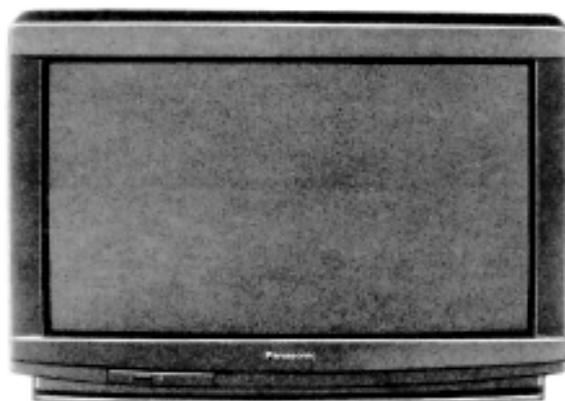


СЕРВИСНАЯ ИНСТРУКЦИЯ

Цветной телевизор

ТС-28WG20R

Шасси M18W

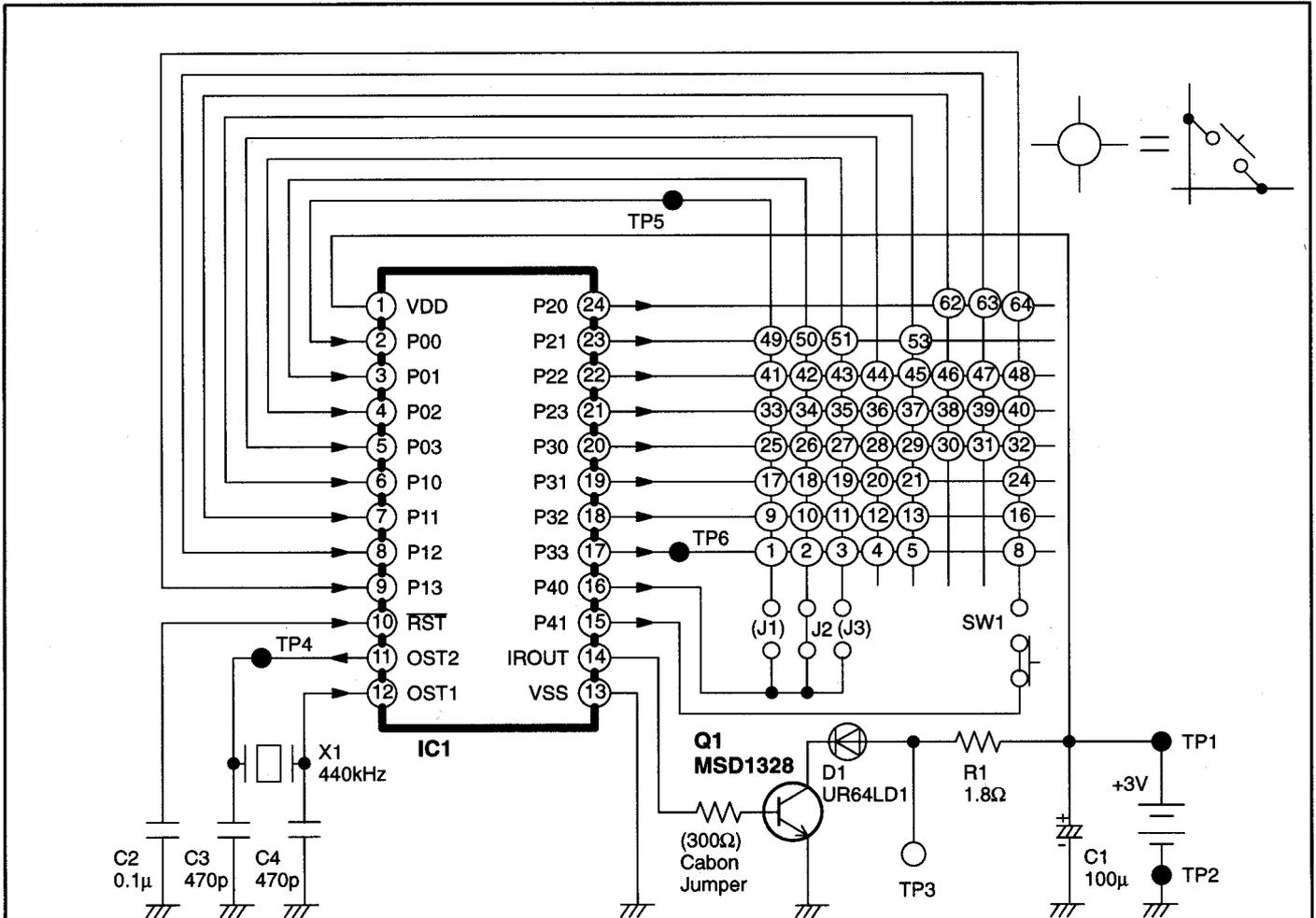


ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
РАСПОЛОЖЕНИЕ ОРГАНОВ УПРАВЛЕНИЯ И ПЕЧАТНЫХ ПЛАТ
РЕКОМЕНДАЦИИ ПО ОБСЛУЖИВАНИЮ
ОСОБЫЕ СЛУЧАИ ОБСЛУЖИВАНИЯ
РЕЖИМ НАСТРОЙКИ "MARKET"
РЕГУЛИРОВКИ
РАЗМЕЩЕНИЕ МОНТАЖНОЙ СХЕМЫ
ПРИНЦИПИАЛЬНЫЕ СХЕМЫ
РАСПОЛОЖЕНИЕ ДЕТАЛЕЙ И ПЕРЕЧЕНЬ СМЕННЫХ ДЕТАЛЕЙ ДЛЯ
МЕХАНИЧЕСКОЙ ЗАМЕНЫ
ПЕРЕЧЕНЬ СМЕННЫХ ДЕТАЛЕЙ

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Panasonic

Дистанционное управление ДУ EUR51916



Функциональная таблица клавишей

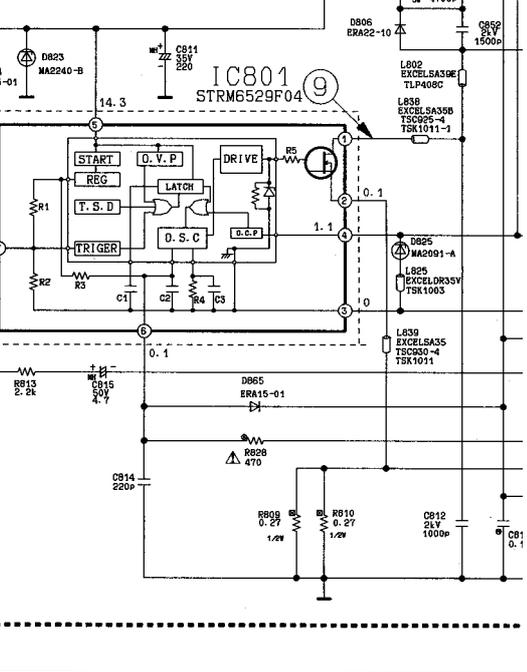
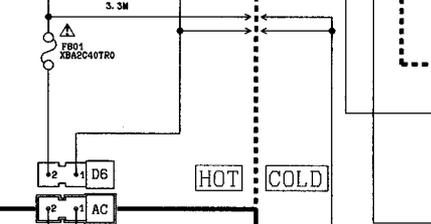
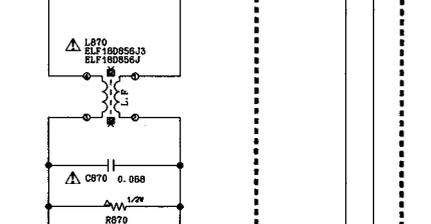
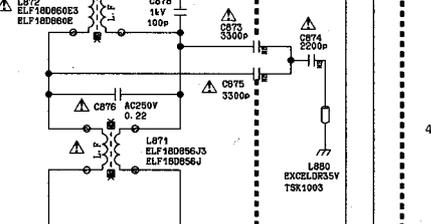
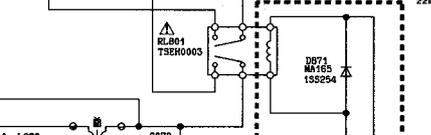
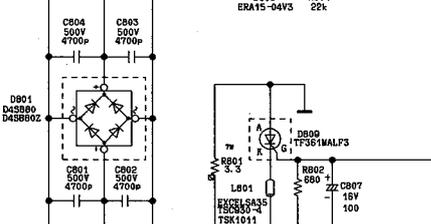
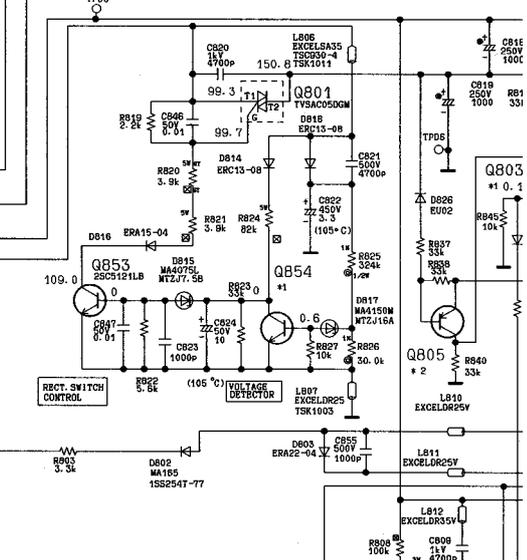
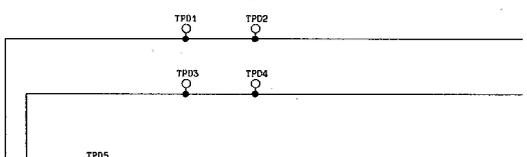
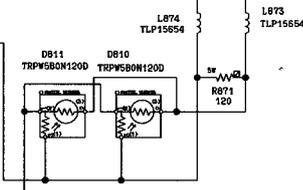
Key No.	Function	Key No.	Function	Key No.	Function
1	POWER ON/OFF	23	-----	45	-----
2	1	24	VCR-STOP	46	▶
3	4	25	TV/AV	47	NORMAL
4	7	26	POS. UP	48	▼
5	RECALL	27	POS. DOWN	49	SOUND MENU
6	-----	28	VOL UP	50	OFF TIMER
7	-----	29	VOL DOWN	51	SURROUND
8	VCR-REW	30	-----	52	---Z---
9	ASPECT	31	-----	53	GAME
10	2	32	VCR-FF	54	-----
11	5	33	VCR-POWER	55	-----
12	8	34	VCR-TV/VCR	56	-----
13	0	35	VCR-PAUSE	57	-----
14	-----	36	VCR-ADVANCE	58	-----
15	-----	37	VCR-REC	59	-----
16	VCR-PLAY	38	VCR-REC	60	-----
17	MUTE	39	VCR-CH UP	61	-----
18	3	40	VCR-CH DOWN	62	MULTI WINDOW
19	6	41	MAIN MENU	63	STROBE
20	9	42	▲	64	AUTO ASPECT
21	2 DIGIT	43	PICTURE MENU	65	-----
22	-----	44	◀	66	-----



D-BOARD

TZTNP010BEH

DEG COIL
TSPA017

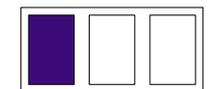


AC POWER CORD
TSX1481

HOT COLD

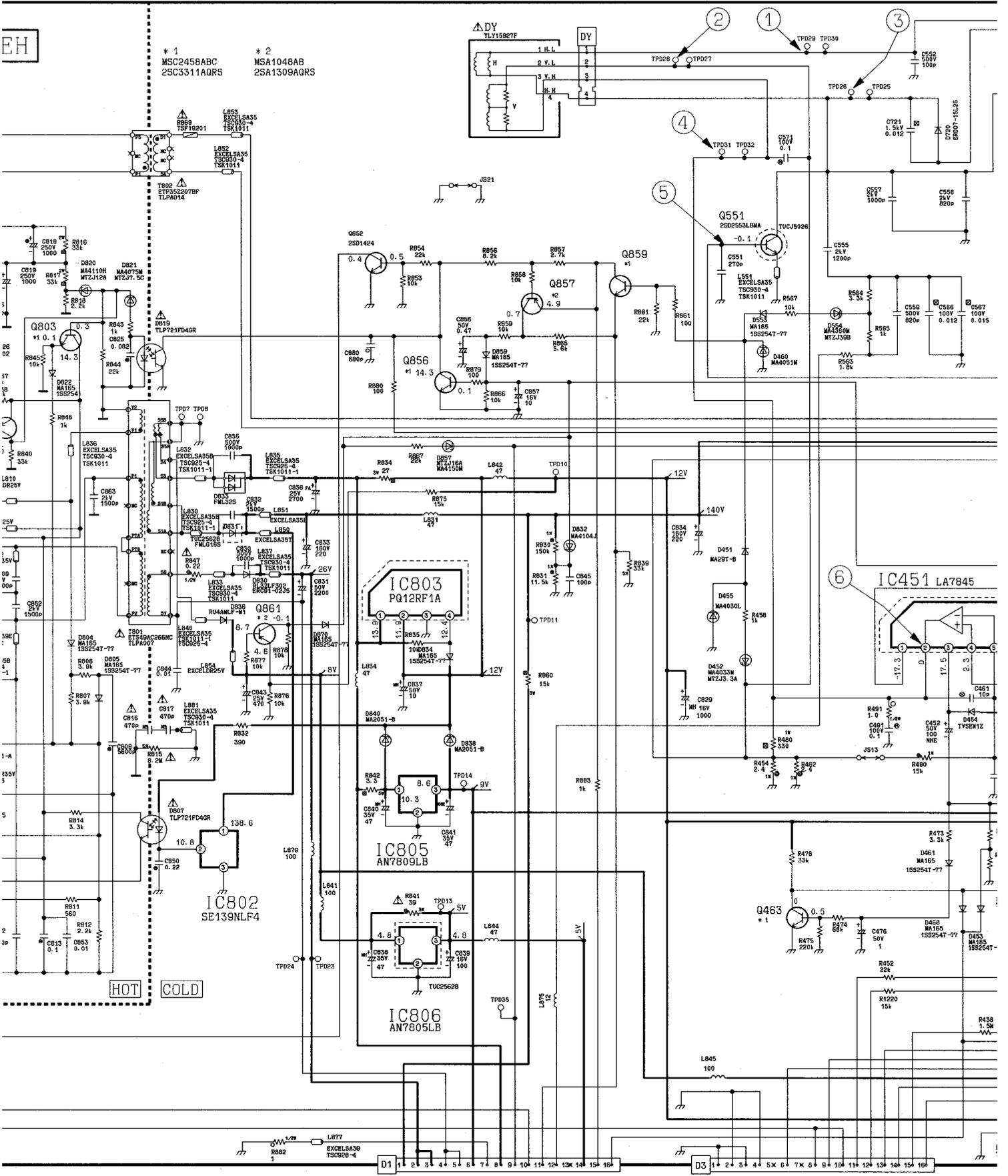
6
5
4
3
2
1

A B C D E



EH

* 1 MSC2458ABC
2SC3311AQRS
* 2 MSA1048AB
2SA1309AQRS

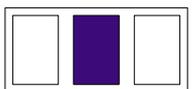


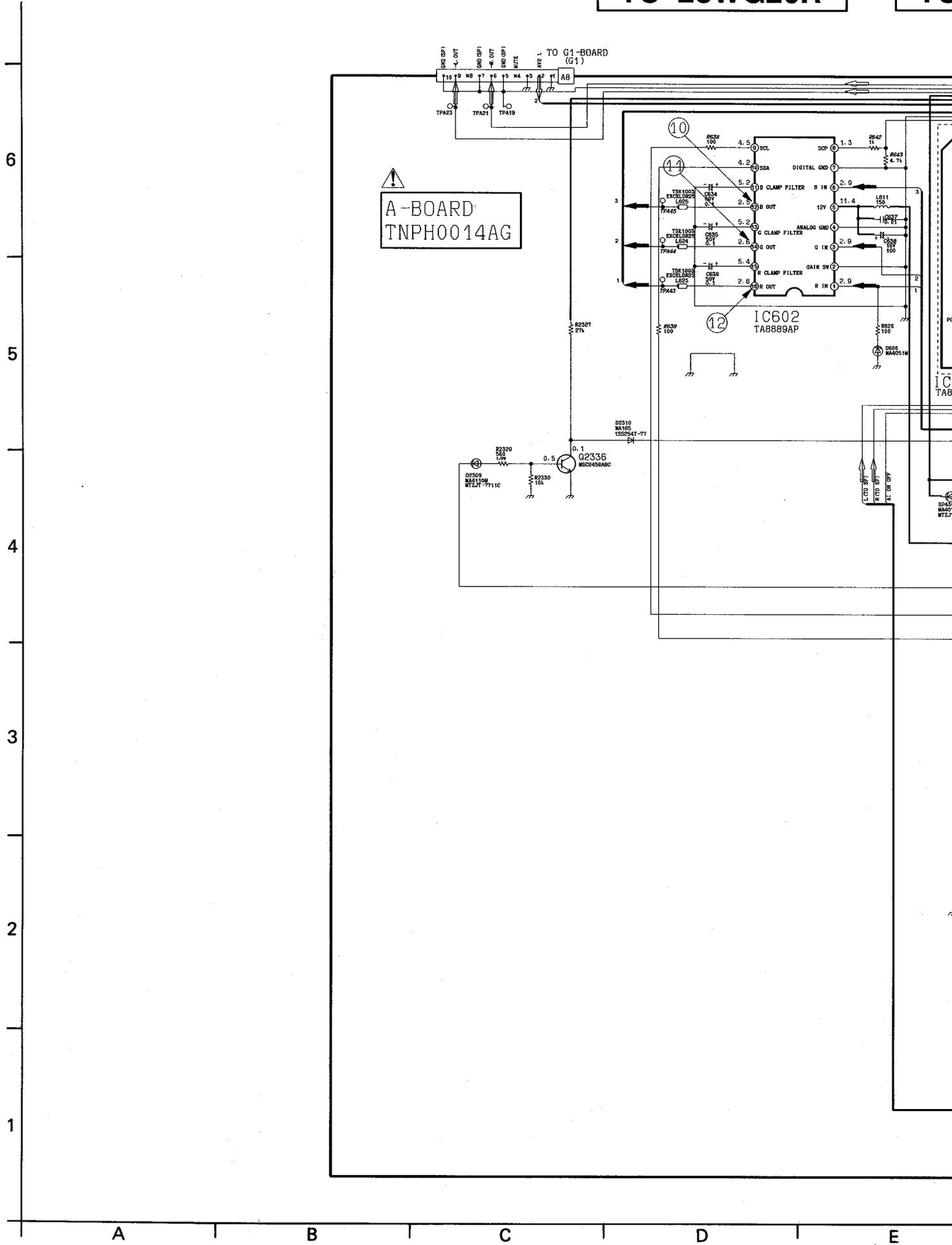
TO A-BOARD (A1) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

TO A-BOARD (A3) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

BT 3V+
SOUND 35V+
SOUND 35V-
SOUND GND-
SOUND GND+
SET 5V+
P. IN P. 14V
TO SW+
FROM SW-
R. PULSE-
N. C.
SET 5V-
STAND BY-
TO SCP+
GND
GND
NC
V10C1
NC
TIMER GND
EXIT LIGHT
TIMER GND
V STOP
V POS
V PULSE
EXP. F. B
G. CORRECT
TO

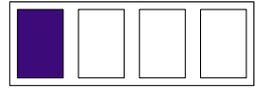
E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z



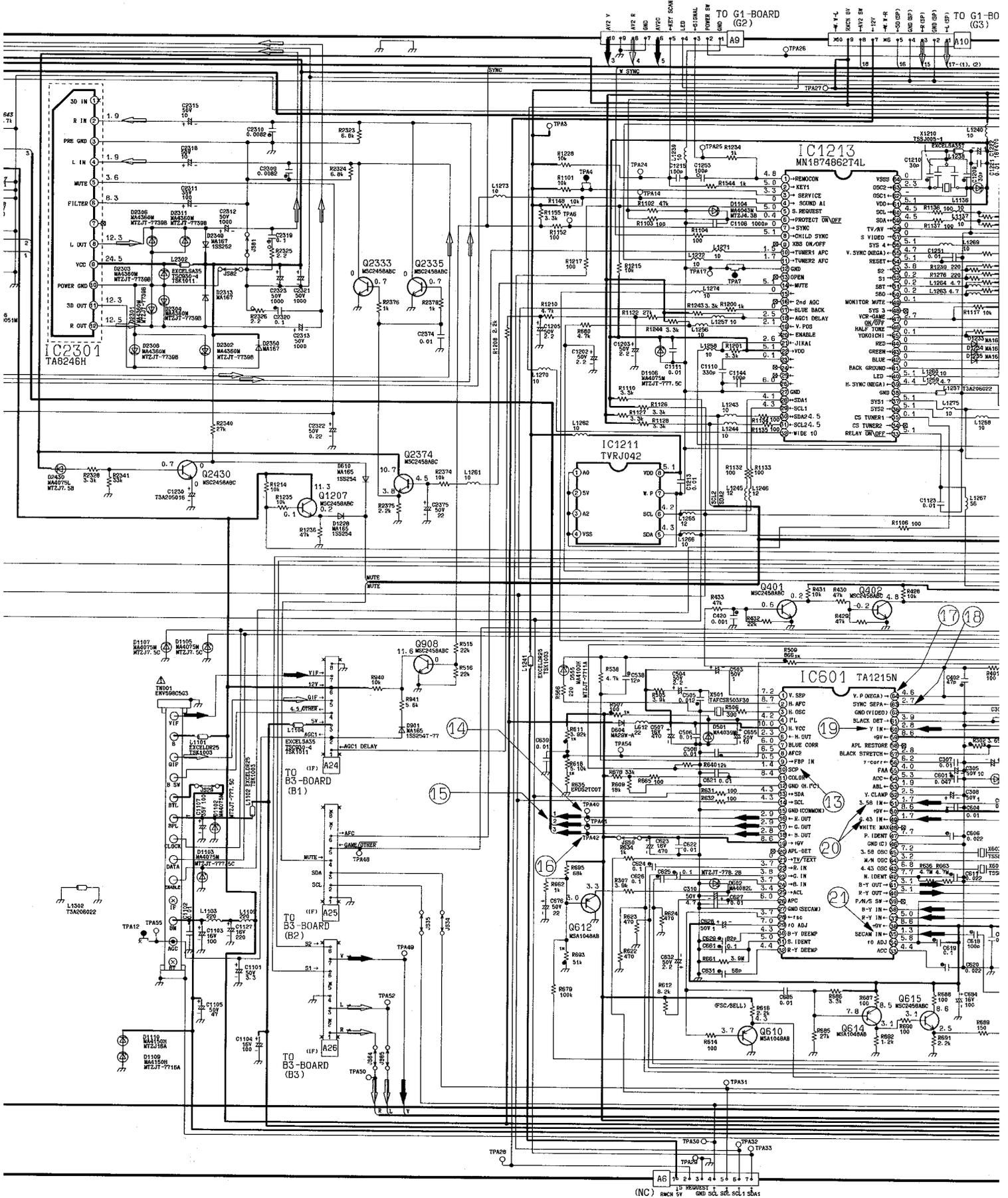


A-BOARD
TNP0014AG

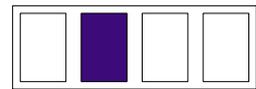
Дистанционное управление, Плата D/Плата A



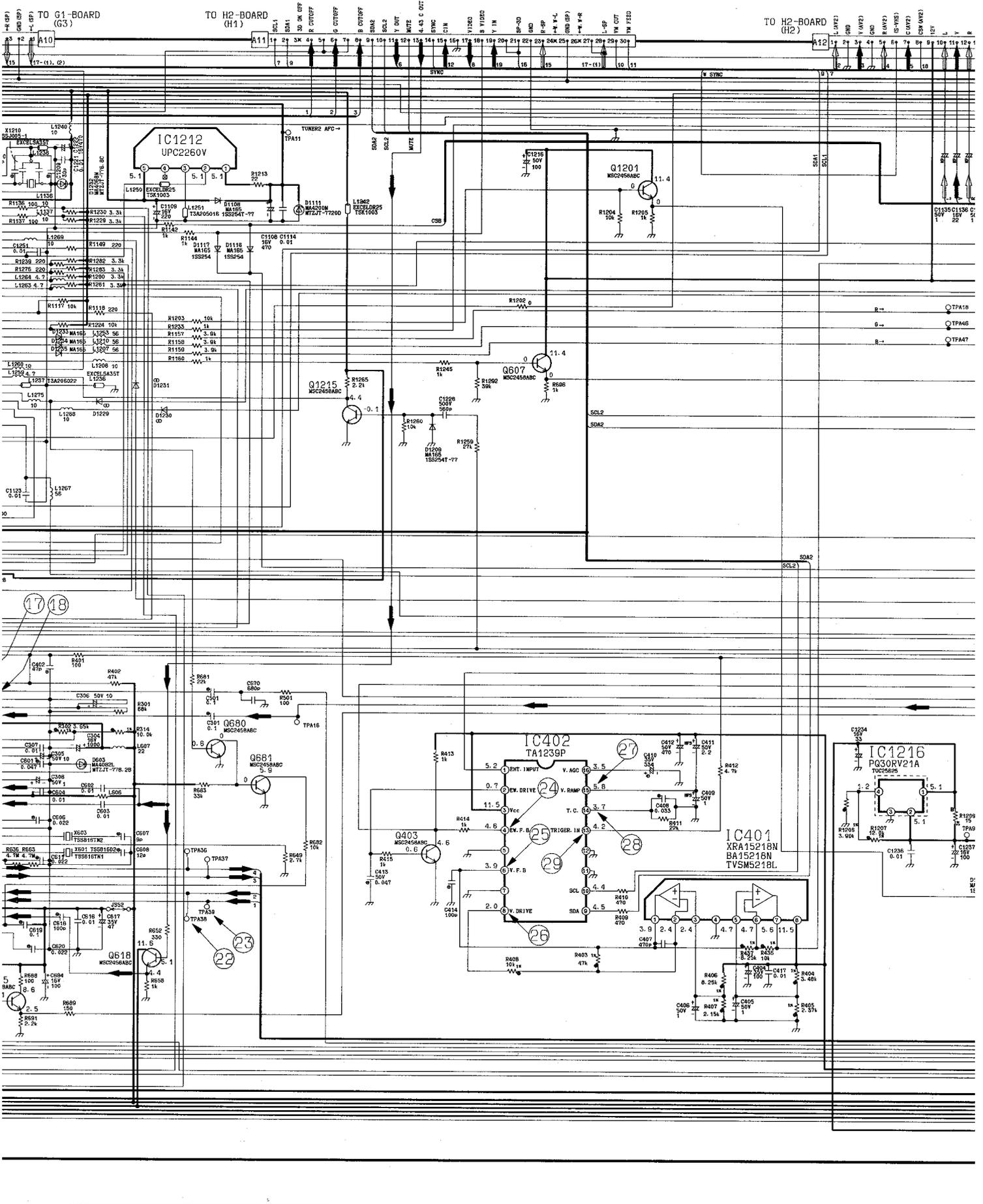
TC-28WG20R



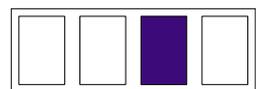
F | G | H



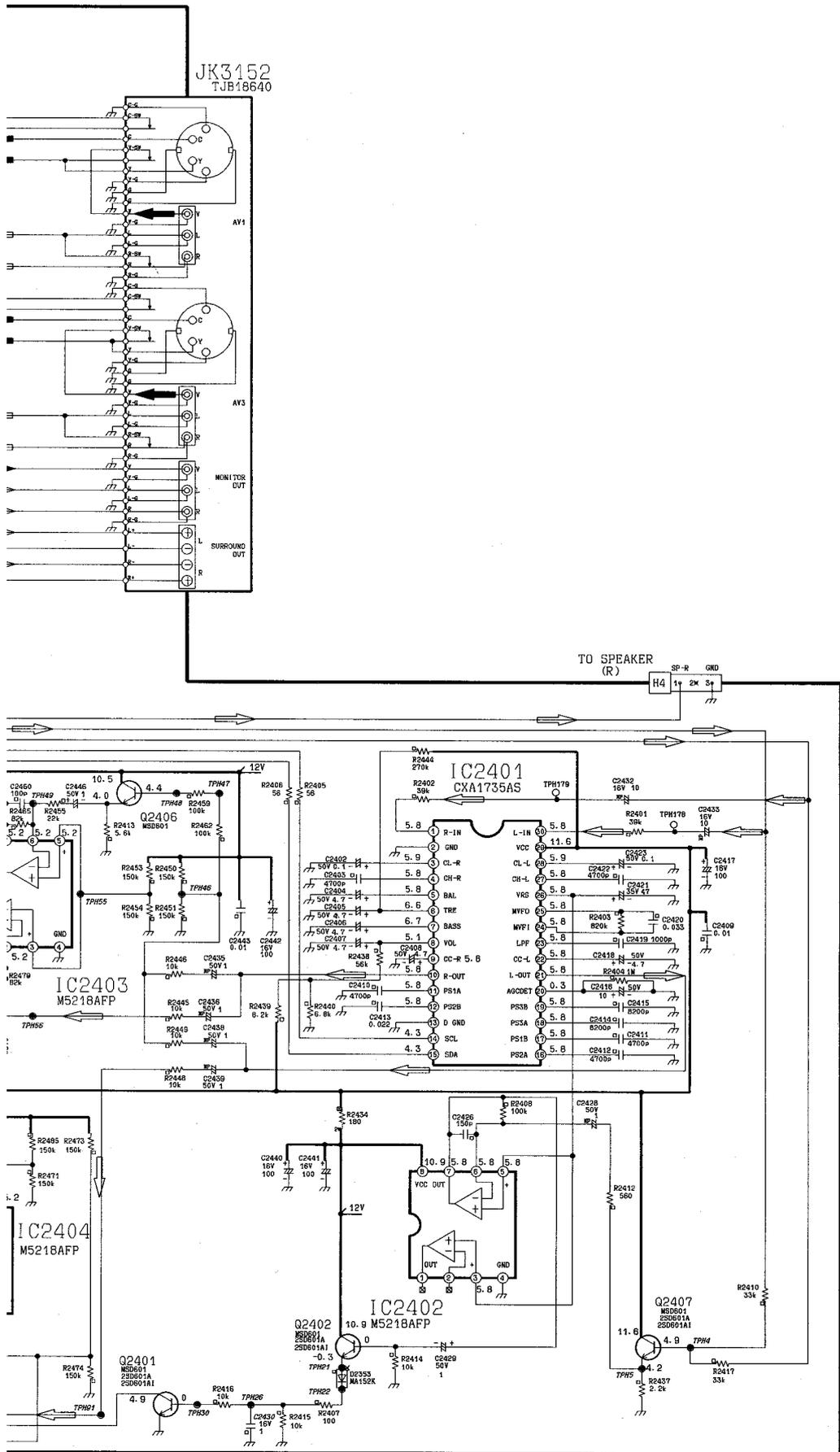
TC-28WG20R



J | K | L | M | N



TC-28WG20R



J

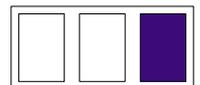
K

L

M

N

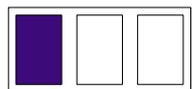
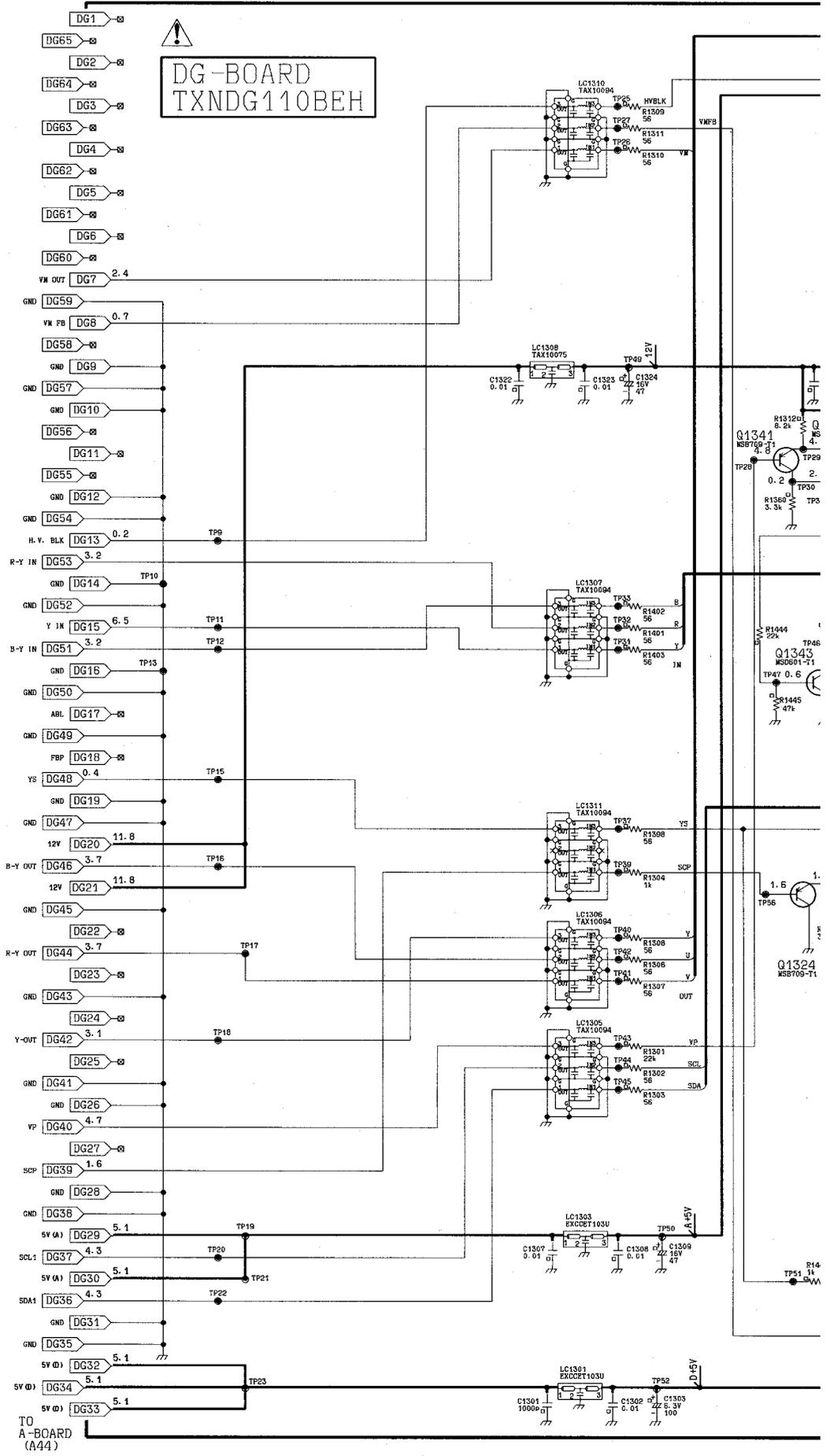
Плата H2/Плата DG



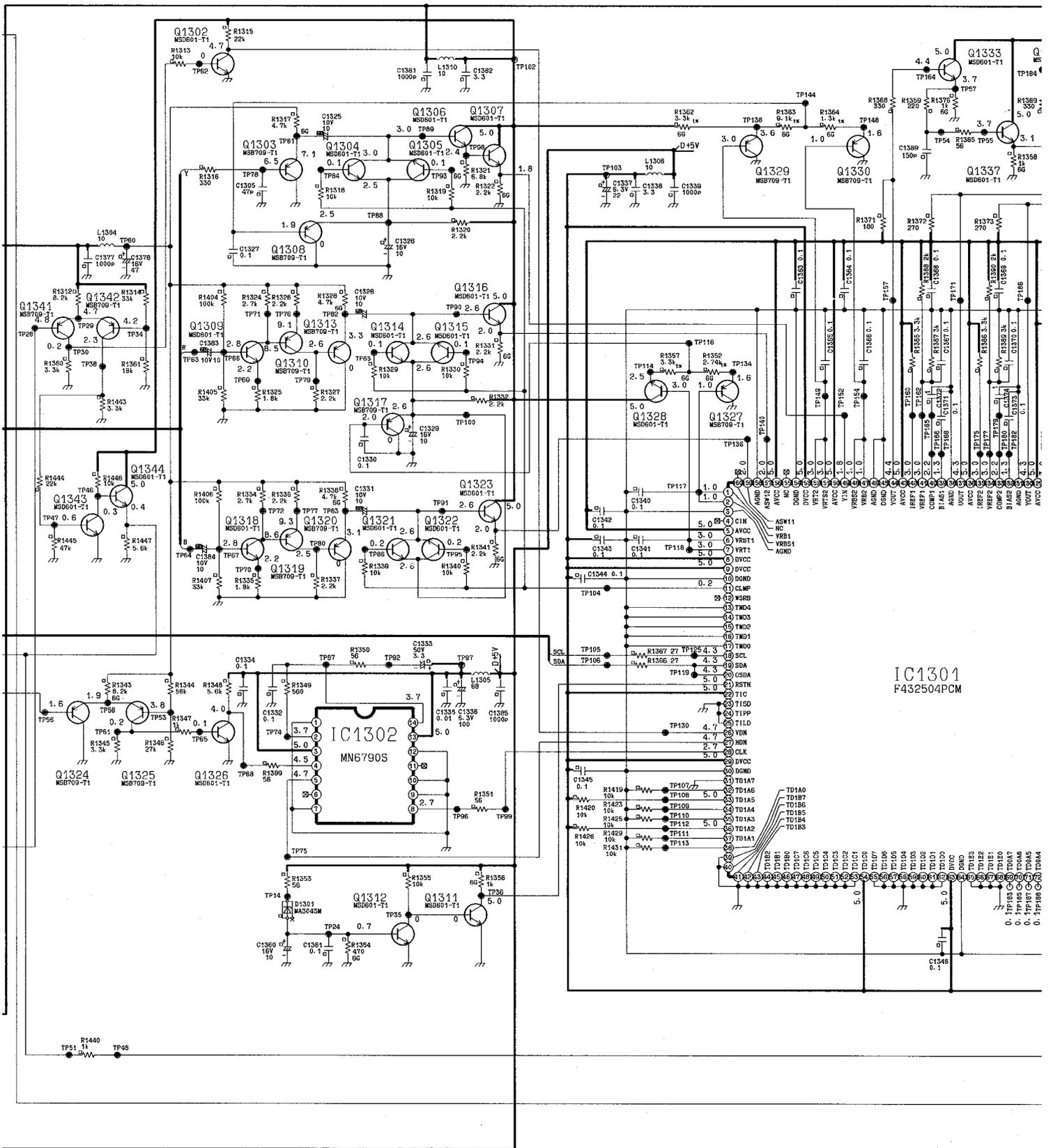
TC-28WG20R

6
5
4
3
2
1

A B C D E



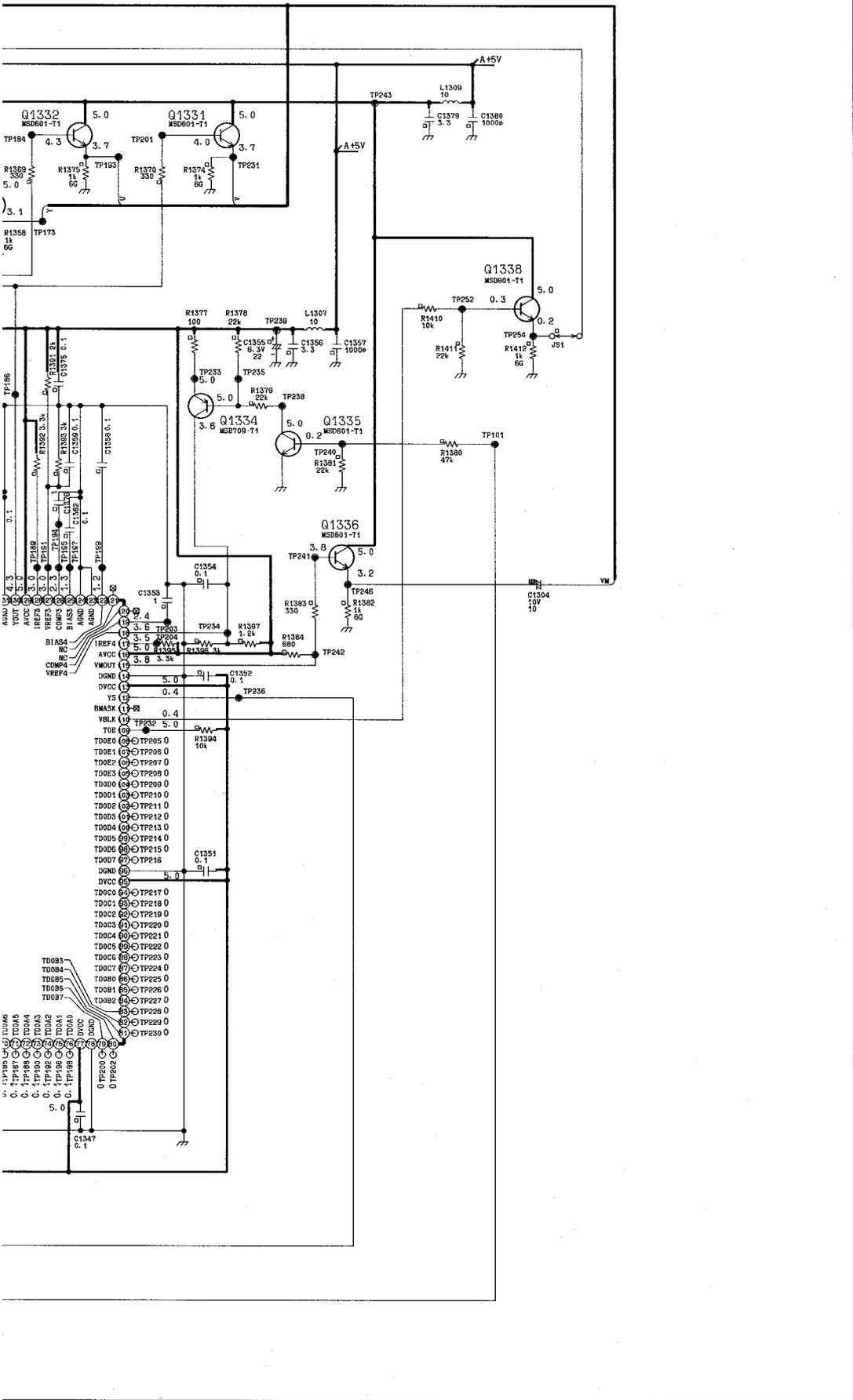
TC-28WG20R



E | F | G | H | I



TC-28WG20R



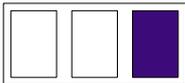
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K

L

M

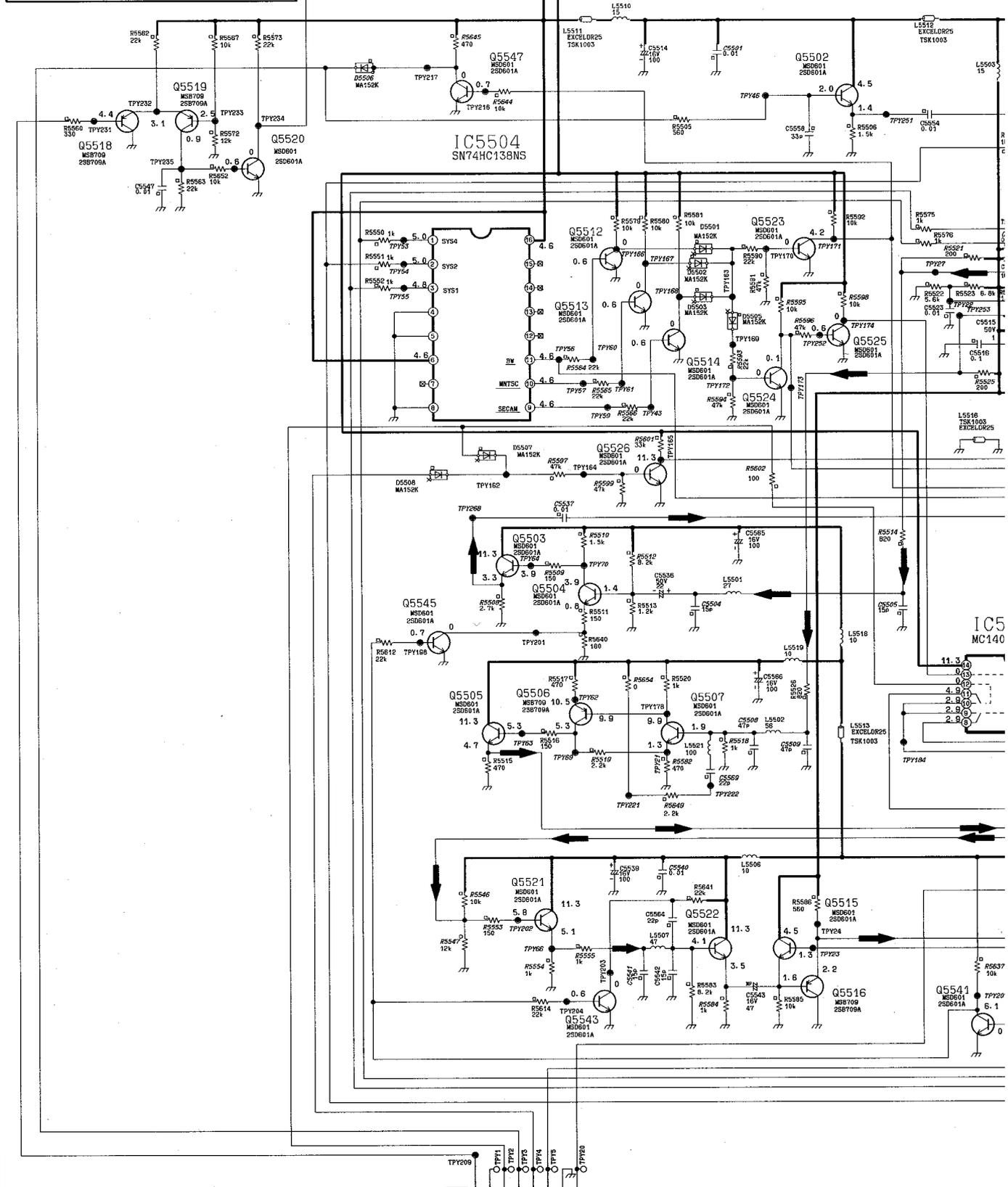
N





Y-BOARD TNPA0164AA

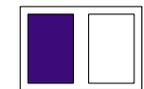
6
5
4
3
2
1



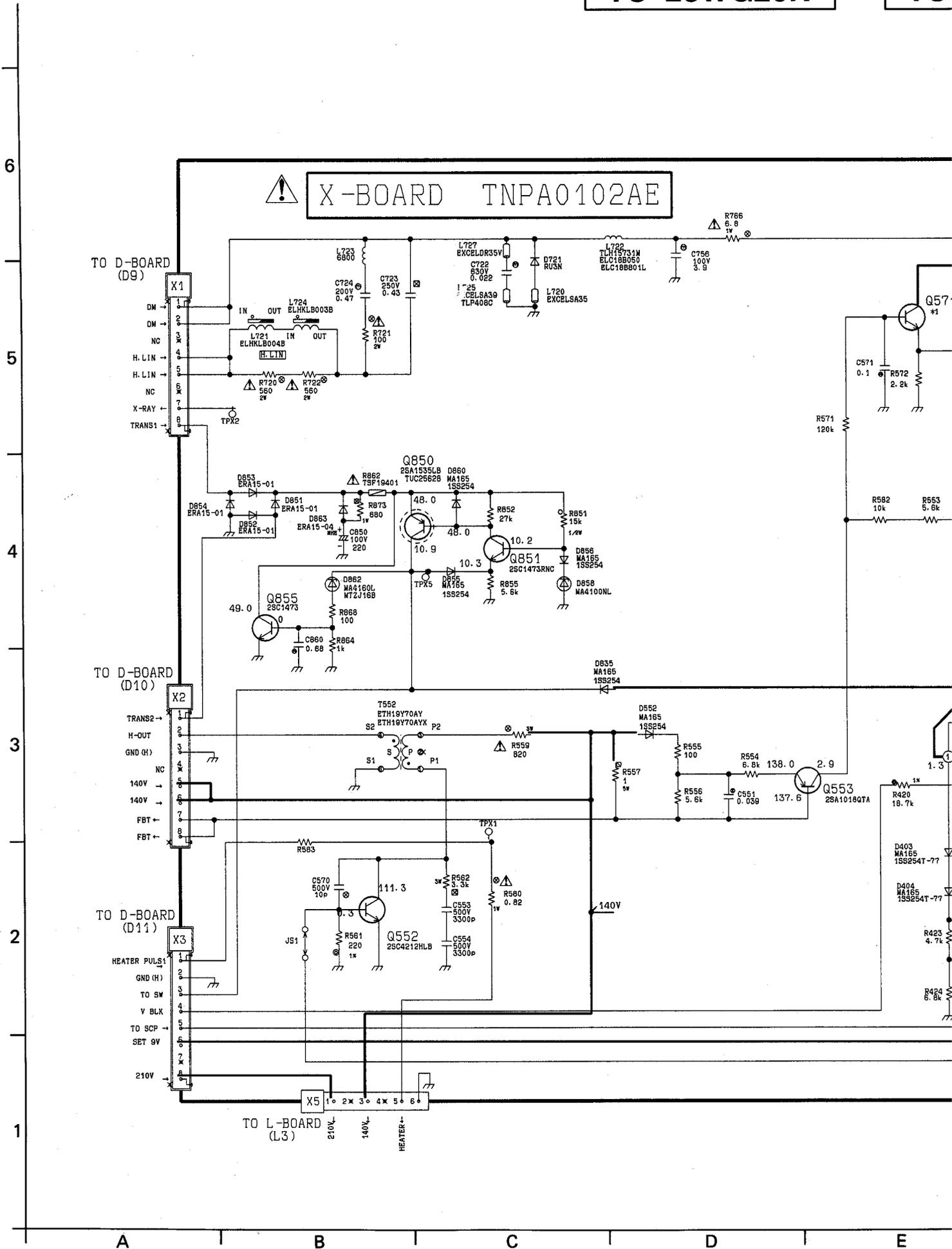
TO A-BOARD (A41)

FSC IN
TEST
FSC IN
B/L
TV/AV
TV
SYNC OUT

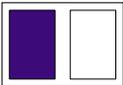
A B C D E



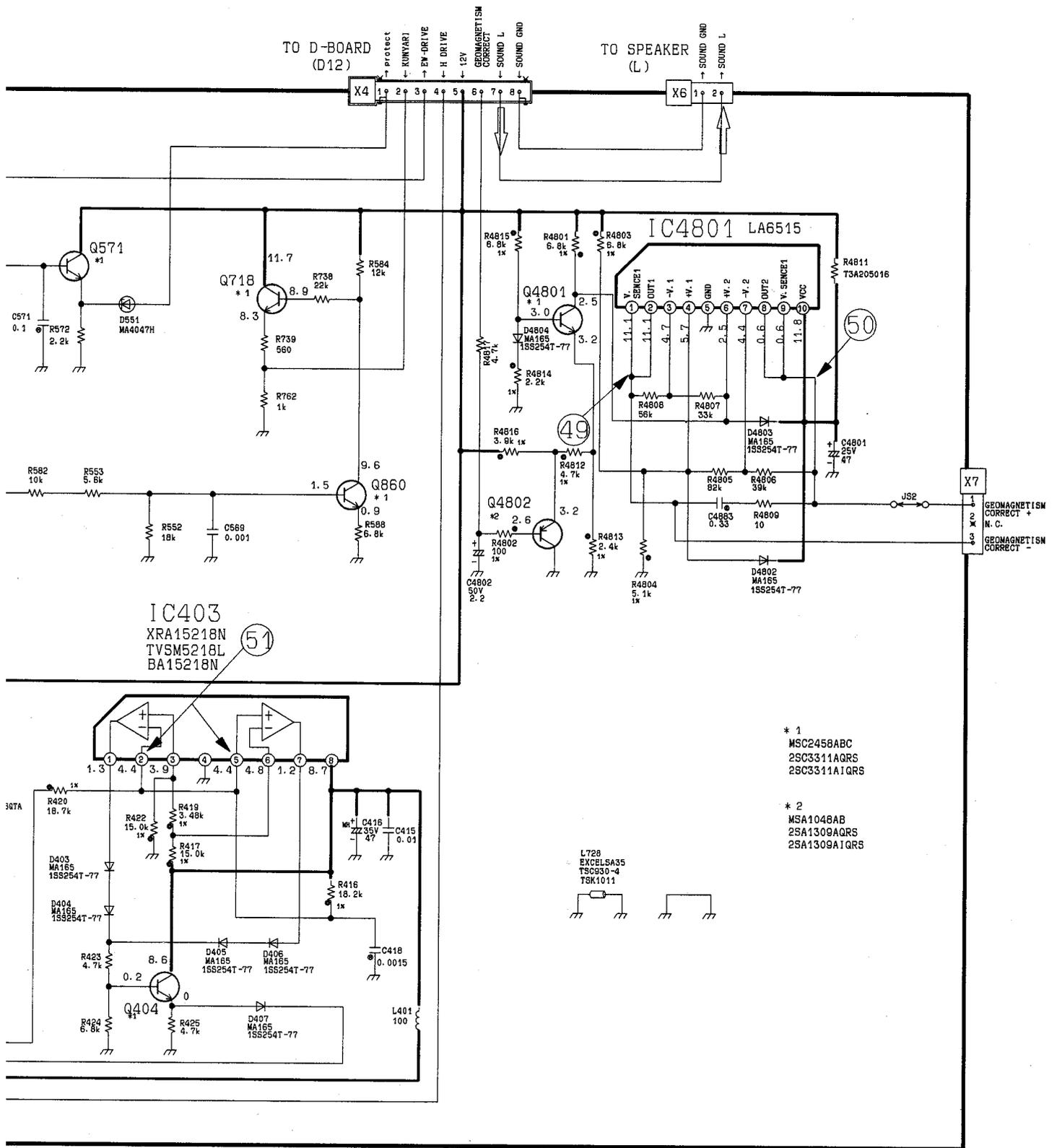
X-BOARD TNPA0102AE



Плата Y/Плата X



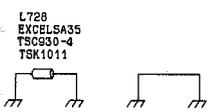
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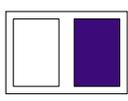
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BA15218N

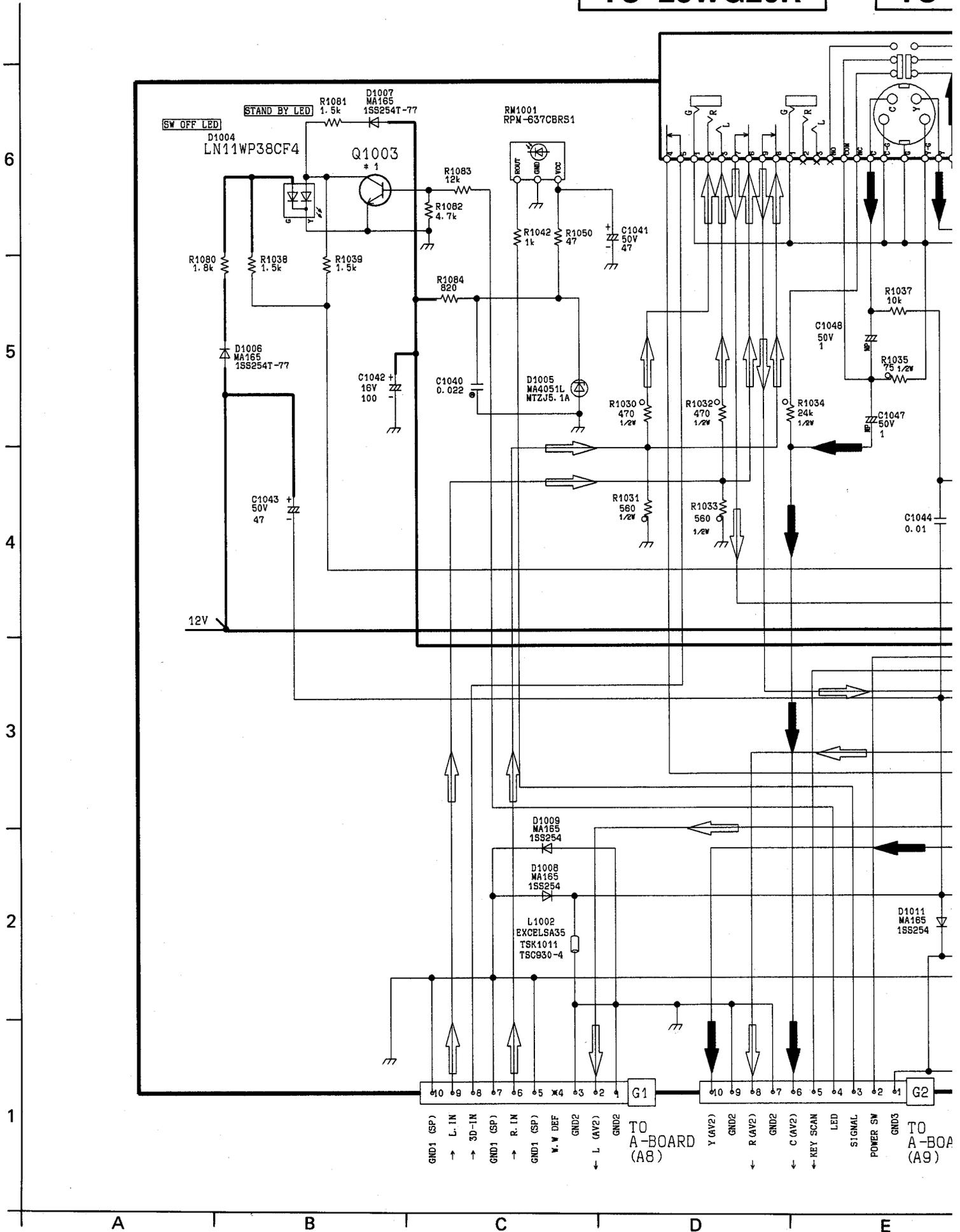
IC4801 LA6515

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- * 2
MSA1048AB
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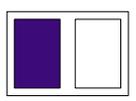


E | F | G | H | I





Plata L/Plata G1

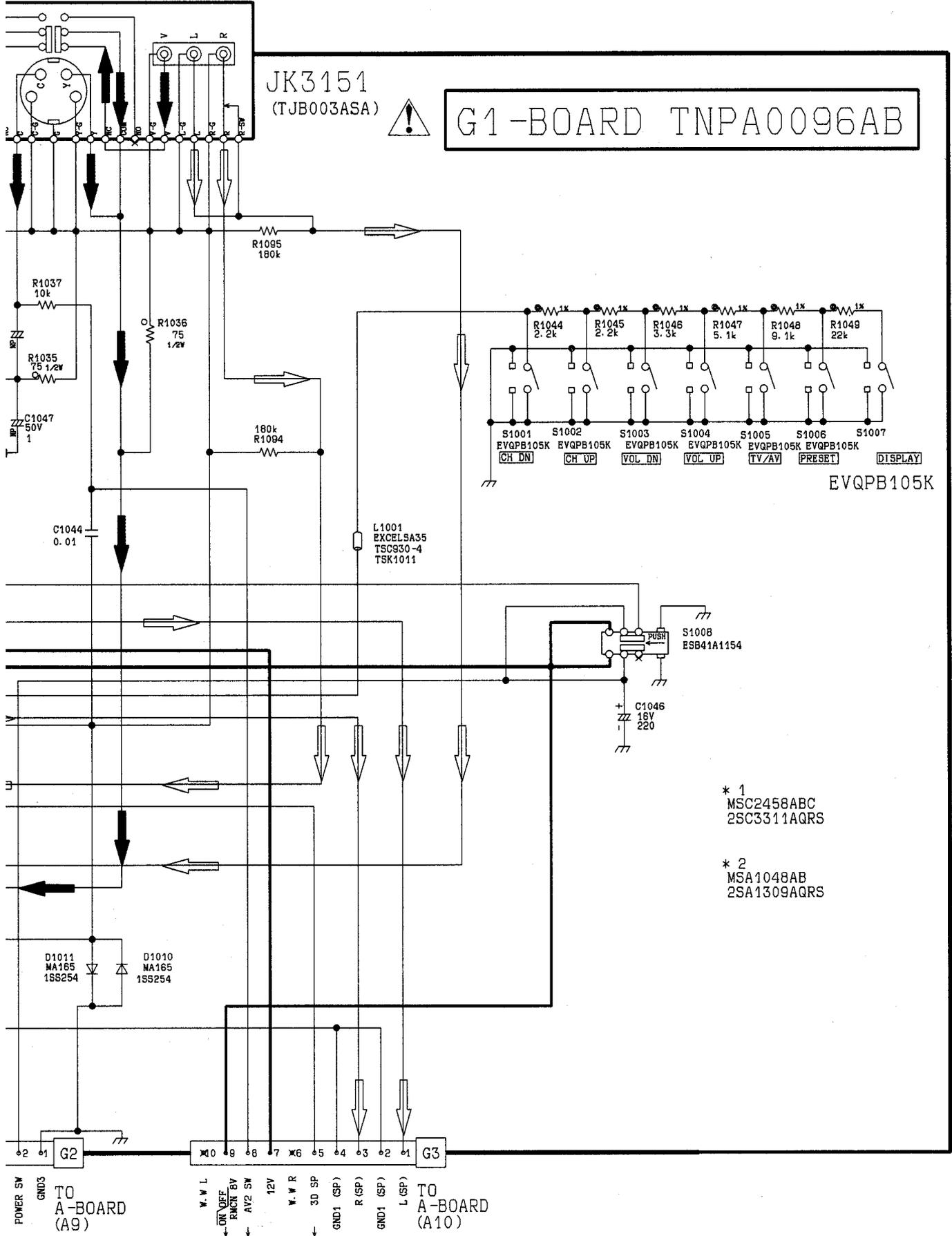


TC-28WG20R

JK3151
(TJB003ASA)



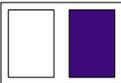
G1-BOARD TNPA0096AB

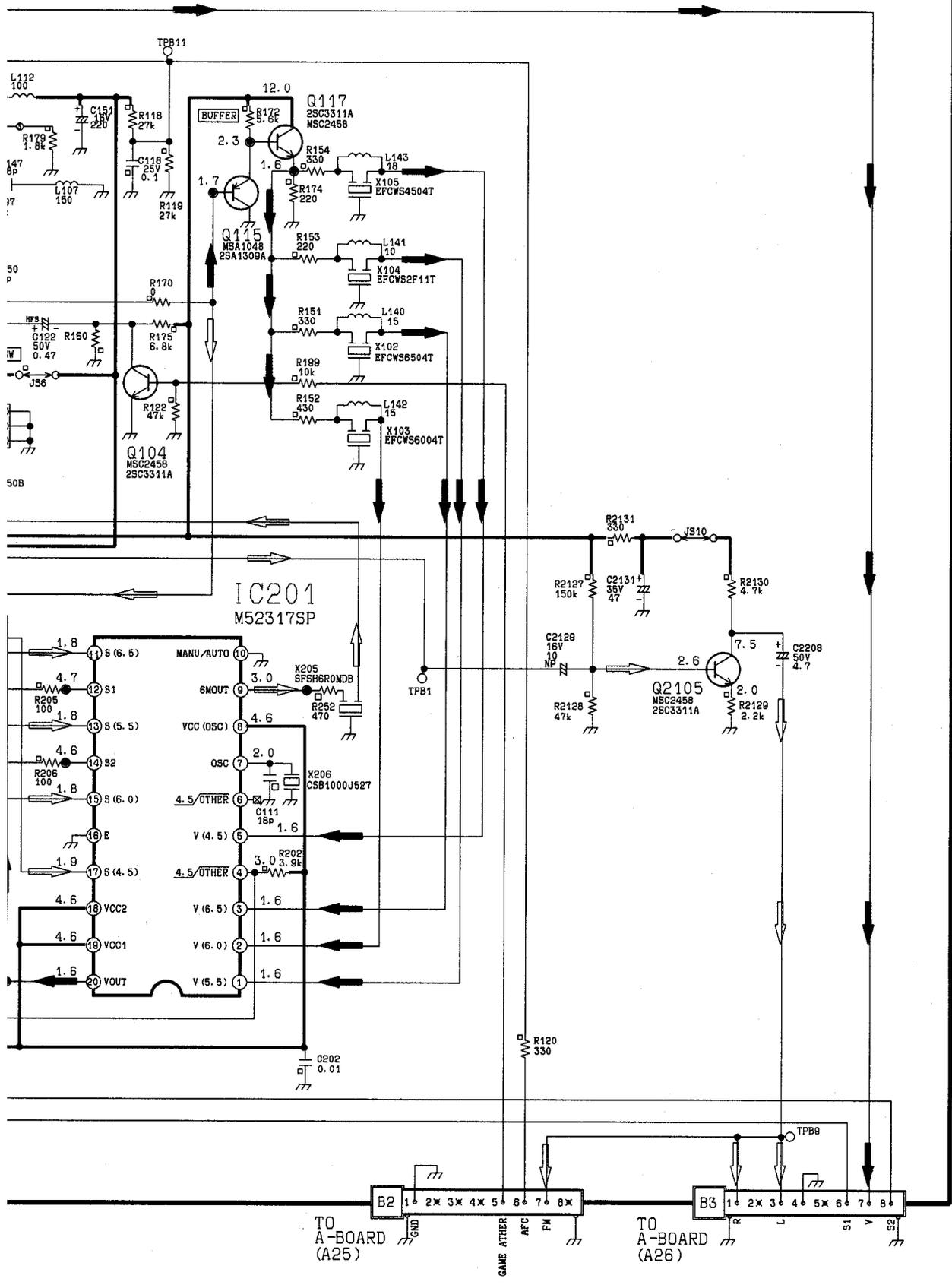


* 1
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2SC3311AQRS

* 2
MSA1048AB
2SA1309AQRS

E | F | G | H | I





E | F | G | H | I

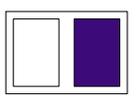


Таблица сигналограмм

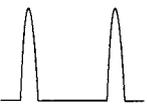
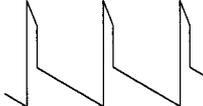
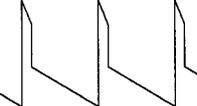
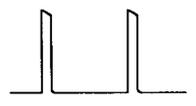
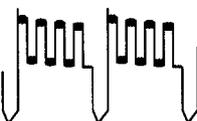
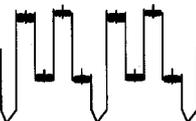
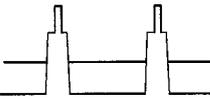
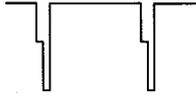
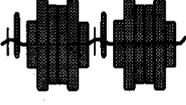
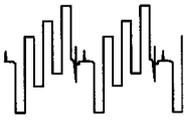
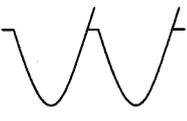
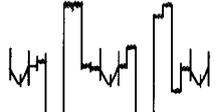
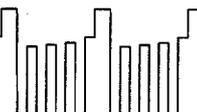
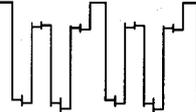
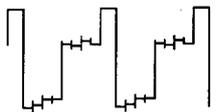
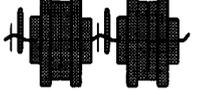
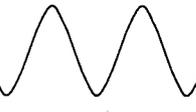
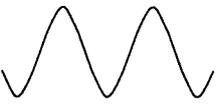
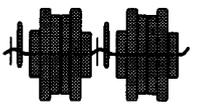
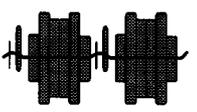
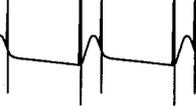
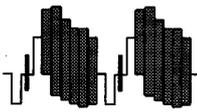
<p>① TPD29, TPD30</p>  <p>32Vp-p(20μsec)</p>	<p>② TPD27, TPD28</p>  <p>1.7Vp-p(5msec)</p>	<p>③ TPD25, TPD26</p>  <p>140Vp-p(20μsec)</p>	<p>④ TPD31, TPD32</p>  <p>68Vp-p(5msec)</p>
<p>⑤ Q551-B</p>  <p>33Vp-p(20μsec)</p>	<p>⑥ IC451-2</p>  <p>68Vp-p(5msec)</p>	<p>⑦ IC451-5</p>  <p>7.8Vp-p(5msec)</p>	<p>⑧ IC451-7</p>  <p>38Vp-p(5msec)</p>
<p>⑨ IC801-1</p>  <p>613Vp-p(5μsec)</p>	<p>⑩ IC602-12</p>  <p>5.8Vp-p(20μsec)</p>	<p>⑪ IC602-14</p>  <p>5.6Vp-p(20μsec)</p>	<p>⑫ IC602-16</p>  <p>5.6Vp-p(20μsec)</p>
<p>⑬ IC601-10</p>  <p>8.0Vp-p(20μsec)</p>	<p>⑭ IC601-16(TPA40)</p>  <p>5.0Vp-p(20μsec)</p>	<p>⑮ IC601-17(TPA41)</p>  <p>5.0Vp-p(20μsec)</p>	<p>⑯ IC601-18(TPA42)</p>  <p>5.0Vp-p(20μsec)</p>
<p>⑰ IC601-64</p>  <p>5.0Vp-p(5msec)</p>	<p>⑱ IC601-63</p>  <p>2.0Vp-p(20μsec)</p>	<p>⑲ IC601-60</p>  <p>1.0Vp-p(20μsec)</p>	<p>⑳ IC601-49, 51</p>  <p>1.1Vp-p(20μsec)</p>
<p>㉑ IC601-35</p>  <p>0.8Vp-p(20μsec)</p>	<p>㉒ IC601-38(TPA38)</p>  <p>0.6Vp-p(20μsec)</p>	<p>㉓ IC601-37(TPA39)</p>  <p>0.7Vp-p(20μsec)</p>	<p>㉔ IC402-4</p>  <p>1.5Vp-p(5msec)</p>
<p>㉕ IC402-6</p>  <p>1.6Vp-p(5msec)</p>	<p>㉖ IC402-8</p>  <p>2.2Vp-p(5msec)</p>	<p>㉗ IC402-15</p>  <p>2.0Vp-p(5msec)</p>	<p>㉘ IC402-14</p>  <p>3.0Vp-p(5msec)</p>

Таблица сигналограмм

<p>②9 IC402-13</p>  <p>4.6Vp-p(5msec)</p>	<p>③0 A44-42</p>  <p>1.0Vp-p(20µsec)</p>	<p>③1 A44-44</p>  <p>0.7Vp-p(20µsec)</p>	<p>③2 A44-46</p>  <p>0.6Vp-p(20µsec)</p>
<p>③3 A44-51</p>  <p>0.6Vp-p(20µsec)</p>	<p>③4 A44-53</p>  <p>0.8Vp-p(20µsec)</p>	<p>③5 A44-15</p>  <p>2.0Vp-p(20µsec)</p>	<p>③6 TPL5</p>  <p>160Vp-p(20µsec)</p>
<p>③7 TPL6</p>  <p>160Vp-p(20µsec)</p>	<p>③8 TPL7</p>  <p>160Vp-p(20µsec)</p>	<p>③9 IC5502-7</p>  <p>2.0Vp-p(20µsec)</p>	<p>④0 IC5503-7</p>  <p>1.8Vp-p(20µsec)</p>
<p>④1 Q3015-C</p>  <p>0.6Vp-p(0.5msec)</p>	<p>④2 Q3016-C</p>  <p>0.6Vp-p(0.5msec)</p>	<p>④3 Q3006-E</p>  <p>2.7Vp-p(20µsec)</p>	<p>④4 IC3001-15</p>  <p>1.2Vp-p(20µsec)</p>
<p>④5 IC3001-21</p>  <p>2.8Vp-p(20µsec)</p>	<p>④6 IC3001-17</p>  <p>2.0Vp-p(20µsec)</p>	<p>④7 IC3001-19</p>  <p>2.0Vp-p(20µsec)</p>	<p>④8 IC3001-20</p>  <p>1.2Vp-p(20µsec)</p>
<p>④9 IC4801-2</p>  <p>2.5Vp-p(20µsec)</p>	<p>⑤0 IC4801-8</p>  <p>2.5Vp-p(20µsec)</p>	<p>⑤1 IC403-2, 5</p>  <p>1.0Vp-p(5msec)</p>	<p>⑤2 TPB15</p>  <p>2.4Vp-p(20µsec)</p>