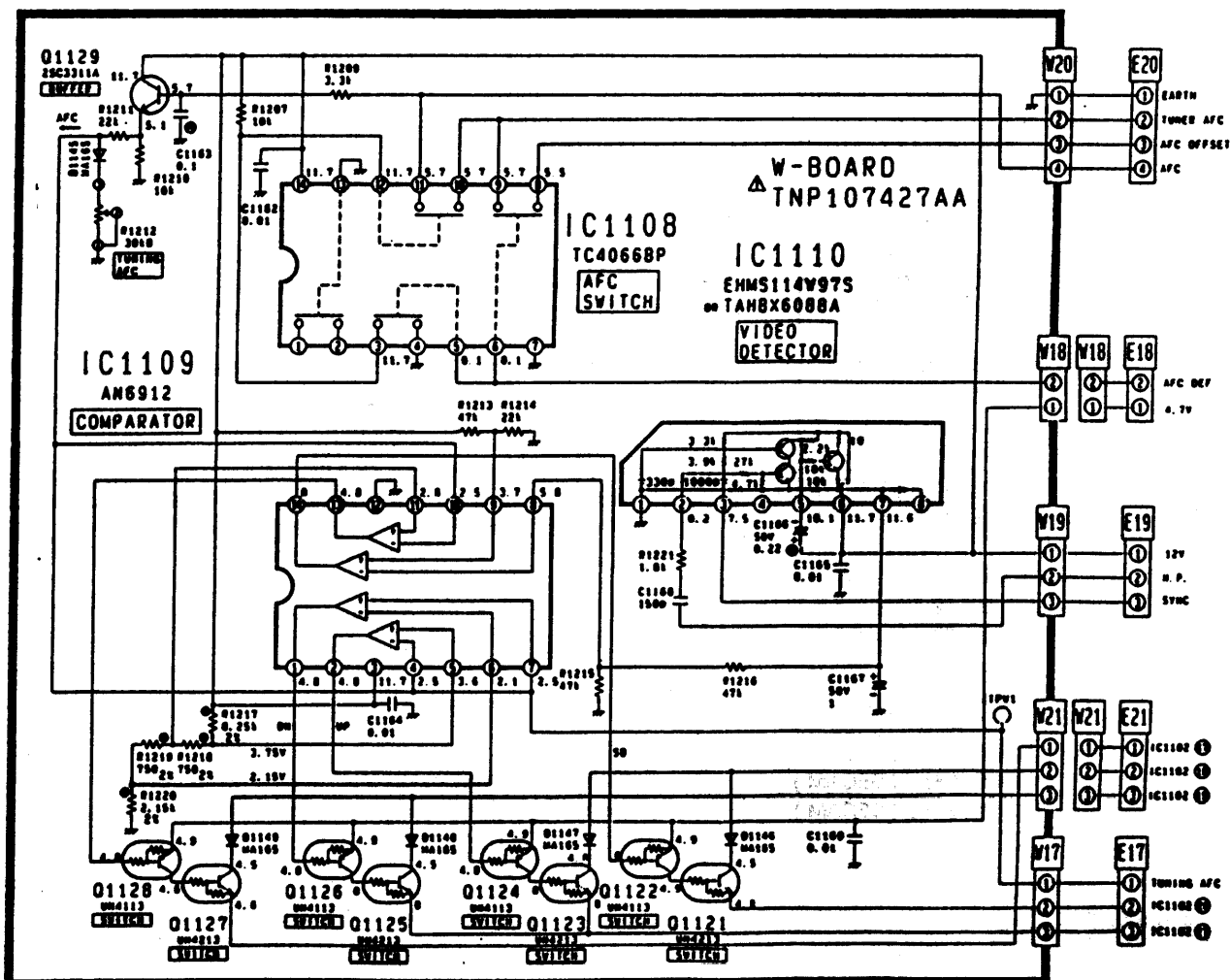
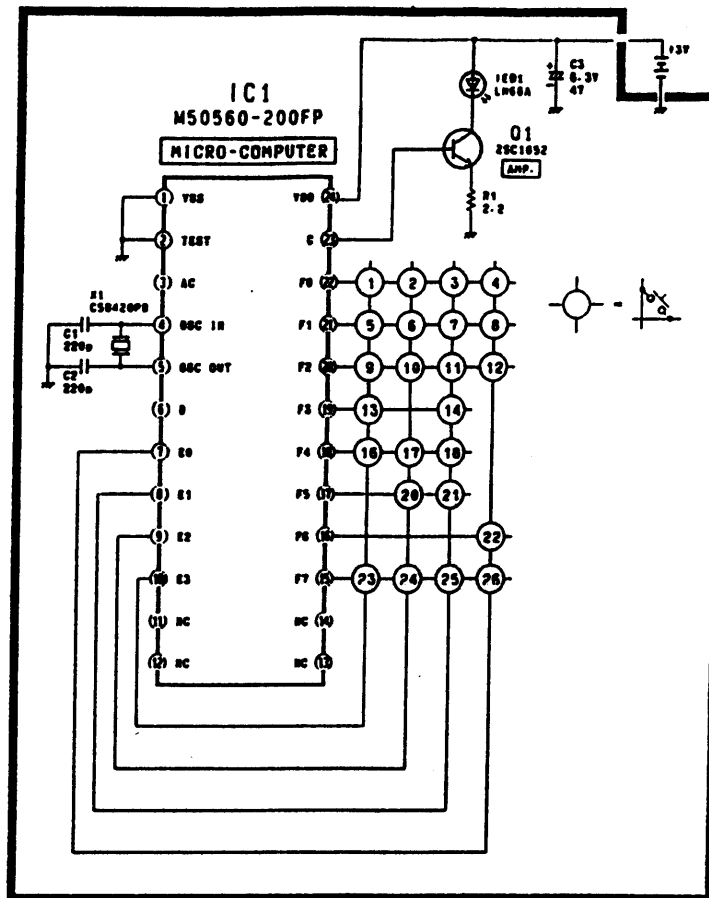
Matsushita Electric Industrial Co., Ltd.
 Central P. O. Box 288, Osaka 530-91, Japan

12105TH

REMOTE CONTROLLER TNQ2646

KEY FUNCTION TABLE

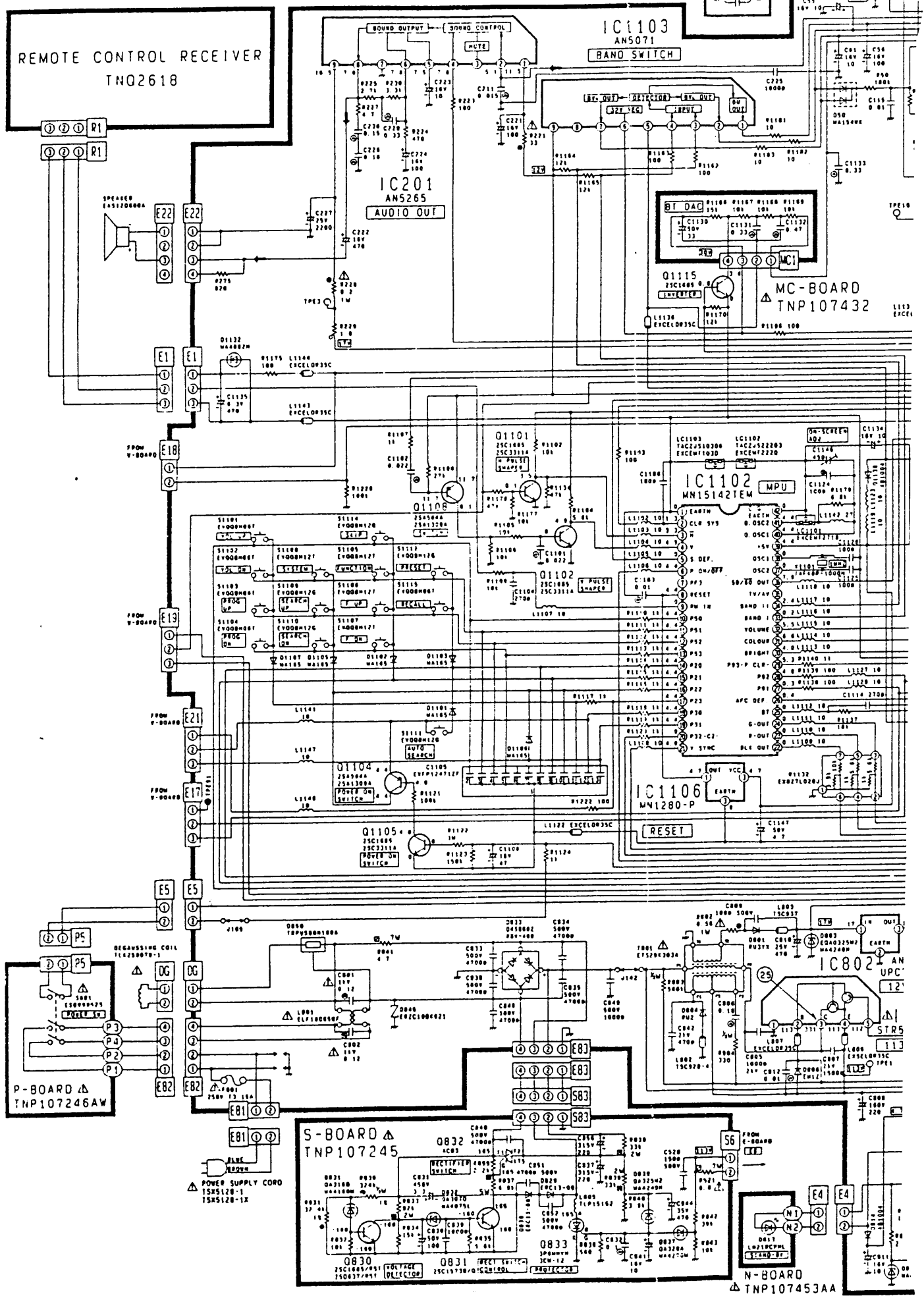
KEY NO.	DATA CODE	FUNCTION	KEY NO.	DATA CODE	FUNCTION
1	20	POWER	13	01	VOL +
2	10	1	14	10	10
3	11	2	16	00	VOL -
4	12	3	17	08	MUTE
5	22	PROG. UP	18	07	NORMAL
6	13	4	20	1A	11
7	14	5	21	1B	12
8	15	6	22	26	RECALL
9	23	PROG. DN	23	0E	COLOUR -
10	16	7	24	0C	COLOUR +
11	17	8	25	0F	BRIGHT -
12	18	9	26	06	BRIGHT +

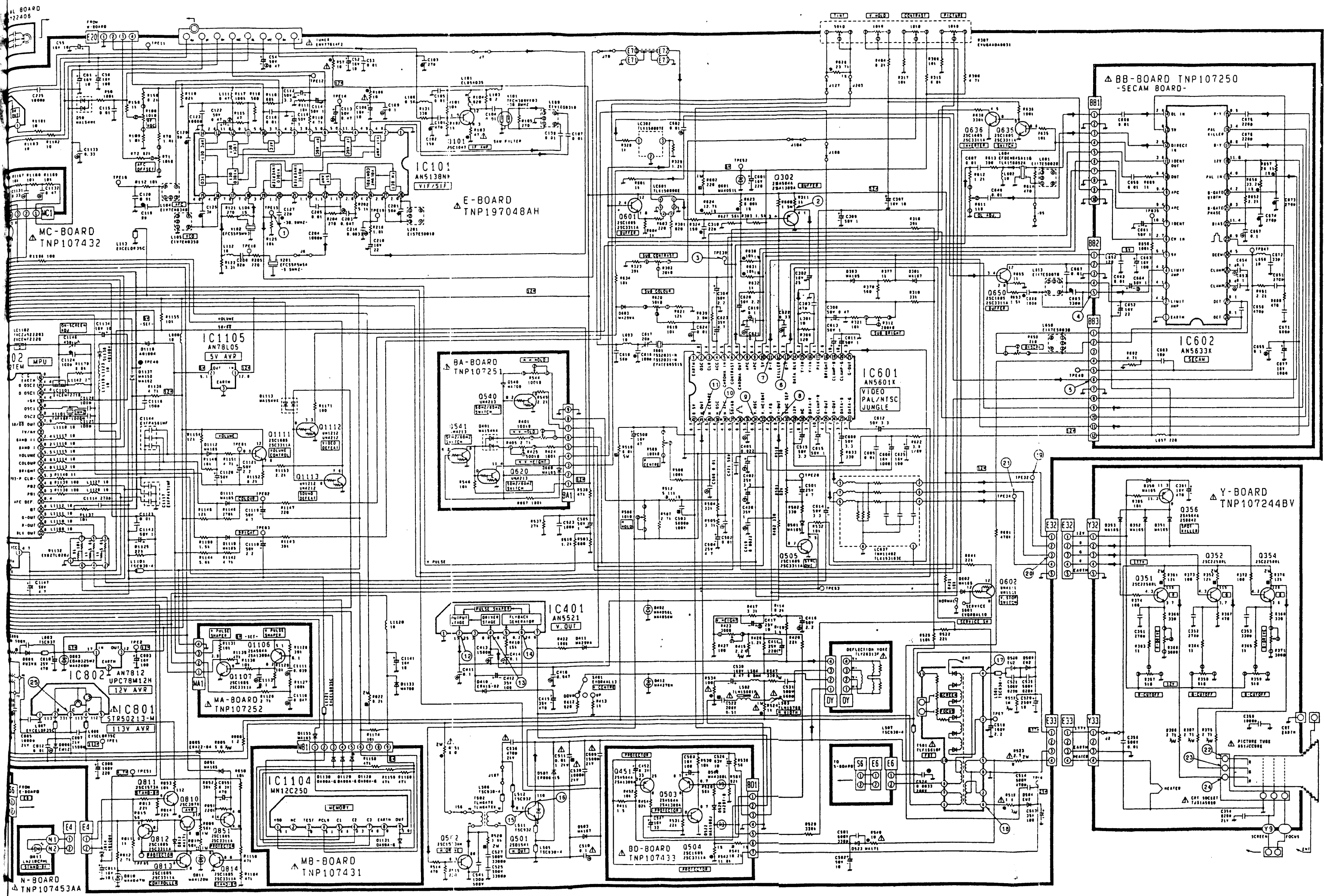


IC1103 VOLTAGE TABLE

	1	2	3	4	5	6	7	8	9
V ₁	2.11	5.12	3.82	0	0	5.3	0	11	11
V ₂	0	2.19	0	1.12	2	0	32	11	0
V ₃	11	4.0	2	0	2	0	3	0	11

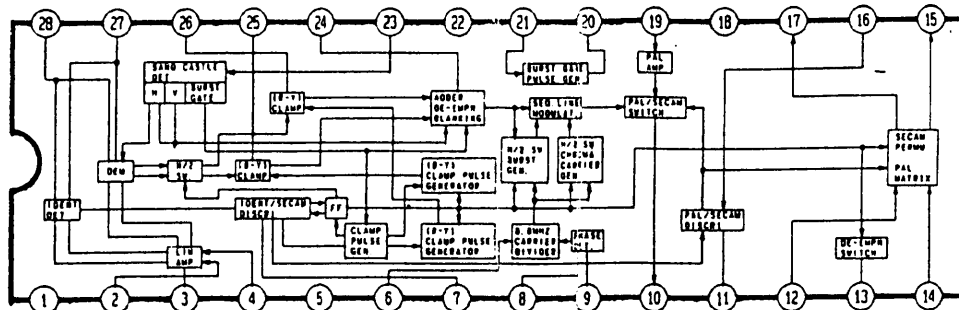
AERIAL BOARD
TJB1722406



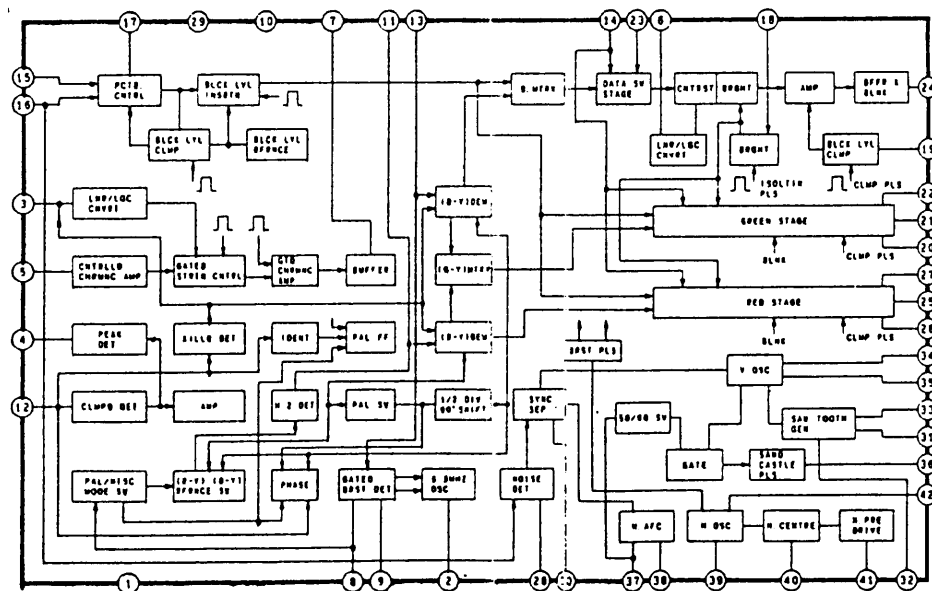


BLOCK DIAGRAM FOR INTEGRATED CIRCUITS

IC602 AN5633K



IC601 AN5601K



WAVEFORM PATTERN TABLE

