

Cct Ref	Parts Number	Description		
C2491	ECJ2VB1H333K	CERAMIC	50V	33nF
C2492	ECJ2VB1H333K	CERAMIC	50V	33nF
C2493	ECJ2YB1H823K	CERAMIC	50V	82nF
C2494	ECJ2VB1E563K	CERAMIC	25V	56nF
C2495	ECJ2VB1H103K	CERAMIC	50V	10nF
C2496	ECJ2VC1H470J	CERAMIC	50V	47pF
C2497	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2498	ECJ2VC1H220J	CERAMIC	50V	22pF
C2499	ECJ2VB1H471K	CERAMIC	50V	470pF
C2500	ECQV1H334JL3	FILM	50V	330nF
C2575	TACCN0J105KT	CERAMIC	6.3V	1µF
C2576	TACCN0J105KT	CERAMIC	6.3V	1µF
C2577	TACCN0J105KT	CERAMIC	6.3V	1µF
C2578	TACCN0J105KT	CERAMIC	6.3V	1µF
C2579	TACCN0J105KT	CERAMIC	6.3V	1µF
C2580	ECEA1CKA470	ELECT	16V	47µF
C2590	ECA1CM471GB	ELECT	16V	470µF
C2592	ECJ2YB1H823K	CERAMIC	50V	82nF
C2593	ECJ2VB1E333K	CERAMIC	25V	33nF
C2594	ECJ2YB1H823K	CERAMIC	50V	82nF
C2595	ECJ2VB1E333K	CERAMIC	25V	33nF
C2596	ECJ2VB1H822K	CERAMIC	50V	8.2nF
C2597	ECJ2VB1H822K	CERAMIC	50V	8.2nF
C2602	ECEA1HN010UB	ELECT	50V	1µF
C2603	ECEA1HN010UB	ELECT	50V	1µF
C2604	ECEA1HN010UB	ELECT	50V	1µF
C2610	ECA1CM471GB	ELECT	16V	470µF
C2702	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2703	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2704	ECA1CM471GB	ELECT	16V	470µF
C2707	ECA1CHG471B	ELECT	16V	470µF
C2708	EEUFC1A471B	CERAMIC	10V	470pF
C2711	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2713	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2715	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2716	EEUFC1A471B	CERAMIC	10V	470pF
C2719	ECA1CM471GB	ELECT	16V	470µF
C2720	ECA1CM471GB	ELECT	16V	470µF
C2722	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2723	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2726	ECA1EHG102B	ELECT	25V	1000µF
C2730	ECA1CM471GB	ELECT	16V	470µF
C2731	ECA1CM471GB	ELECT	16V	470µF
C2732	EEUFC1A471B	CERAMIC	10V	470pF
C2733	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2734	ECA1EM471GB	ELECT	25V	470µF
C2737	ECA1CM471GB	ELECT	16V	470µF
C2740	ECA1CM471GB	ELECT	16V	470µF
C2750	TACCN0J105KT	CERAMIC	6.3V	1µF
C2751	TACCN0J105KT	CERAMIC	6.3V	1µF
C3001	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3003	ECEA1CN470	ELECT	16V	47µF
C3006	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3007	ECJ2VB1E473K	CERAMIC	25V	47nF
C3008	ECJ2VB1E473K	CERAMIC	25V	47nF
C3009	ECJ2VB1E473K	CERAMIC	25V	47nF
C3010	ECJ2VB1E473K	CERAMIC	25V	47nF
C3011	ECJ2VB1E473K	CERAMIC	25V	47nF
C3012	ECJ2VB1E473K	CERAMIC	25V	47nF
C3013	TACCN0J105KT	CERAMIC	6.3V	1µF
C3014	TACCN0J105KT	CERAMIC	6.3V	1µF
C3015	TACCN0J105KT	CERAMIC	6.3V	1µF
C3016	TACCN0J105KT	CERAMIC	6.3V	1µF
C3017	TACCN0J105KT	CERAMIC	6.3V	1µF
C3018	ECJ2VB1C104K	CERAMIC	16V	100nF
C3020	TACCN0J105KT	CERAMIC	6.3V	1µF

Cct Ref	Parts Number	Description		
C3021	ECJ2VB1C104K	CERAMIC	16V	100nF
C3024	TACCN0J105KT	CERAMIC	6.3V	1µF
C3026	TACCN0J105KT	CERAMIC	6.3V	1µF
C3027	TACCN0J105KT	CERAMIC	6.3V	1µF
C3028	TACCN0J105KT	CERAMIC	6.3V	1µF
C3029	TACCN0J105KT	CERAMIC	6.3V	1µF
C3032	TACCN0J105KT	CERAMIC	6.3V	1µF
C3033	TACCN0J105KT	CERAMIC	6.3V	1µF
C3034	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3035	ECA1HM101GB	ELECT	50V	100µF
C3043	TACCN0J105KT	CERAMIC	6.3V	1µF
C3044	TACCN0J105KT	CERAMIC	6.3V	1µF
C3045	TACCN0J105KT	CERAMIC	6.3V	1µF
C3046	ECA1HM101GB	ELECT	50V	100µF
C3047	TACCN0J105KT	CERAMIC	6.3V	1µF
C3048	TACCN0J105KT	CERAMIC	6.3V	1µF
C3049	TACCN0J105KT	CERAMIC	6.3V	1µF
C3050	ECA1CM221GB	ELECT	16V	220µF
C3051	TACCN0J105KT	CERAMIC	6.3V	1µF
C3053	ECA1HM100GB	ELECT	50V	10µF
C3054	ECA1HM100GB	ELECT	50V	10µF
C3055	ECEA1HN100UB	ELECT	50V	10µF
C3056	ECEA1HN100UB	ELECT	50V	10µF
C3057	TACCN0J105KT	CERAMIC	6.3V	1µF
C3058	TACCN0J105KT	CERAMIC	6.3V	1µF
C3065	TACCN0J105KT	CERAMIC	6.3V	1µF
C3066	TACCN0J105KT	CERAMIC	6.3V	1µF
C3068	TACCN0J105KT	CERAMIC	6.3V	1µF
C3071	ECJ2VC1H101J	CERAMIC	50V	100pF
C3072	ECJ2VC1H101J	CERAMIC	50V	100pF
C3073	ECJ2VC1H101J	CERAMIC	50V	100pF
C3077	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3078	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3079	ECEA1CN470	ELECT	16V	47µF
C3101	ECQB1H333J	FILM	50V	33nF
C3102	ECQB1H333J	FILM	50V	33nF
C3107	ECKC1H561J	CERAMIC	50V	560pF
C3109	ECKC1H561J	CERAMIC	50V	560pF
C3111	ECKC1H103J	CERAMIC	50V	100µF
C3112	ECJ2VC1H680J	CERAMIC	50V	68pF
C3113	ECA1CM470GB	ELECT	16V	47µF
C3114	ECEA1CKA470	ELECT	16V	47µF
C3115	ECEA1CN470	ELECT	16V	47µF
C3301	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3302	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3303	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3322	ECJ2VC1H471J	CERAMIC	50V	470pF
C3323	ECA1HHG100B	ELECT	50V	10µF
C3324	ECA1HHG100B	ELECT	50V	10µF
C3401	ECJ2VC1H561J	CERAMIC	50V	560pF
C3404	ECJ2VC1H561J	CERAMIC	50V	560pF
C3407	ECJ2VC1H561J	CERAMIC	50V	560pF
C3408	ECJ2VC1H561J	CERAMIC	50V	560pF
C3409	ECJ2VC1H561J	CERAMIC	50V	560pF
C3410	ECJ2VC1H561J	CERAMIC	50V	560pF
C3415	ECJ2VC1H102J	CERAMIC	50V	1nF
C3417	ECJ2VC1H561J	CERAMIC	50V	560pF
C3418	ECJ2VC1H561J	CERAMIC	50V	560pF
C3419	ECJ2VC1H561J	CERAMIC	50V	560pF
C3420	ECJ2VC1H561J	CERAMIC	50V	560pF
C3425	ECJ2VC1H102J	CERAMIC	50V	1nF
C3427	ECJ2VC1H561J	CERAMIC	50V	560pF
C3428	ECJ2VC1H561J	CERAMIC	50V	560pF
C3429	ECJ2VC1H561J	CERAMIC	50V	560pF
C3430	ECJ2VC1H561J	CERAMIC	50V	560pF
C3435	ECJ2VC1H102J	CERAMIC	50V	1nF

Cct Ref	Parts Number	Description		
C3437	ECJ2VC1H561J	CERAMIC	50V	560pF
C3440	ECJ2VC1H561J	CERAMIC	50V	560pF
C3443	ECJ2VC1H561J	CERAMIC	50V	560pF
C3446	ECJ2VC1H561J	CERAMIC	50V	560pF
C3450	ECEA1AKA221B	ELECT	10V	220µF
C3451	ECEA1AKA221B	ELECT	10V	220µF
C3452	ECEA1CKA101	ELECT	16V	100µF
C3453	ECEA1CKA101	ELECT	16V	100µF
C3454	ECJ2VC1H220J	CERAMIC	50V	22pF
C3455	ECJ2VC1H220J	CERAMIC	50V	22pF
C3456	ECJ2VC1H220J	CERAMIC	50V	22pF
C3457	ECJ2VC1H221J	CERAMIC	50V	220pF
C3458	ECJ2VC1H221J	CERAMIC	50V	220pF
C3459	ECJ2VC1H221J	CERAMIC	50V	220pF
C4801	ECA1HM101GB	ELECT	50V	100µF
C4802	ECJ2VF1C104Z	CERAMIC	16V	470nF
C4803	ECQV1H334JL3	FILM	50V	330nF
C4804	ECQV1H334JL3	FILM	50V	330nF
C4805	ECJ2VF1C104Z	CERAMIC	16V	470nF
C4806	ECJ2VB1H103K	CERAMIC	50V	10nF
C4807	ECA1HM4R7GB	ELECT	50V	4.7µF
C4808	ECA1HM4R7GB	ELECT	50V	4.7µF
C4809	ECJ2VB1H103K	CERAMIC	50V	10nF
TERMINALS AND LINKS				
JK2402	TORX178B	OPTICAL CONNECTOR		
JK2403	TJS59034	COAXIAL TERMINAL		
JK3401	0350536400	SCART SOCKET		
JK3402	0350536400	SCART SOCKET		
JK3403	0350536400	SCART SOCKET		
JK3405	TJB8E015	RCA TERMINAL(3P)		
JK3406	TJB8E015	RCA TERMINAL(3P)		
R868	TSF19252	FS LINK		△
R874	TSF19402	FS LINK		△
R2405	TSF19252	FS LINK		△
R2419	TSF19402	FS LINK		△
R2420	TSF19252	FS LINK		△
SWITCHES				
S840	ESB92S11B	SWITCH		△
S1003	EVQ23405R	SWITCH		
S1004	EVQ23405R	SWITCH		
S1005	EVQ23405R	SWITCH		
S1006	EVQ23405R	SWITCH		
S1007	EVQ23405R	SWITCH		
RELAYS				
RL801	K6B1ADA00010	RELAY		△
RL802	K6B2ADA00004	RELAY		△


Cct Ref	Parts Number	Description
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SCHEMATIC DIAGRAMS FOR MODEL

TX-32PG50

(EURO-7 CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

NOTE

1. RESISTOR

All resistors are carbon 1/4W resistor, unless marked otherwise.

Unit of resistance is OHM (Ω) (k=1,000, M=1,000,000)

2. CAPACITORS


All capacitors are ceramic 50V unless marked otherwise.

Unit of capacitance is μ F unless otherwise stated.


3. COIL

Unit of inductance is μ H, unless otherwise stated.

4. TEST POINT

 Test Point Position

5. EARTH SYMBOL

 Chassis Earth (Cold)

 Line Earth (Hot)

6. VOLTAGE MEASUREMENT

Voltage is measured by a d.c. voltmeter.


Measurement conditions are as follows:


Power source a.c. 220V-240V, 50Hz

Receiving Signal Colour Bar signal (RF)

All customer controls Maximum position

7.

 Indicates the Video signal path

 Indicates the Audio signal path

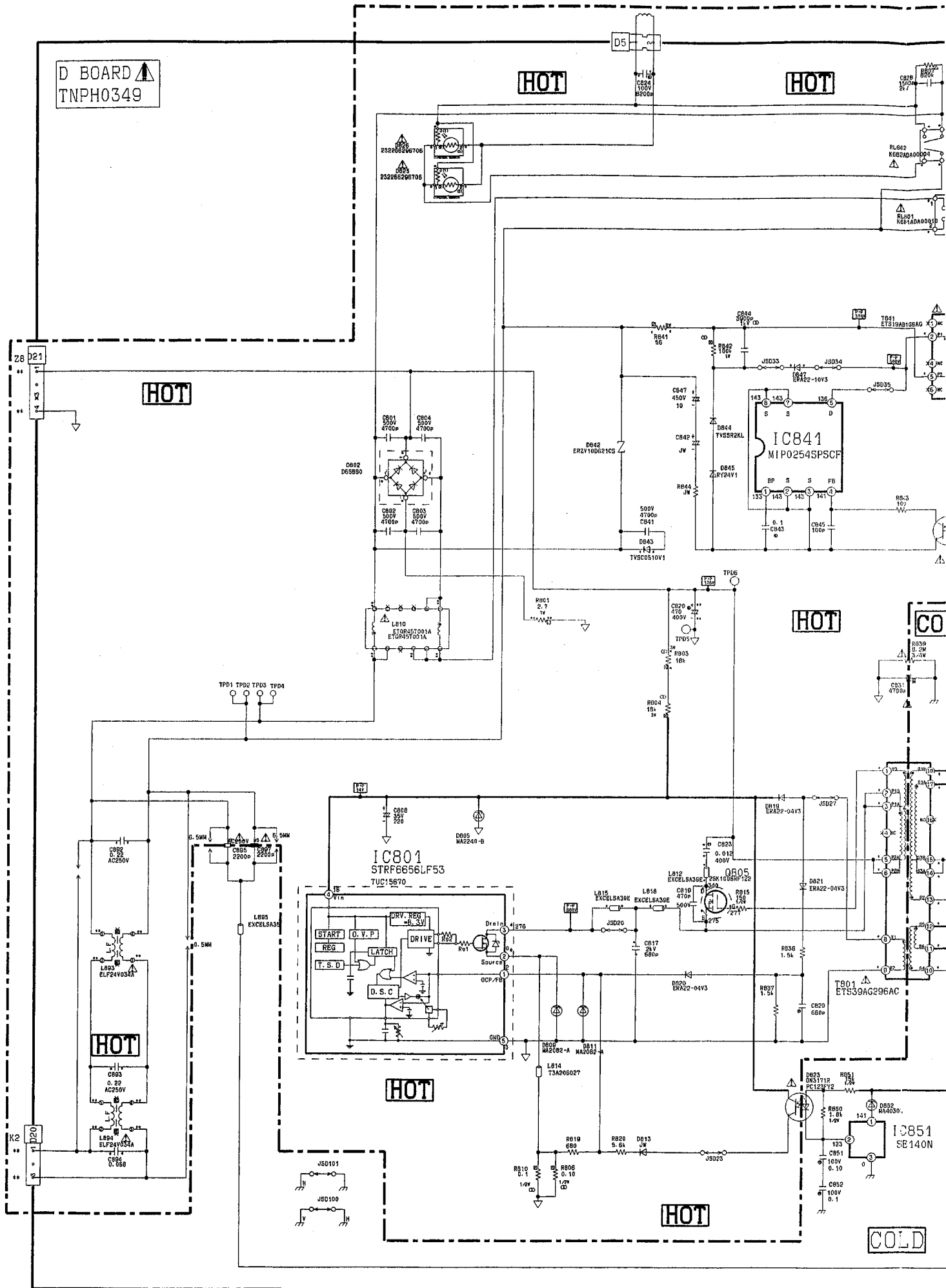
These schematic diagrams are the latest at time of printing and are subject to change without notice.

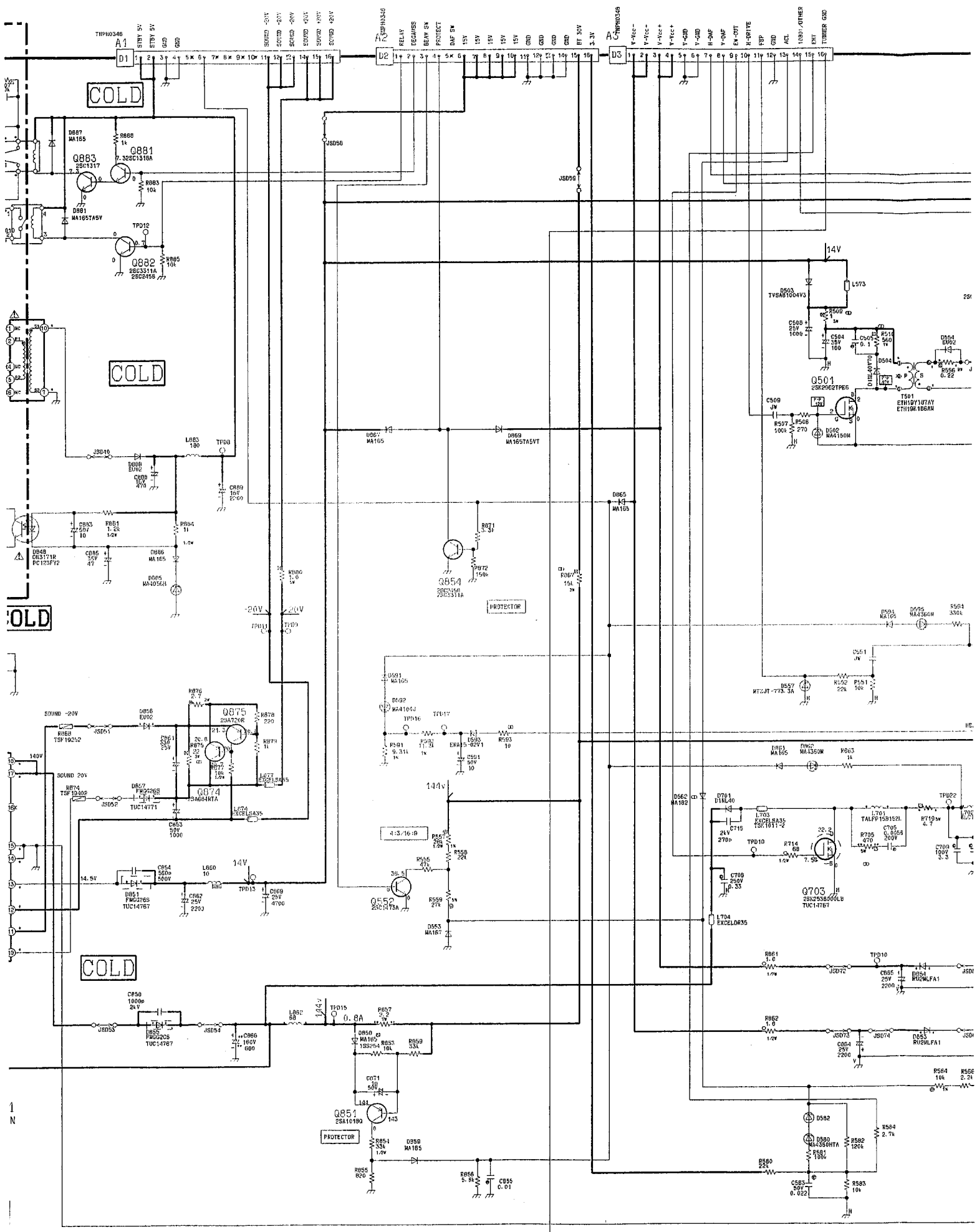
REMARKS

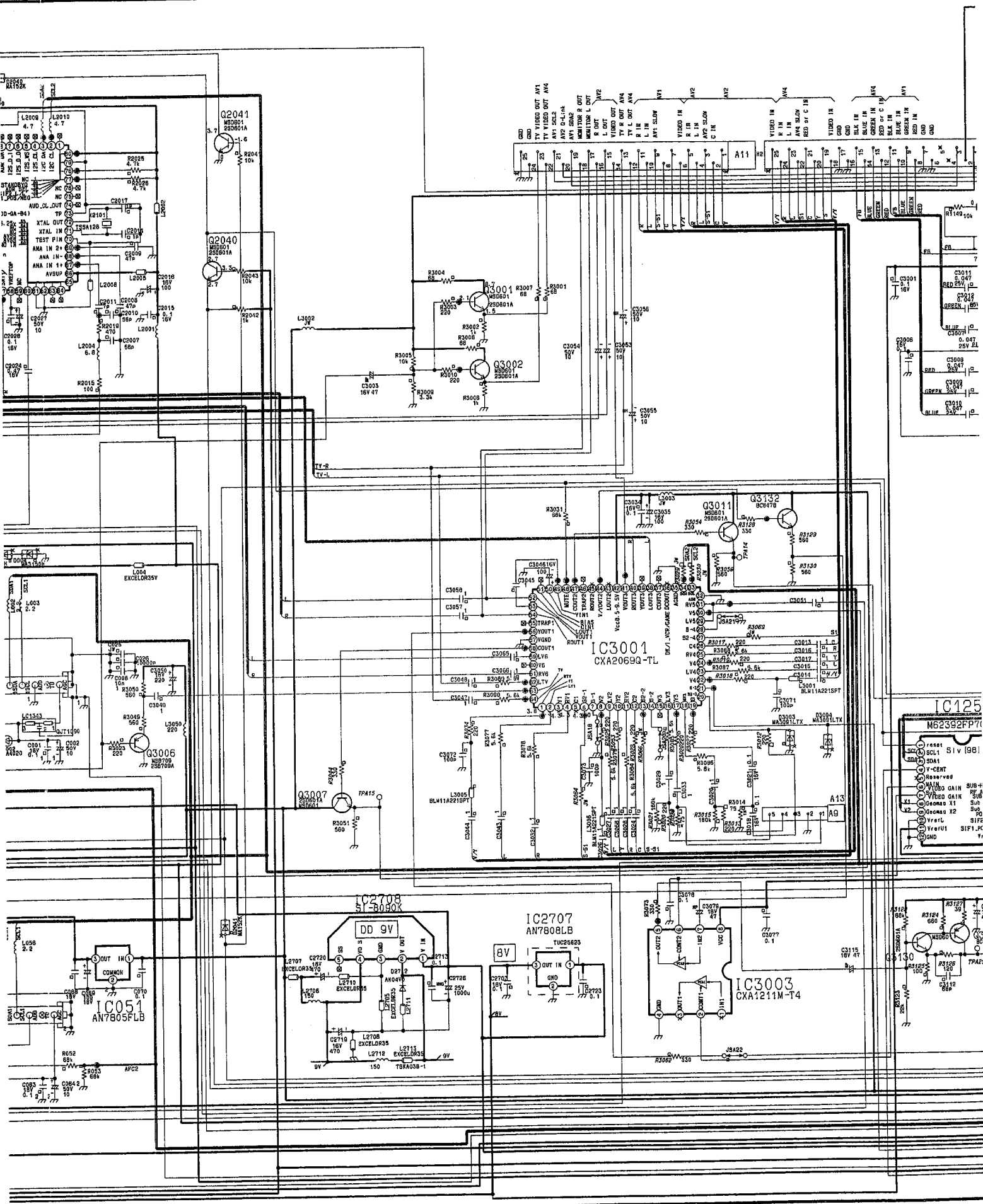
- Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- Do not short circuit the hot and cold circuits as electrical components may be damaged.
- Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- Make sure to disconnect the power plug before removing the chassis.

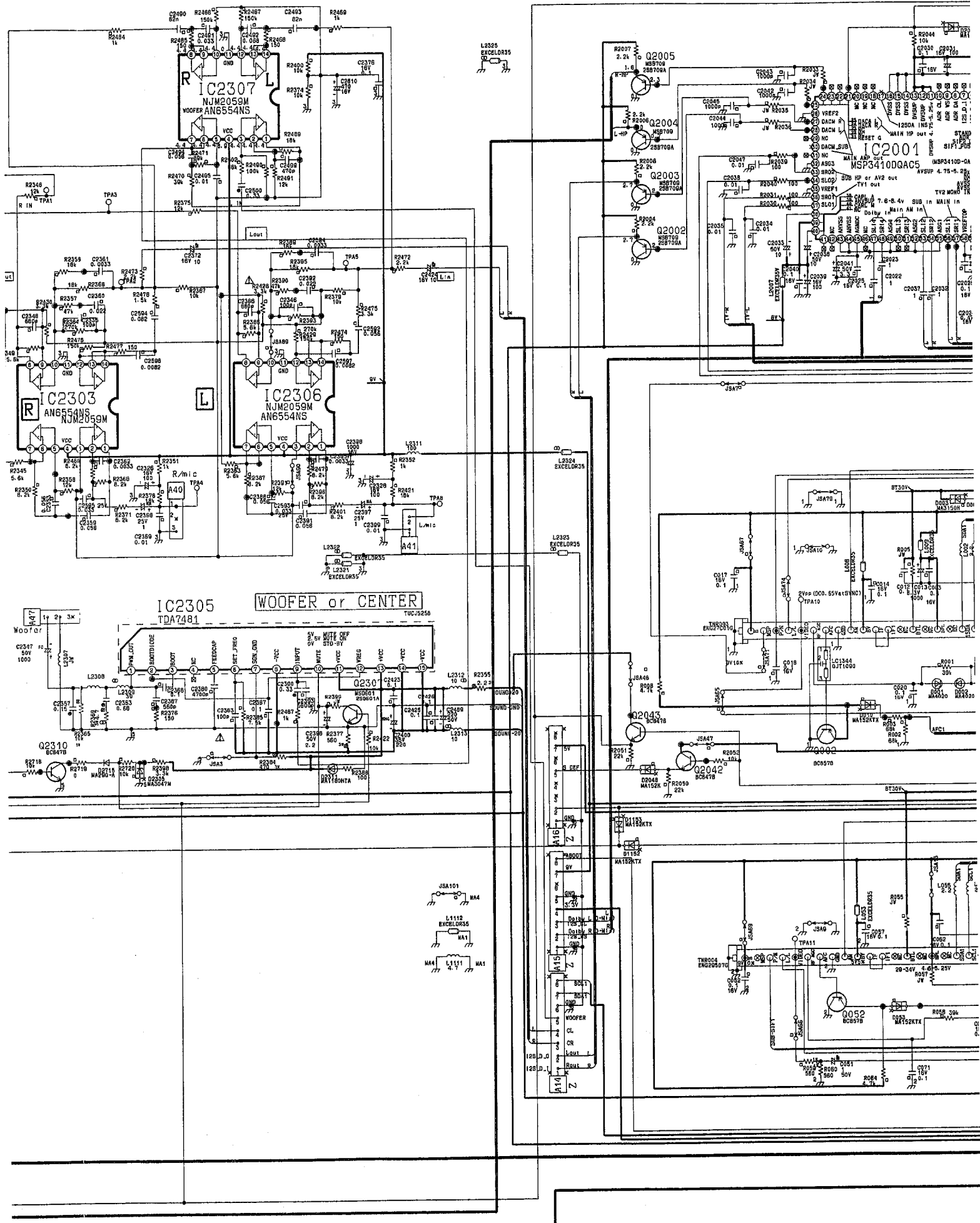
NOTE

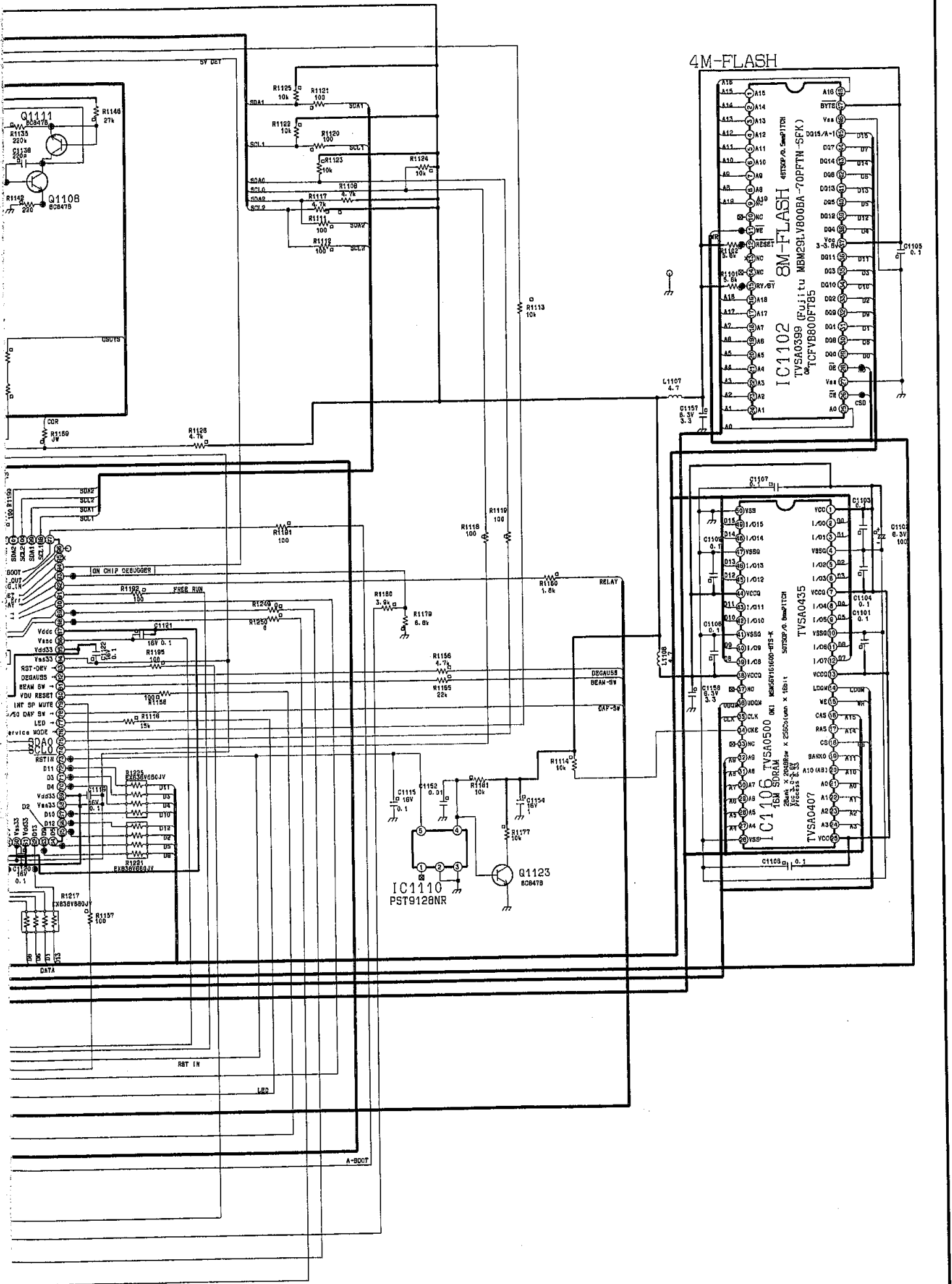
- The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.



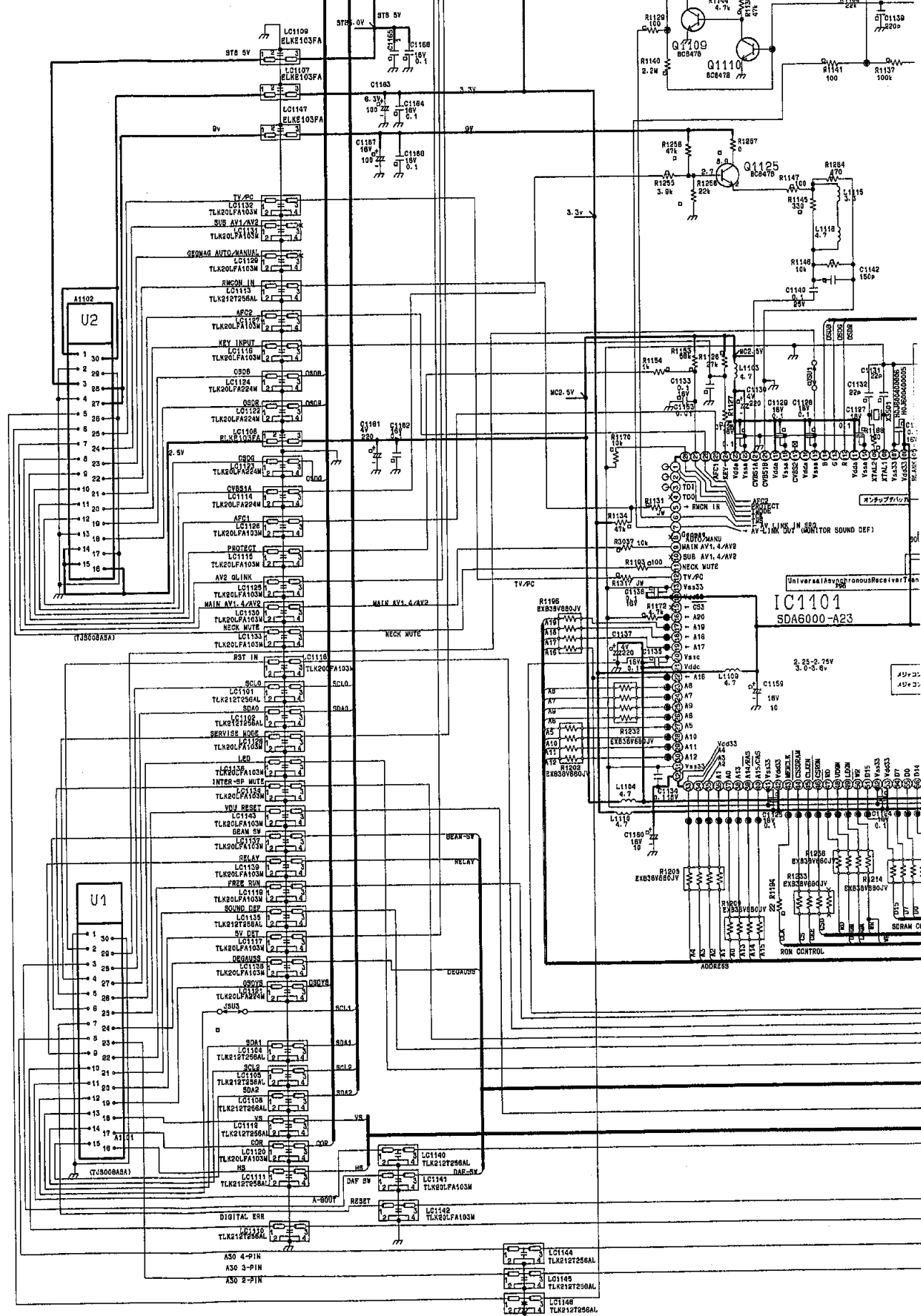








U BOARD
TNPA2042



IC1101
SDA6000-A23

2.25-2.75V
3.0-3.6V

ROM CONTROL

ADDRESS

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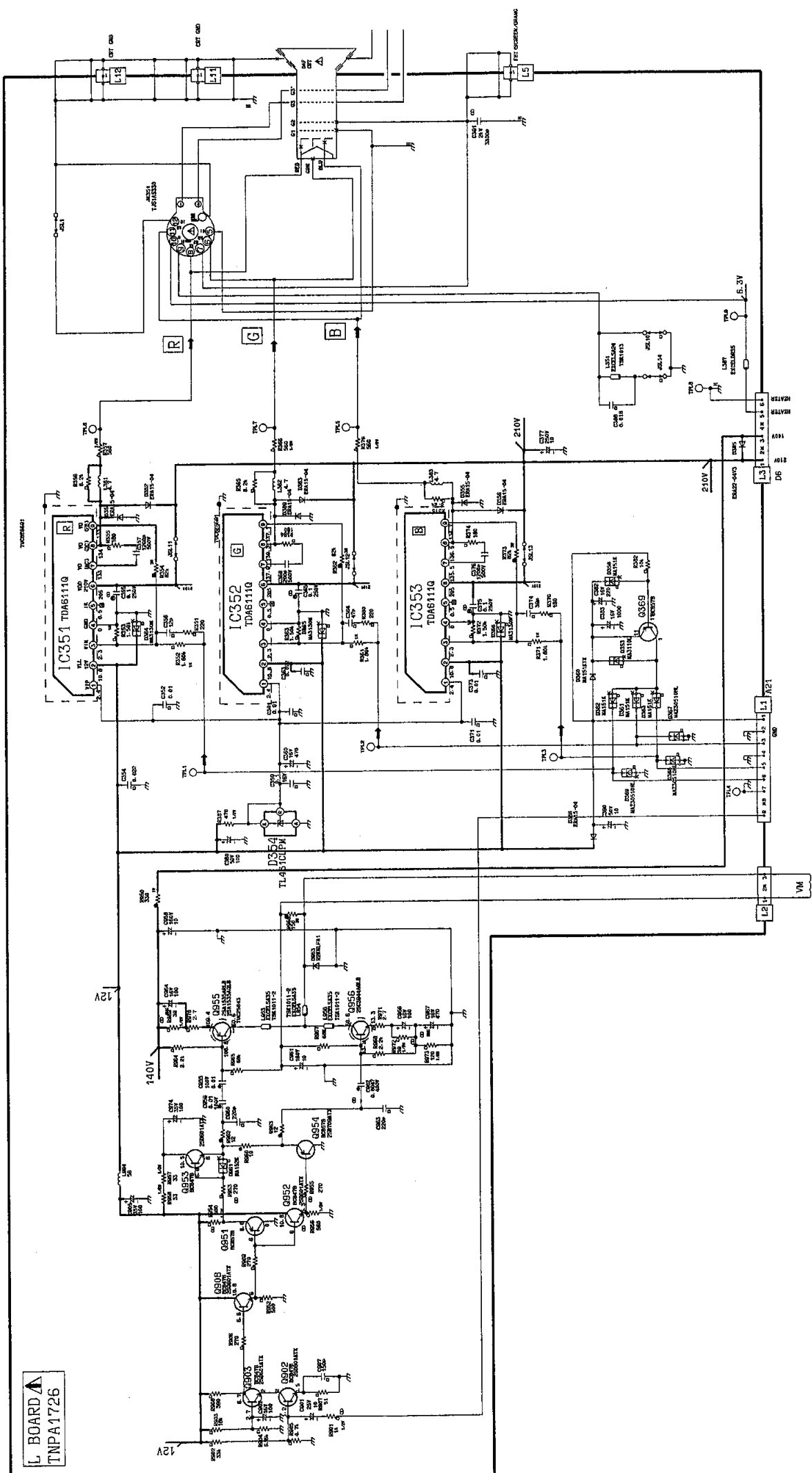
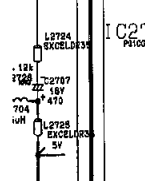
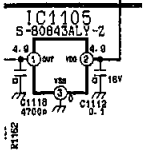
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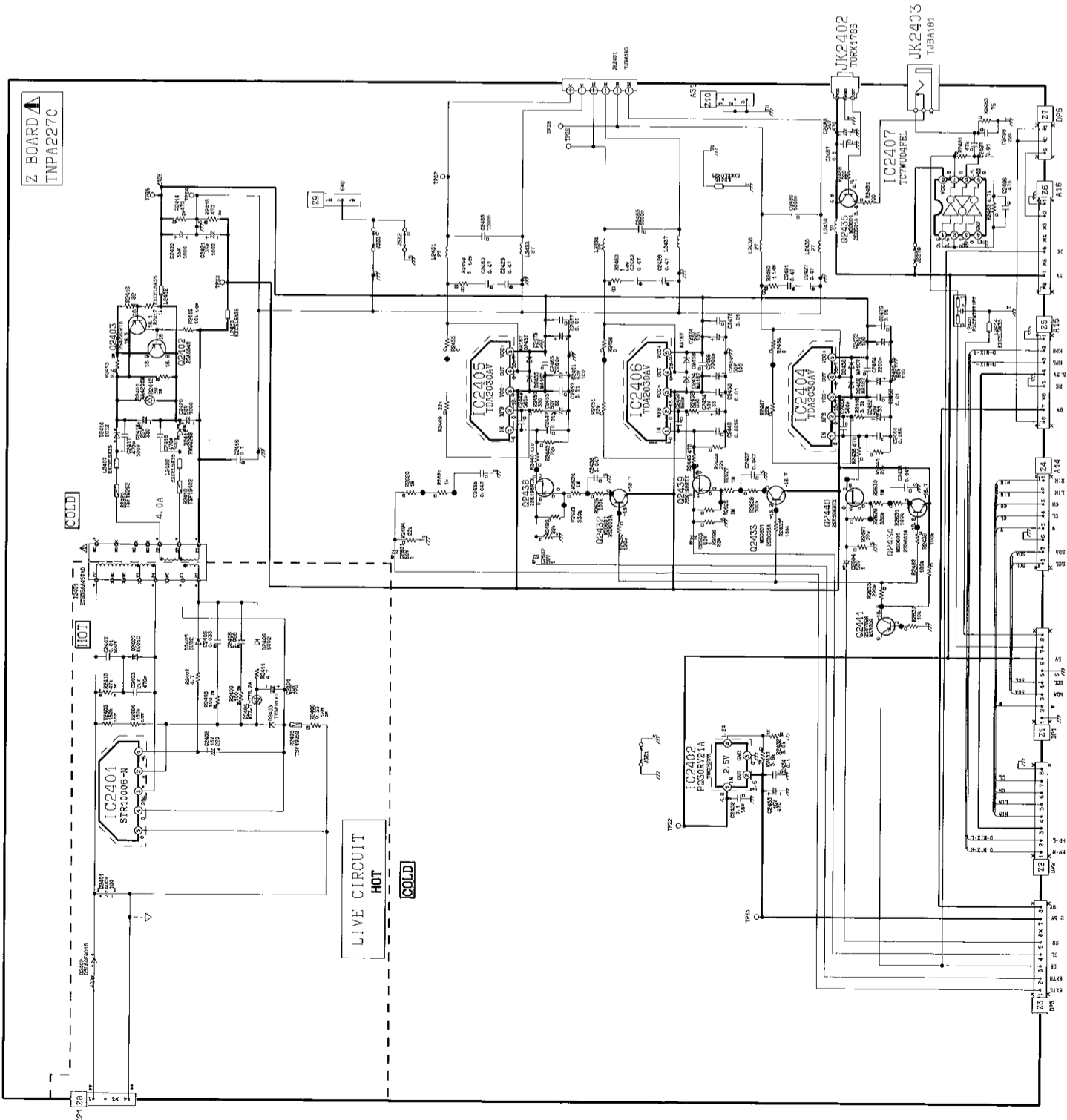
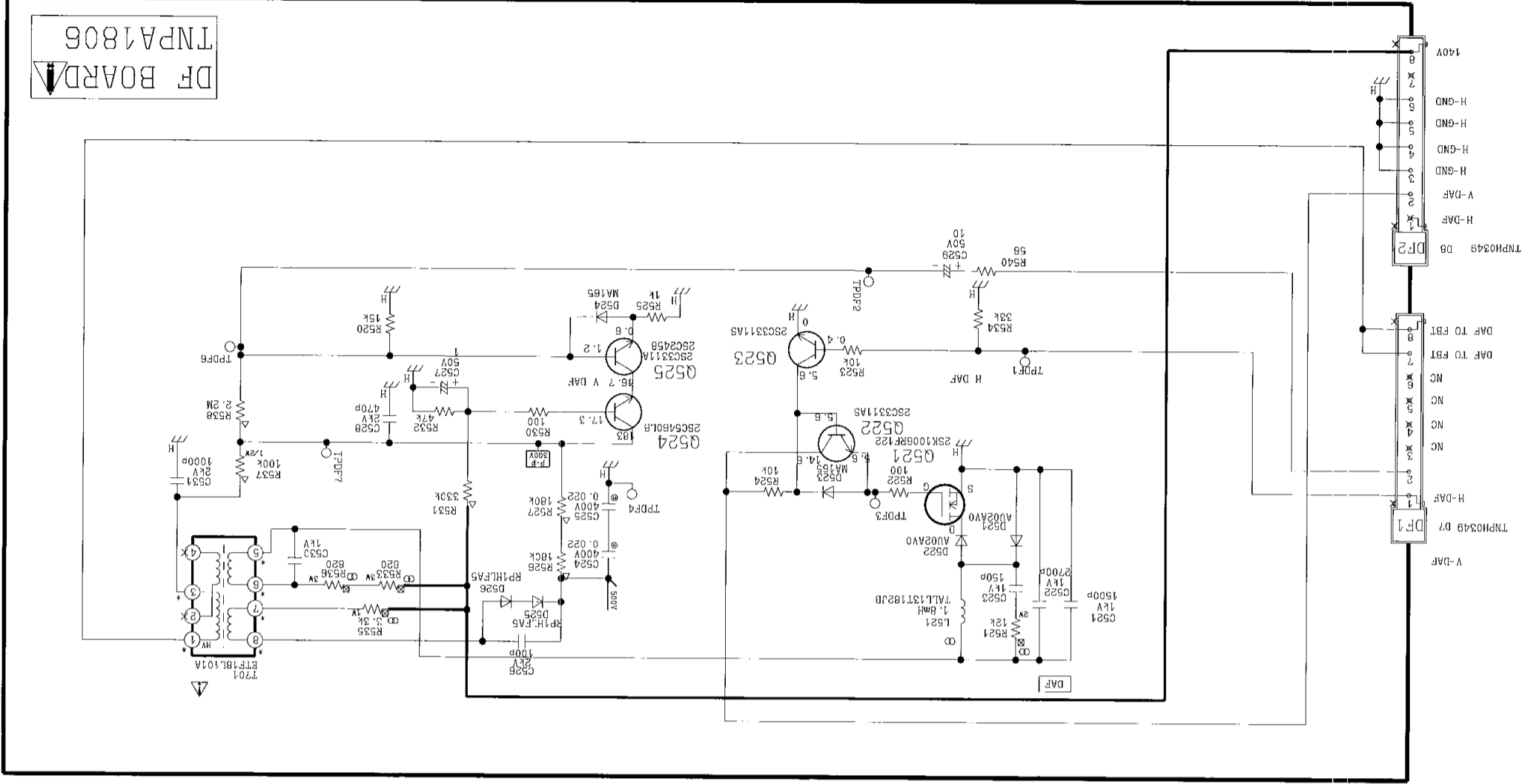
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L BOARD
TNPA1726



DG-BOARD

THIS BOARD IS NOT TO BE REPAIRED,
AND MUST BE REPLACED WITH AN EXCHANGE UNIT

DP-BOARD

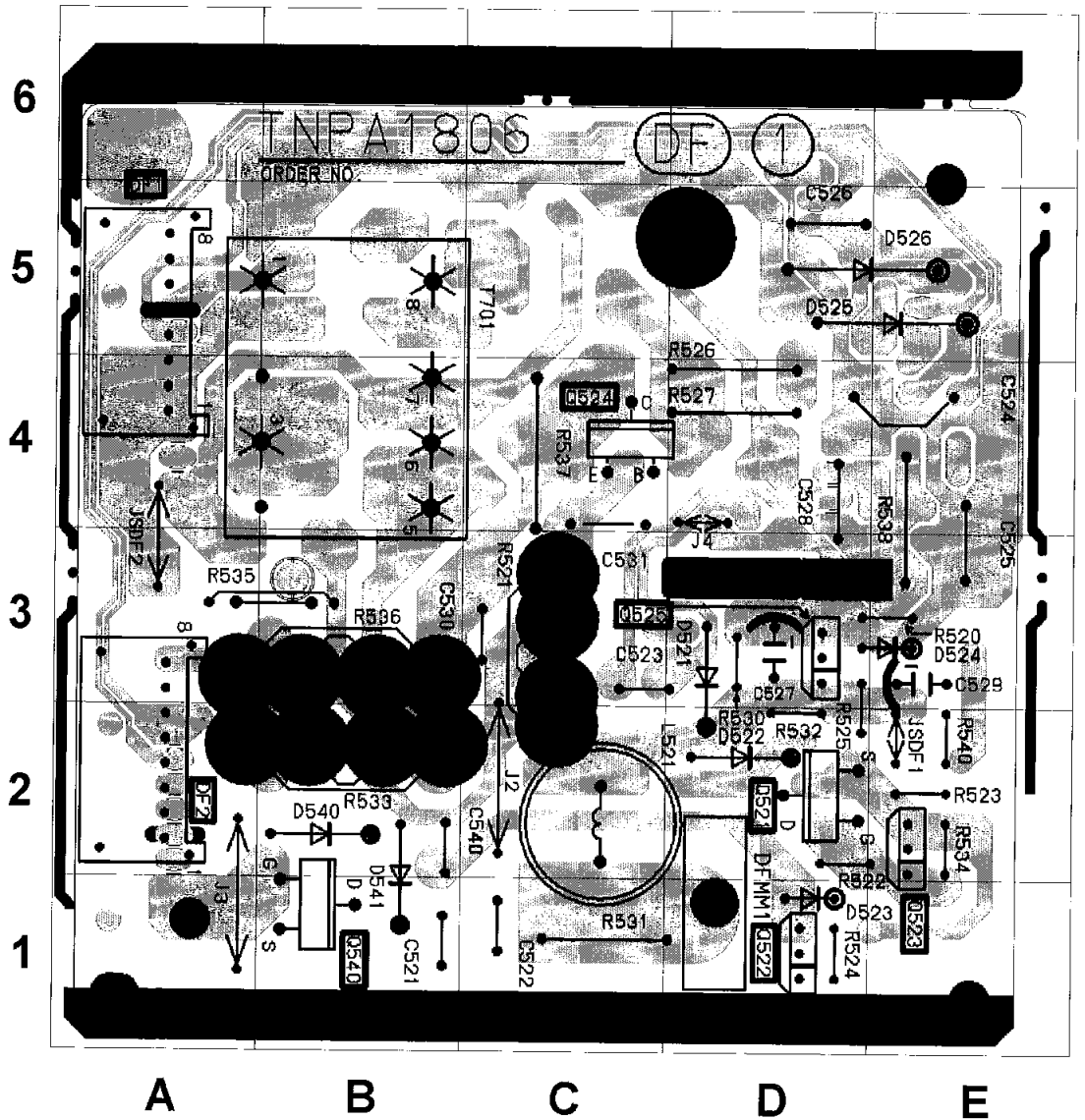
THIS BOARD IS NOT TO BE REPAIRED,
AND MUST BE REPLACED WITH AN EXCHANGE UNIT

CONDUCTOR VIEWS

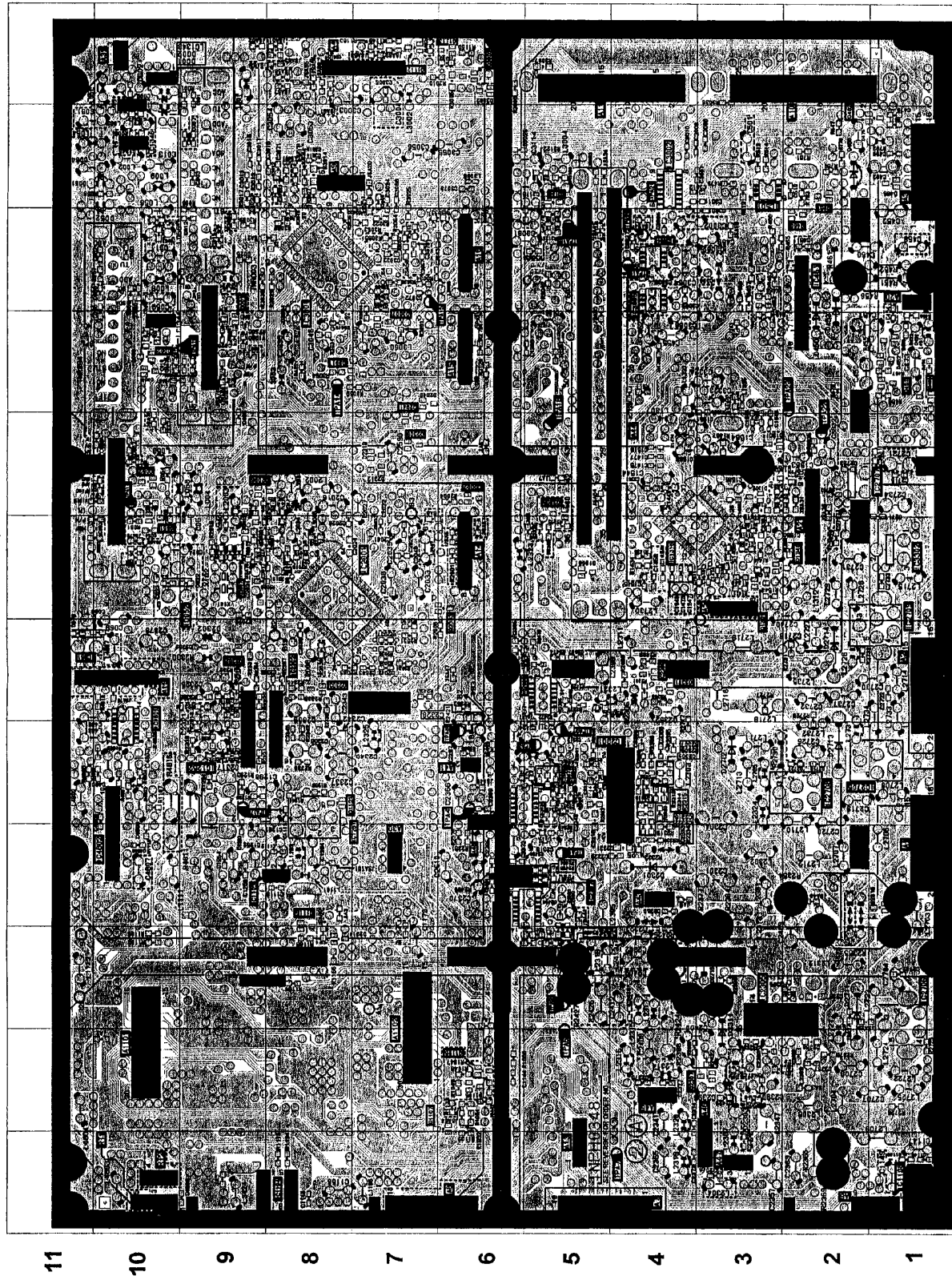
DF – BOARD TNPA1806

DIODES	
D521	D3
D522	D2
D523	D1
D524	E3
D525	D5
D526	E5
D540	B2
D541	B1

TRANS	
Q521	D2
Q522	D1
Q523	E1
Q524	C4
Q525	C3
Q540	B1



A - BOARD TNPH0348



TRANS	I.C.'S
Q001	J9 IC051 I10
Q002	J9 IC052 E9
Q051	G10 IC451 J2
Q052	H10 IC501 J2
Q451	H11 IC1104 A8
Q453	I1 IC1105 D9
Q460	J2 IC1108 A1
Q461	K2 IC1251 D7
Q462	K2 IC1252 E9
Q1106	B6 IC1315 G3
Q1107	B7 IC2001 G7
Q1112	K7 IC2301 E4
Q1113	C6 IC2302 F8
Q1115	D8 IC2305 C3
Q1121	E7 IC2306 I5
Q1301	G2 IC2307 D5
Q1340	G2 IC2425 B3
Q2002	G6 IC2705 E1
Q2003	G6 IC2708 E2
Q2005	H9 IC2709 G1
Q2041	I7 IC3001 I8
Q2301	F4 IC3002 K4
Q2302	F9 IC3004 J4
Q2303	F8 IC3005 J4
Q2306	G5 IC3302 G1
Q2307	B3 IC4801 F9
Q2308	H7 IC4802 D10
Q2309	F4
Q3002	L6 DIODES
Q3011	I8 D001 L9
Q3130	K5 D002 L9
	D003 I10
	D052 J10
TPA1	D5 D450 I2
TPA2	C5 D454 I2
TPA3	E6 D1308 G5
TPA4	E6 D2027 H7
TPA5	E4 D2040 I7
TPA6	B5 D2301 D4
TPA7	A5 D2302 F9
TPA8	E6 D2303 B3
TPA10	I6 D2311 C3
TPA11	H10 D2312 H7
TPA14	I8 D2313 H7
TPA15	J6 D2314 C7
TPA16	J6 D2316 D1
TPA17	E9 D2711 C2
TPA18	I5 D2714 F2
TPA19	J4 D2715 C3
TPA20	J4 D3002 L6
TPA21	K4 D3007 J6
TPA22	H2
TPA23	I2

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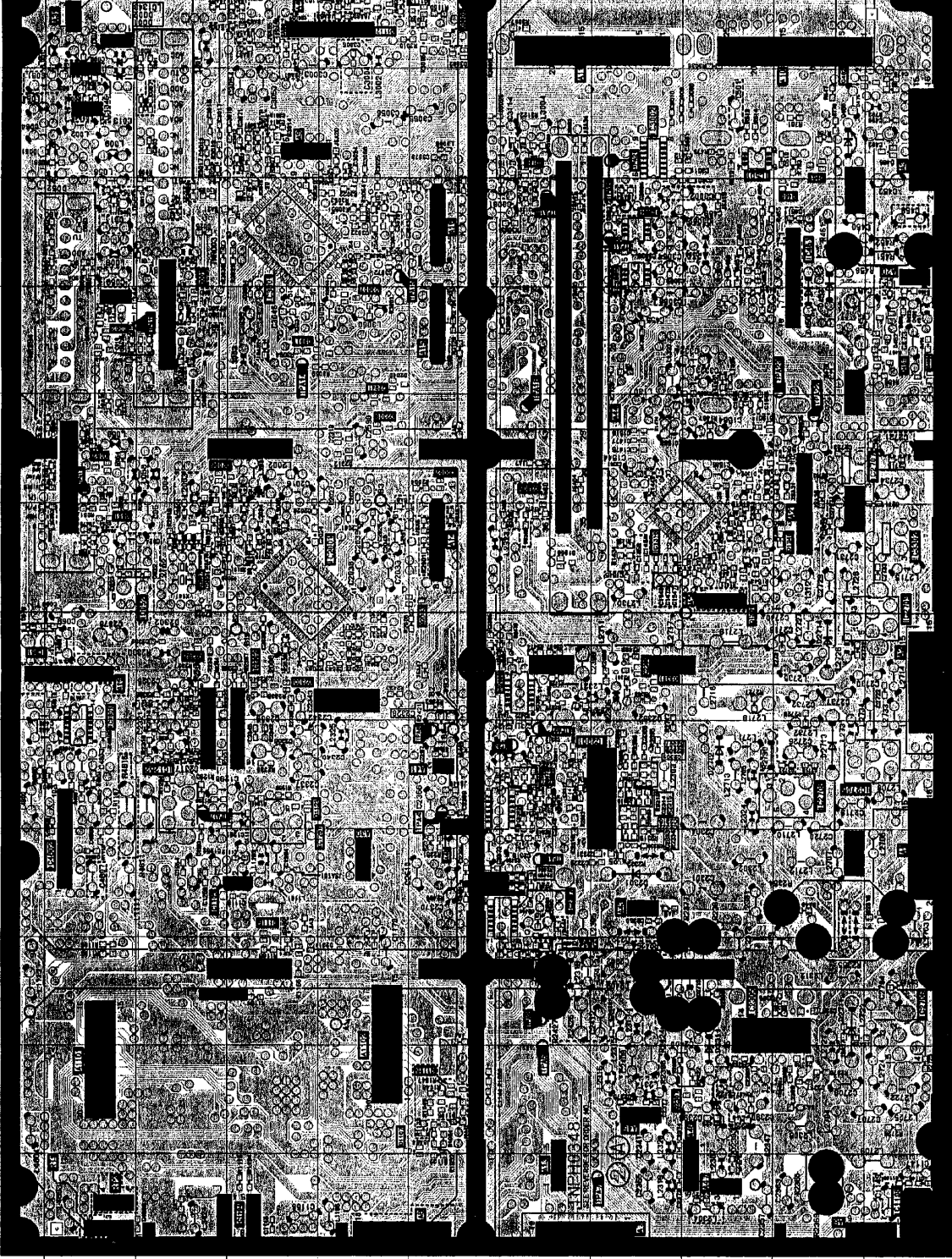
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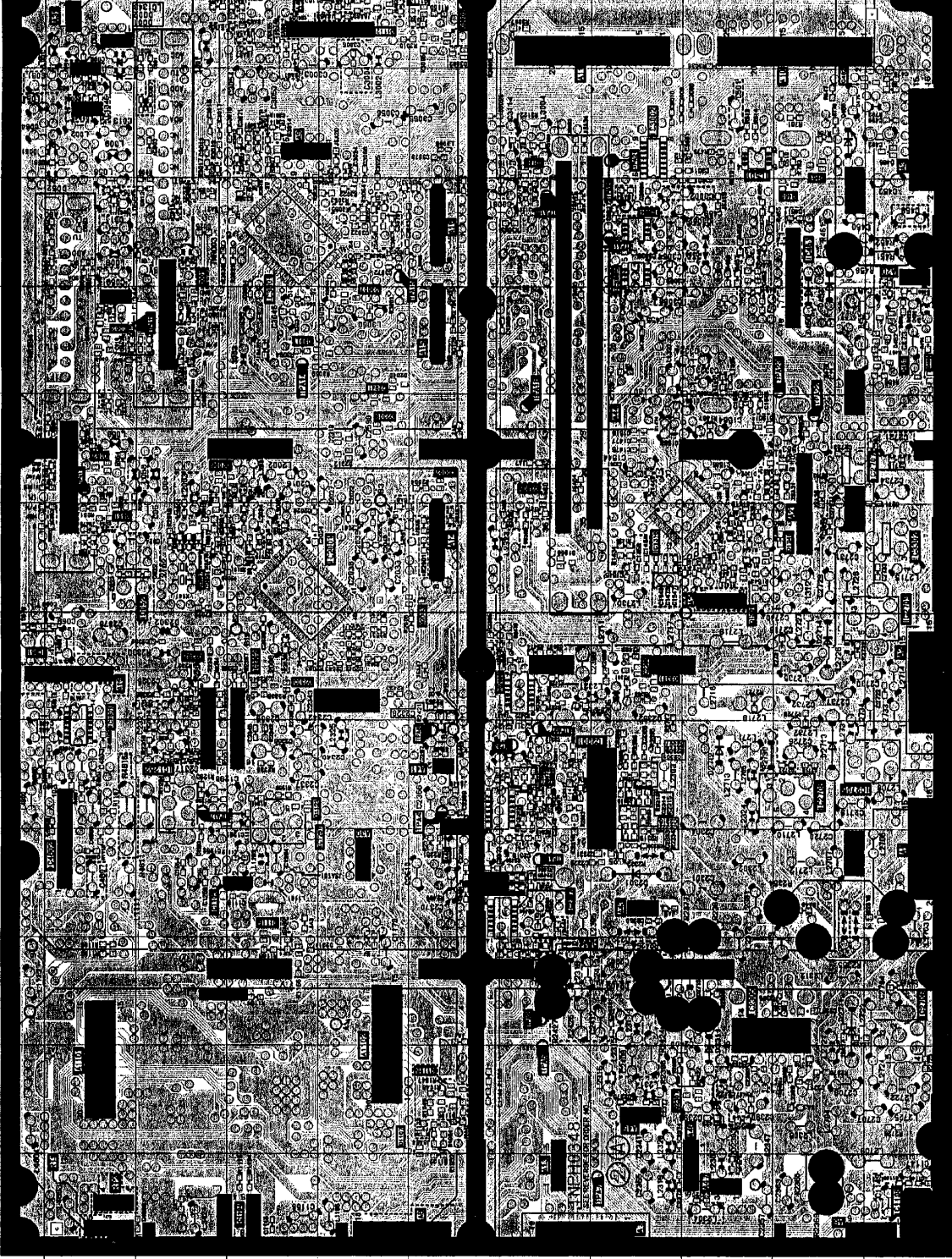
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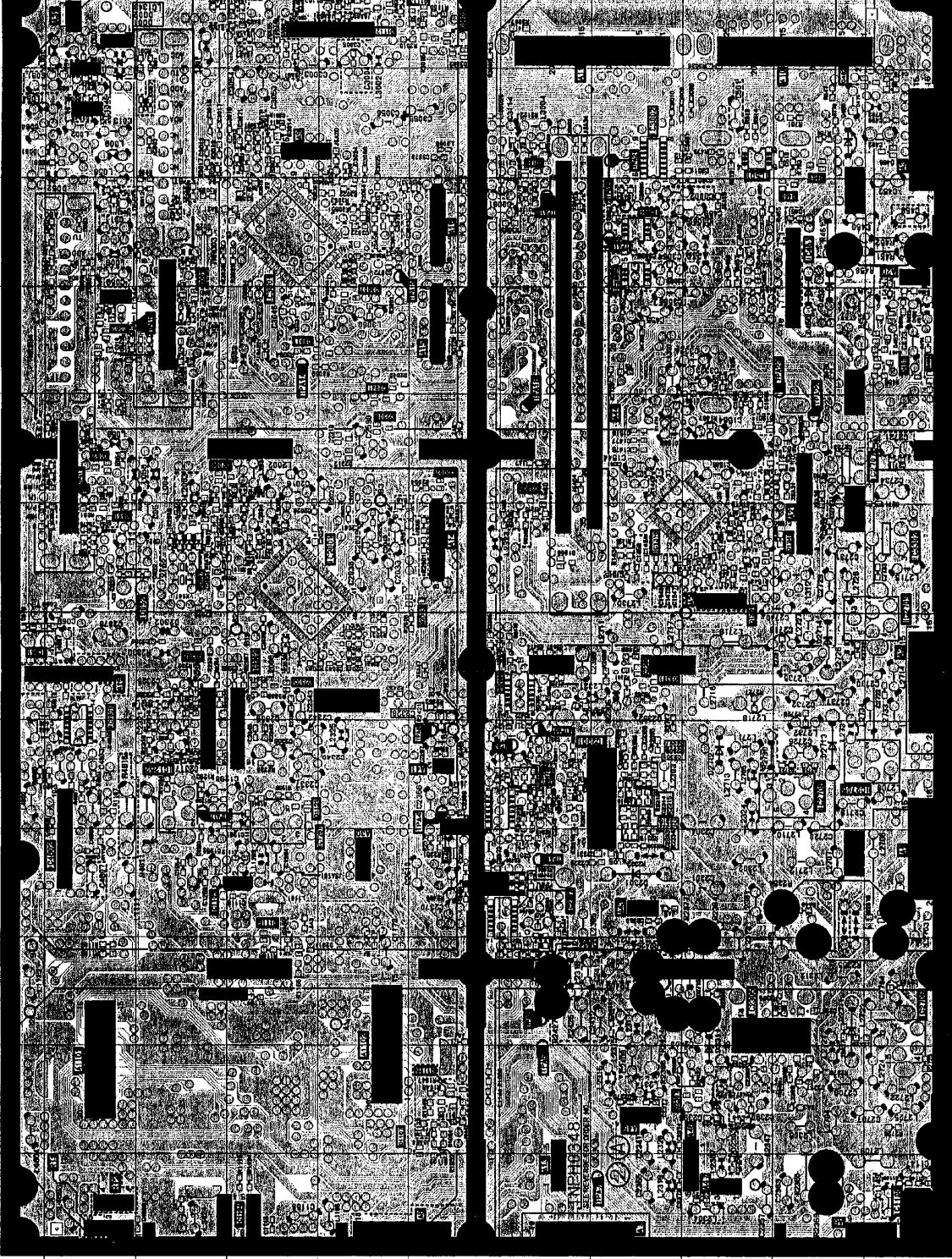
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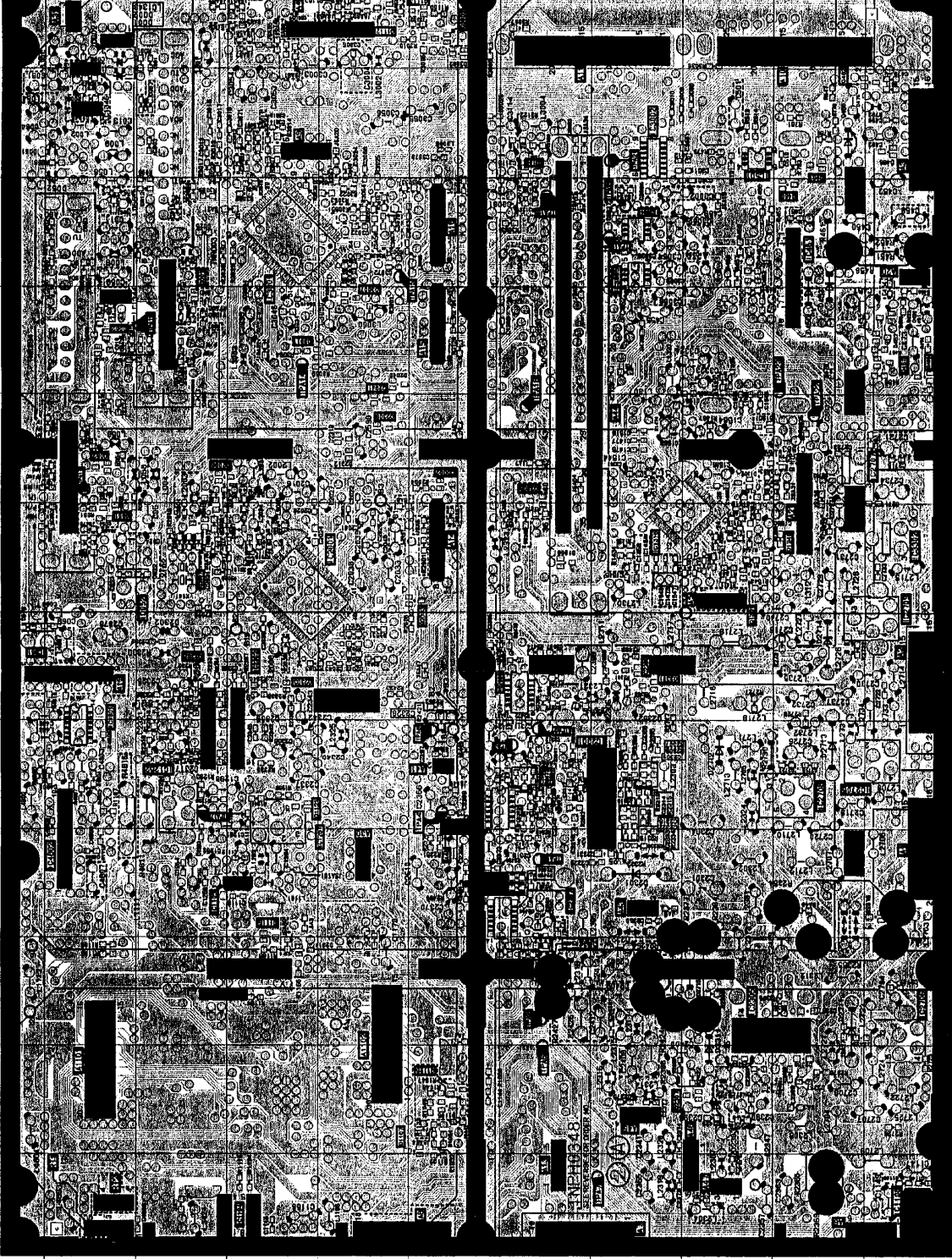
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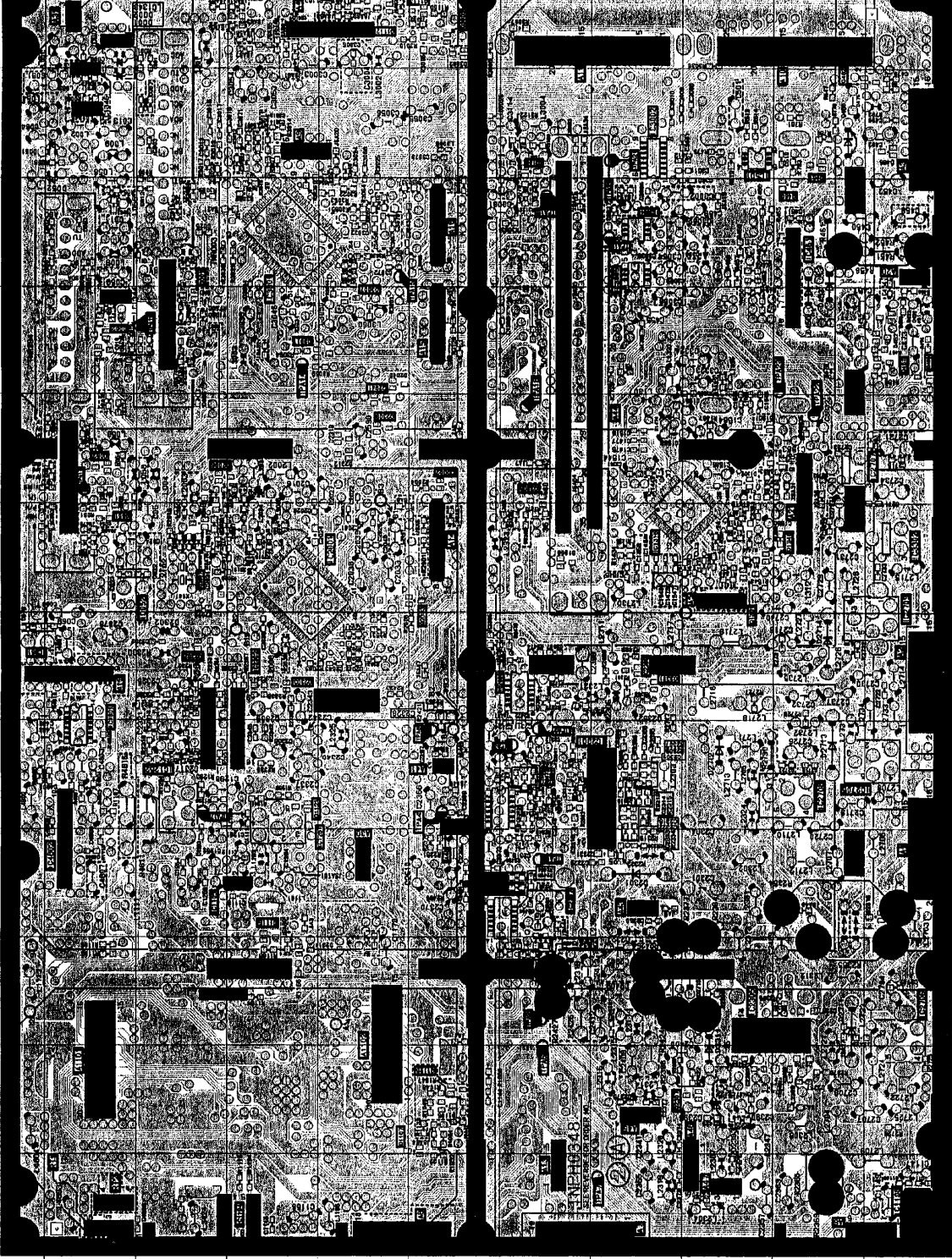
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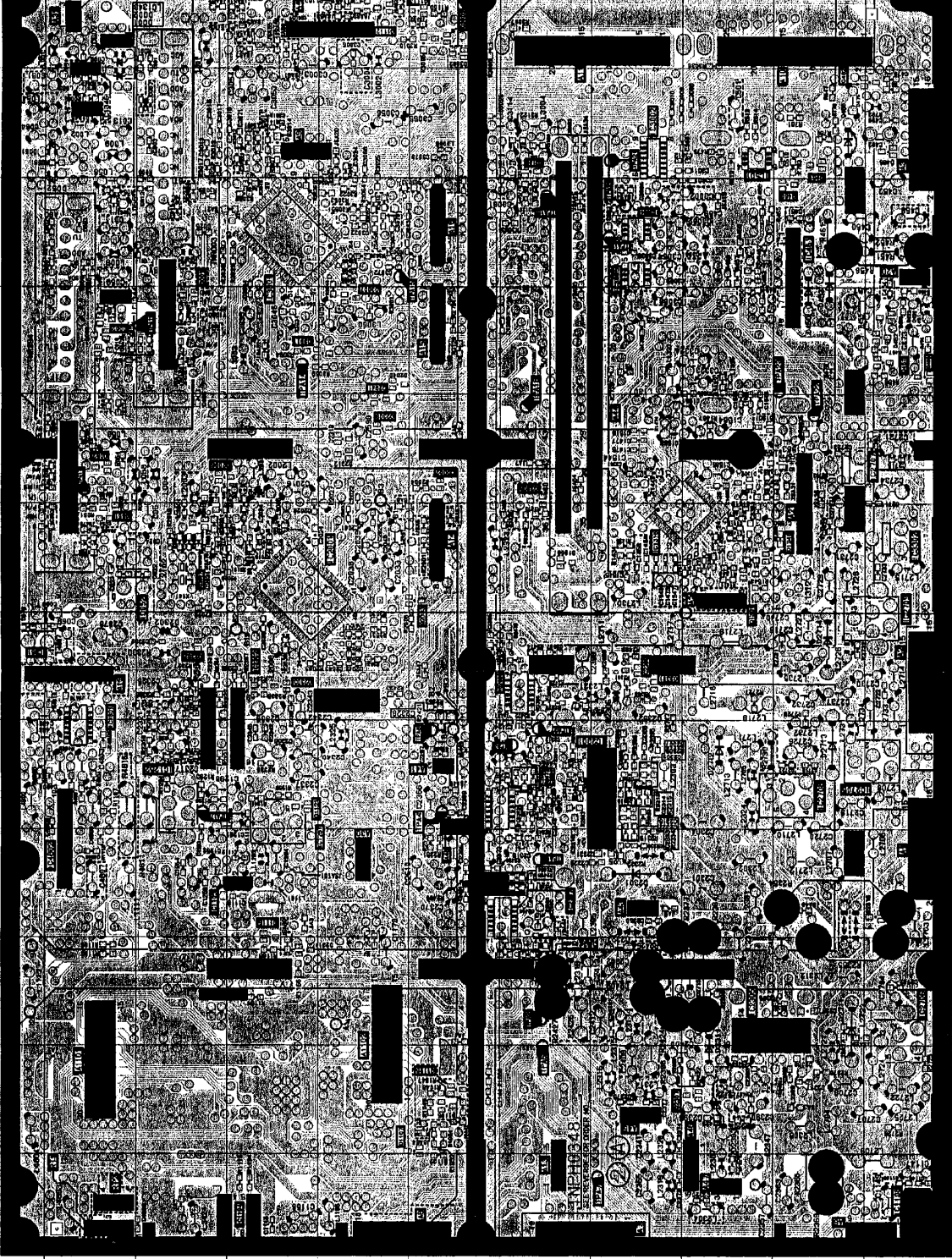
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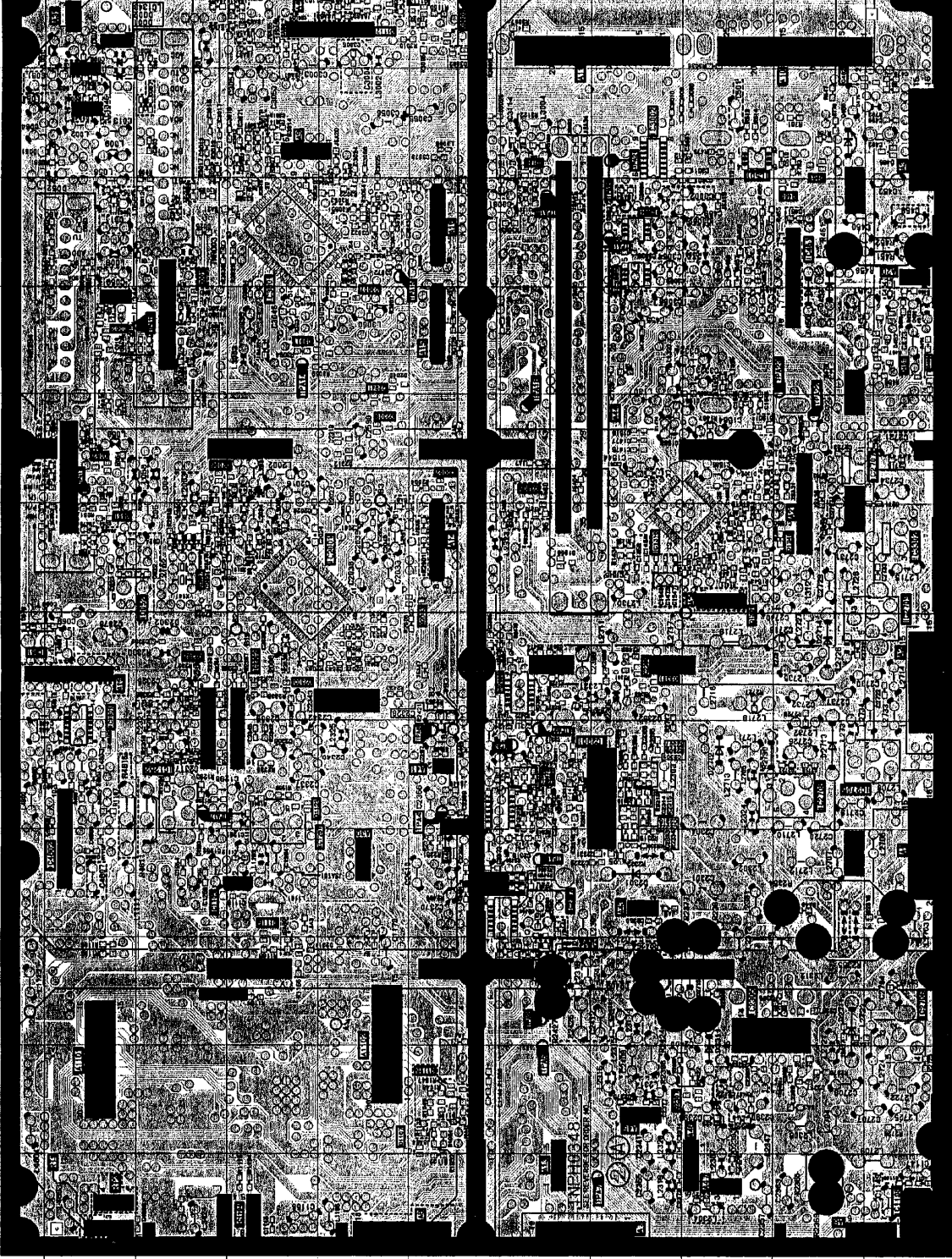
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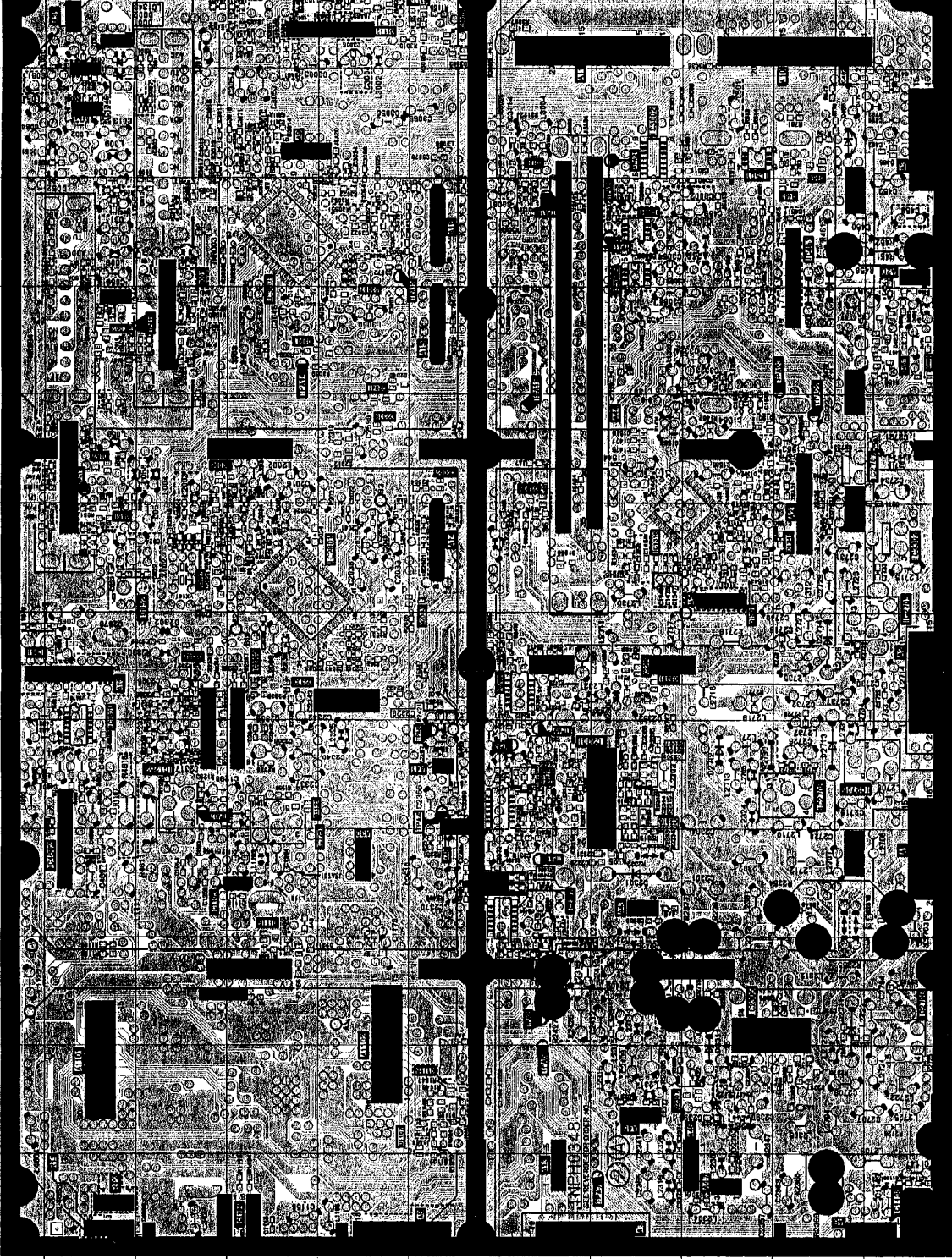
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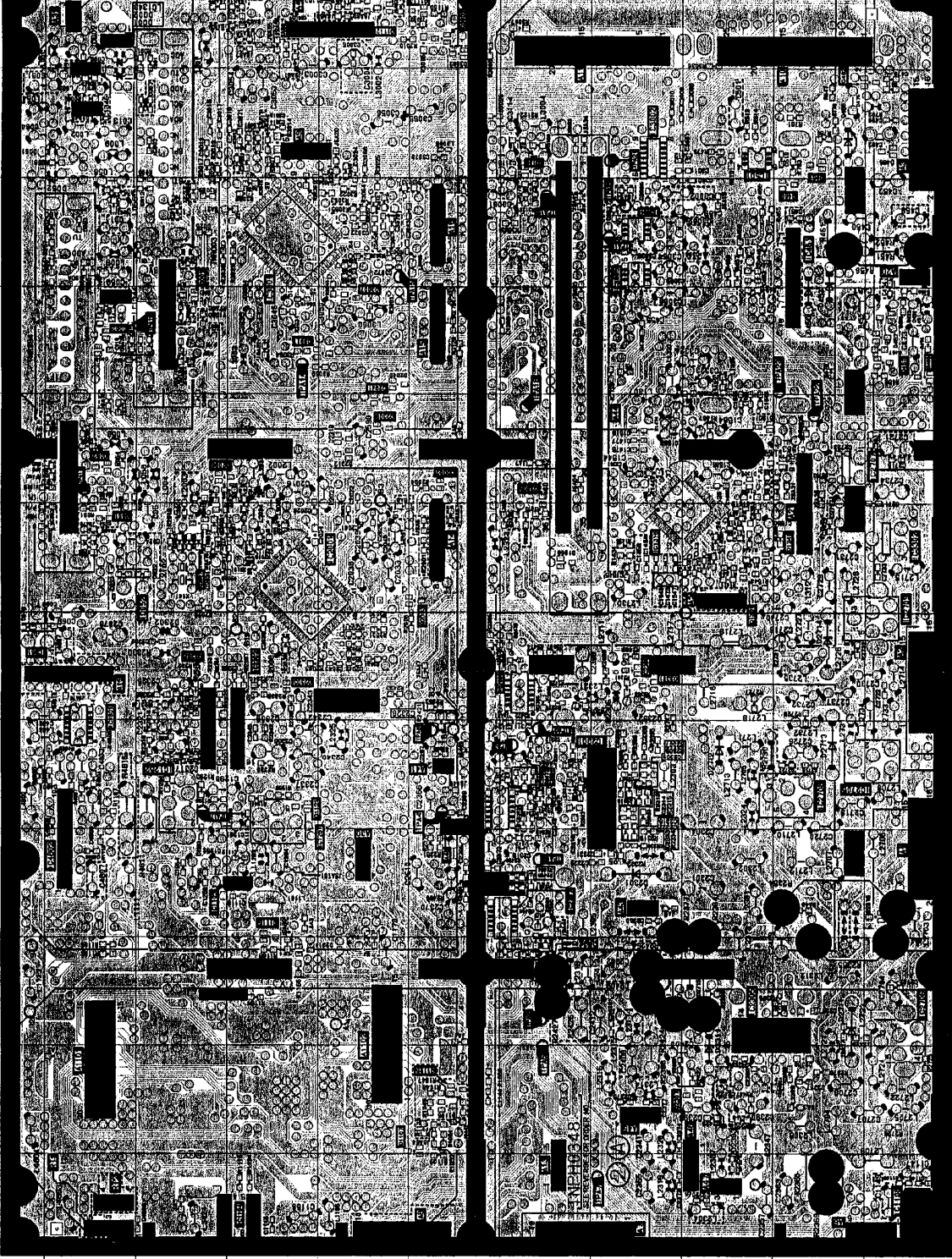
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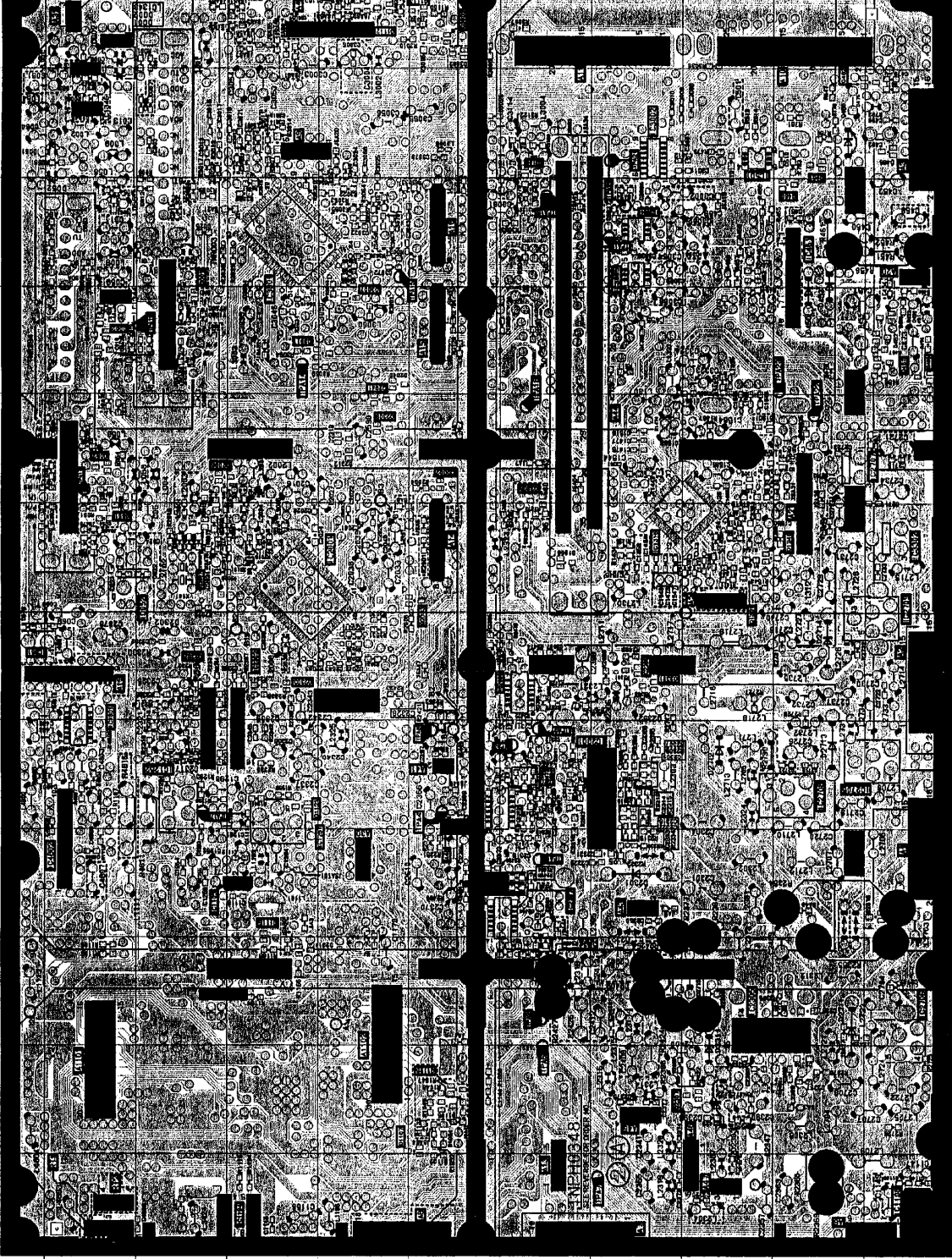
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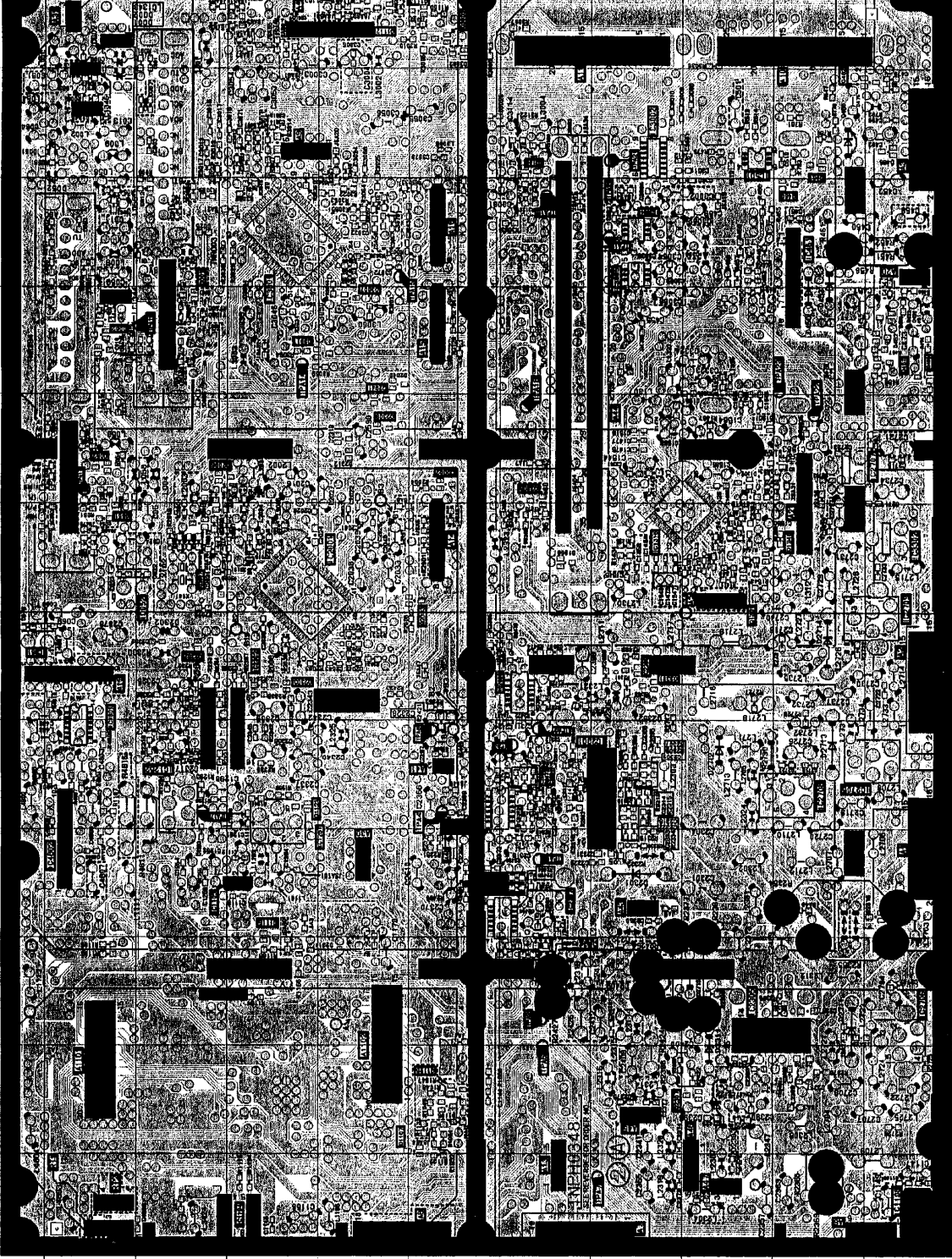
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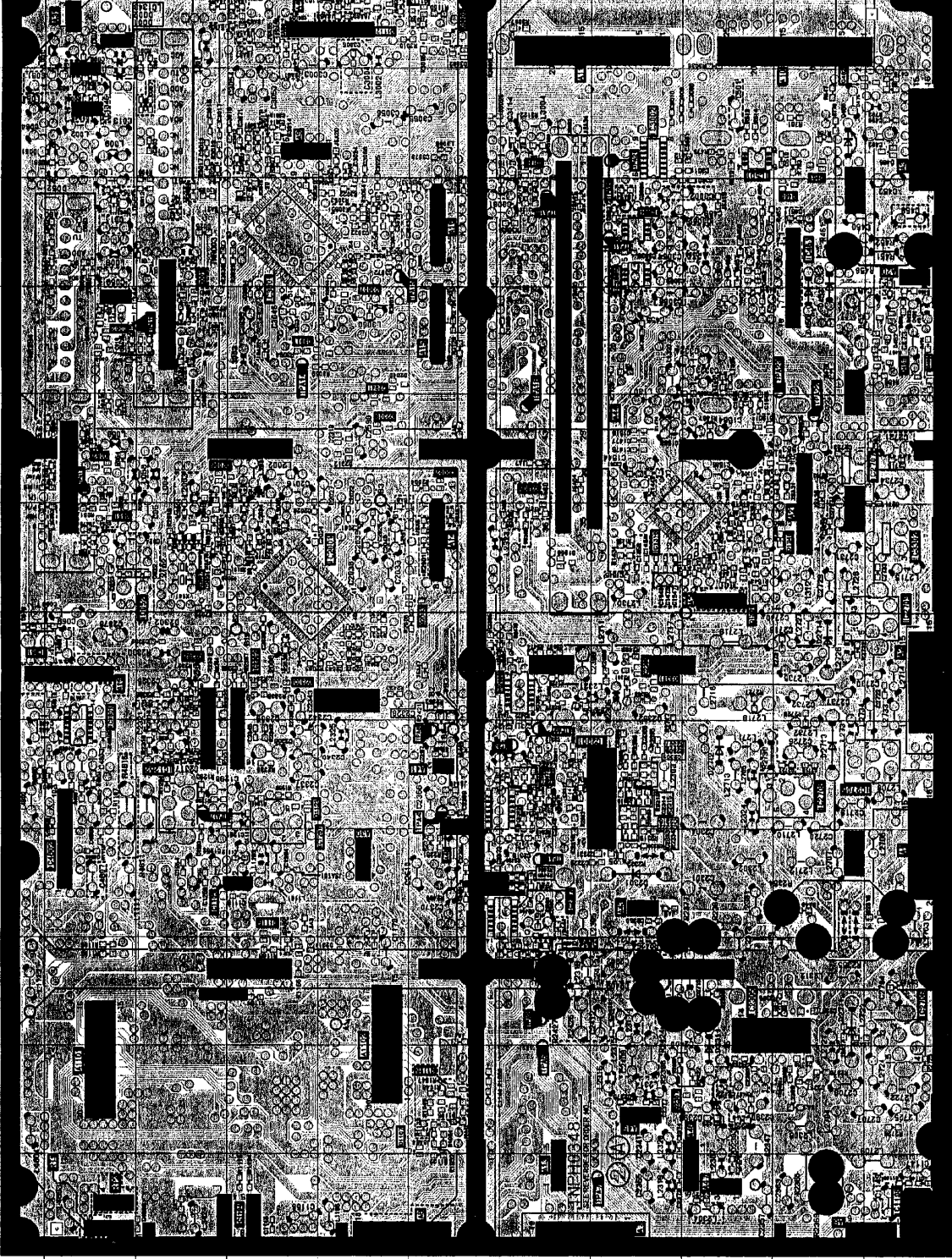
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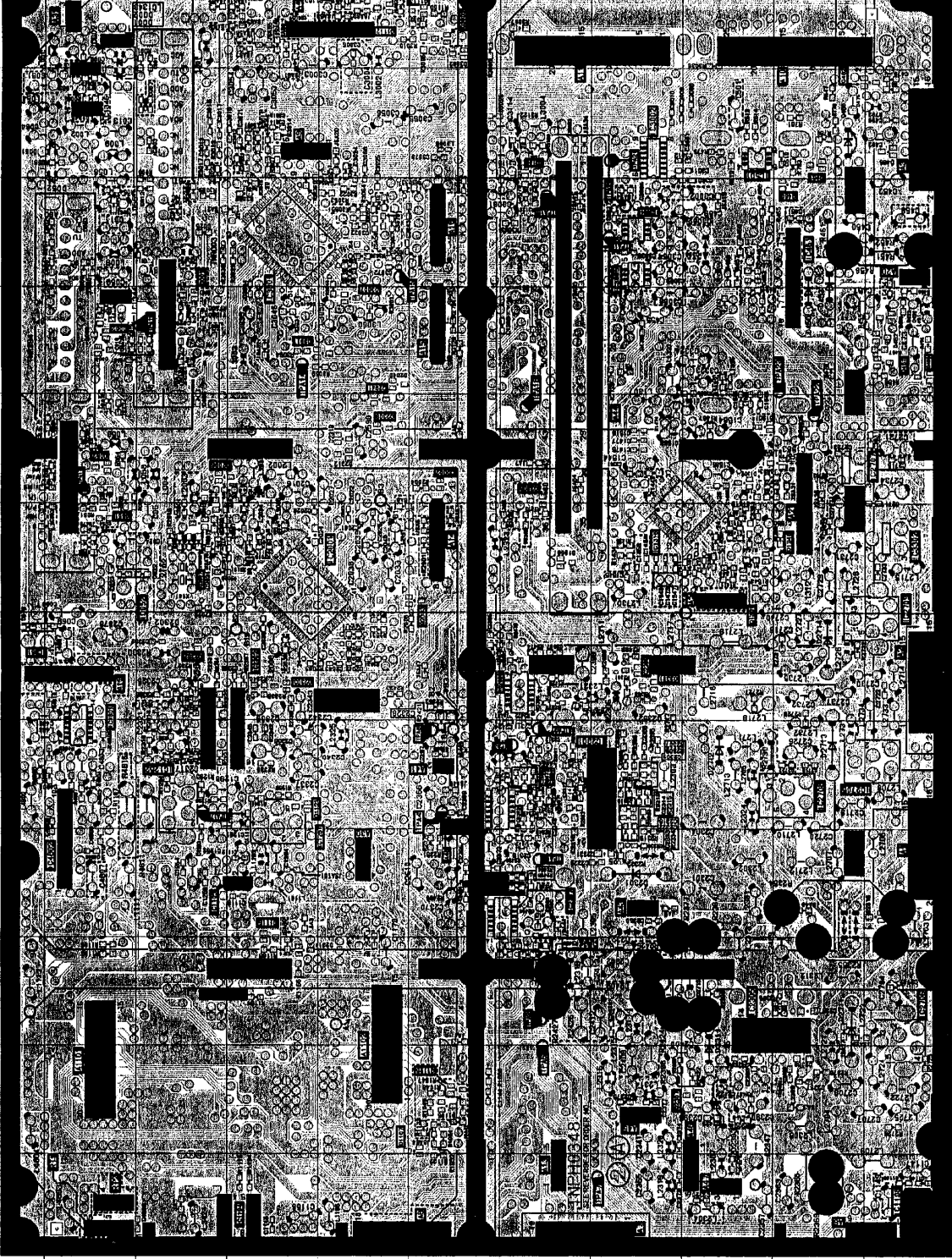
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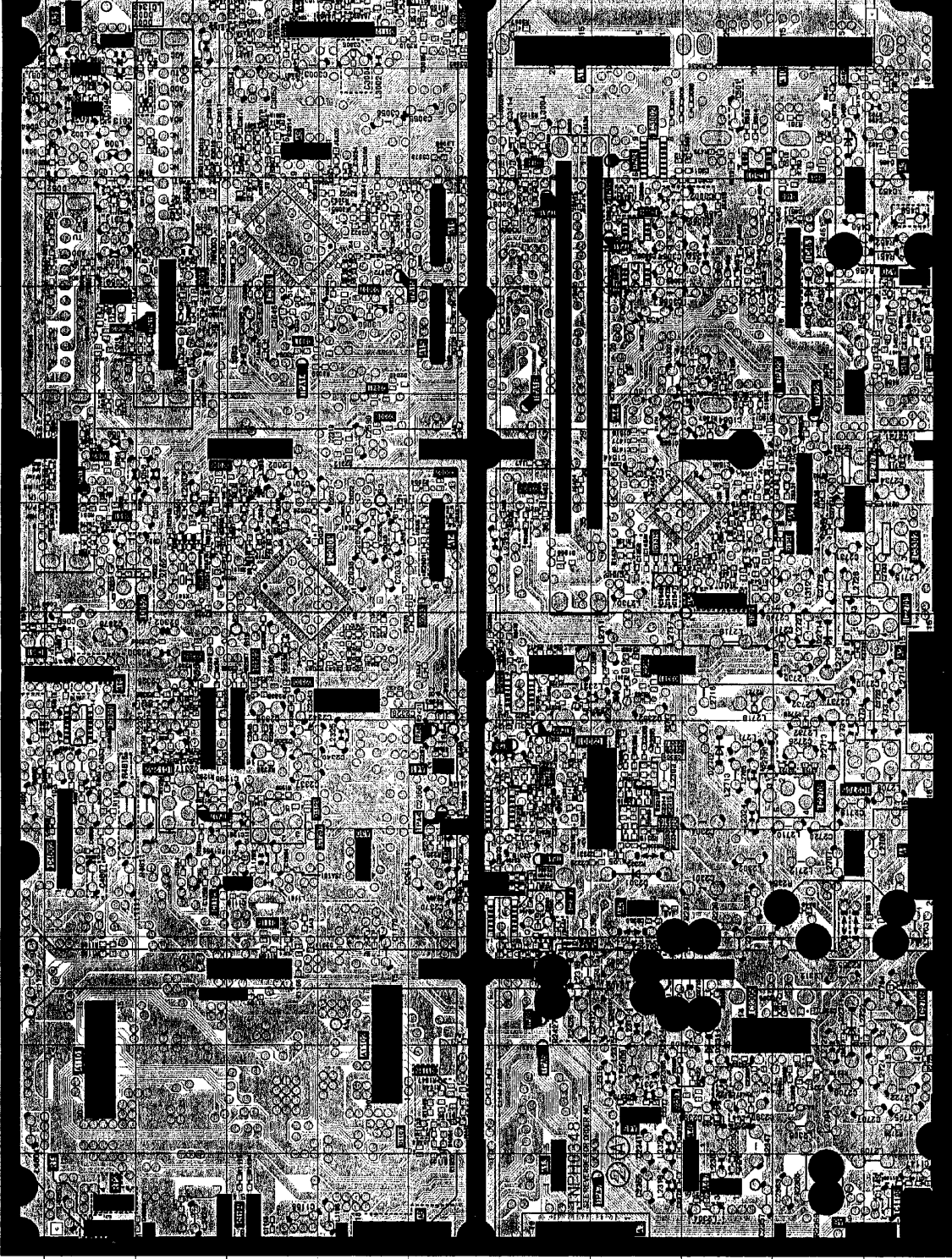
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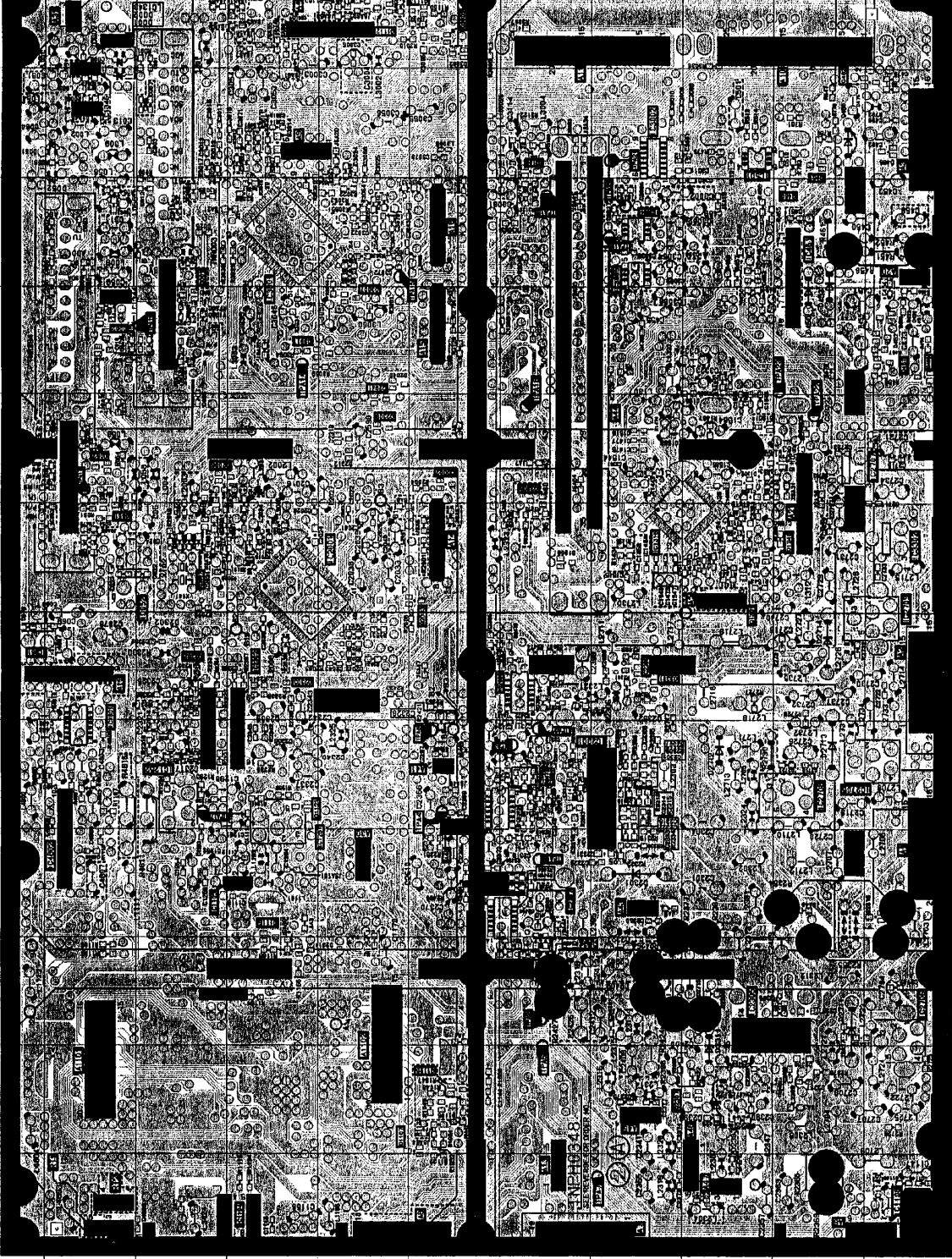
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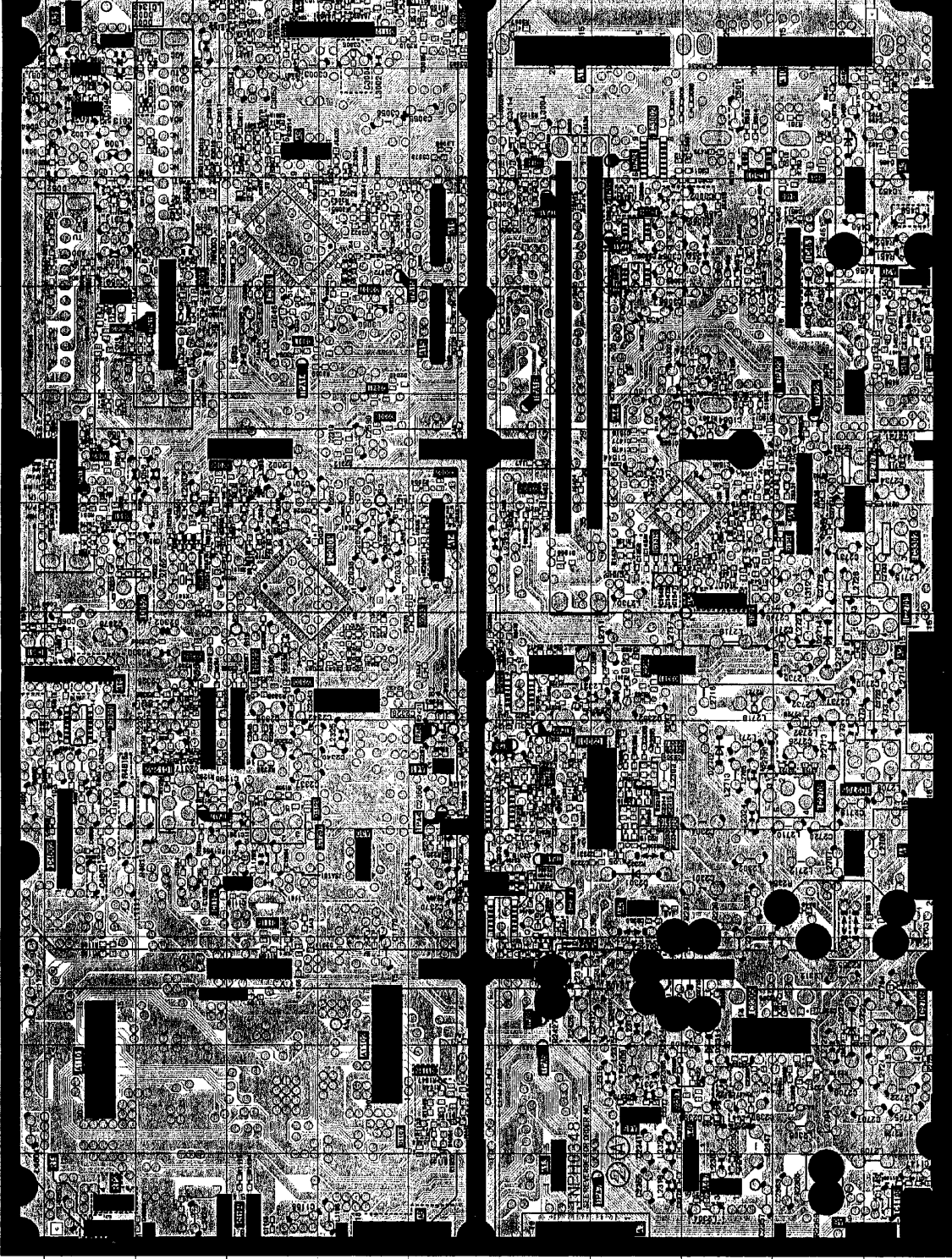
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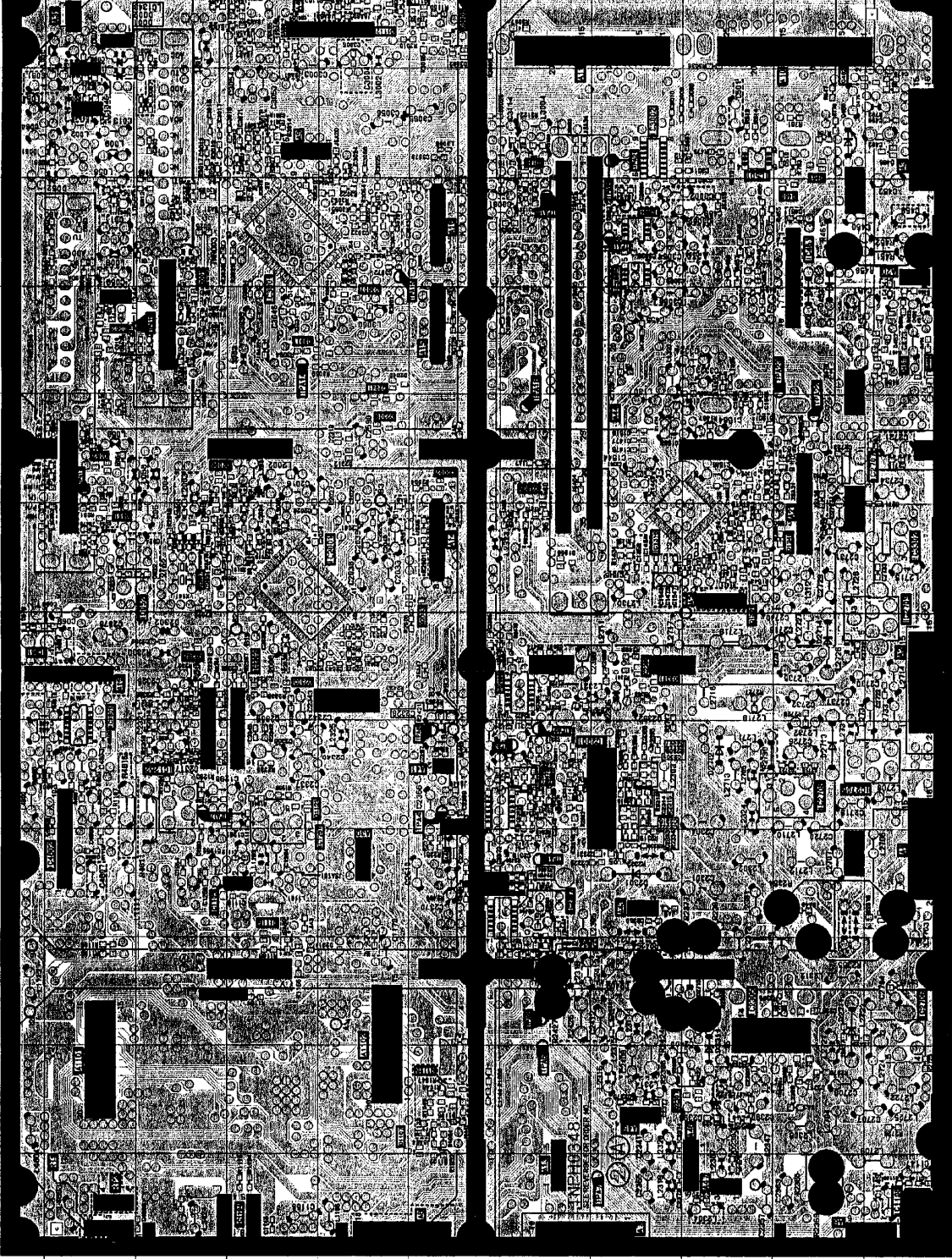
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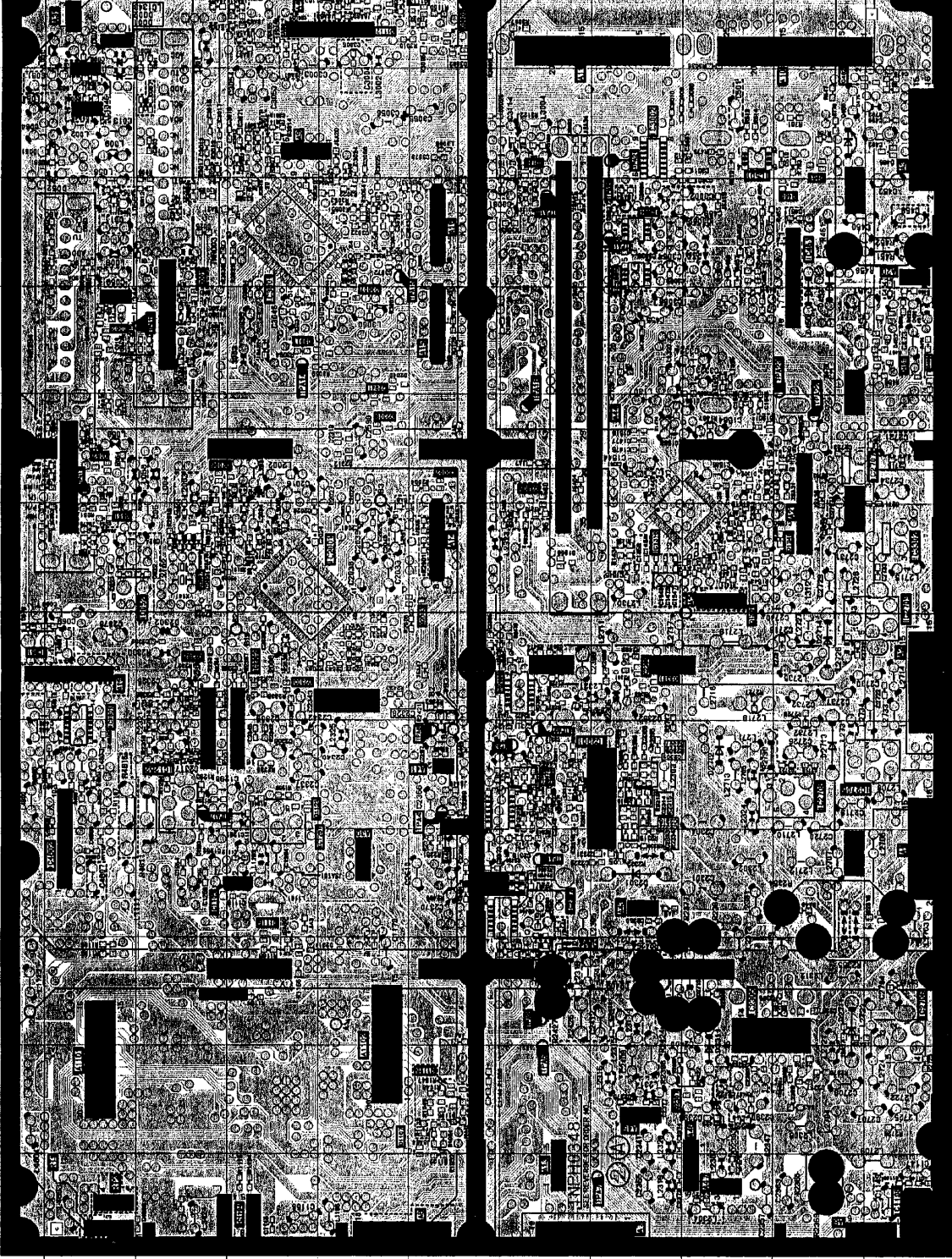
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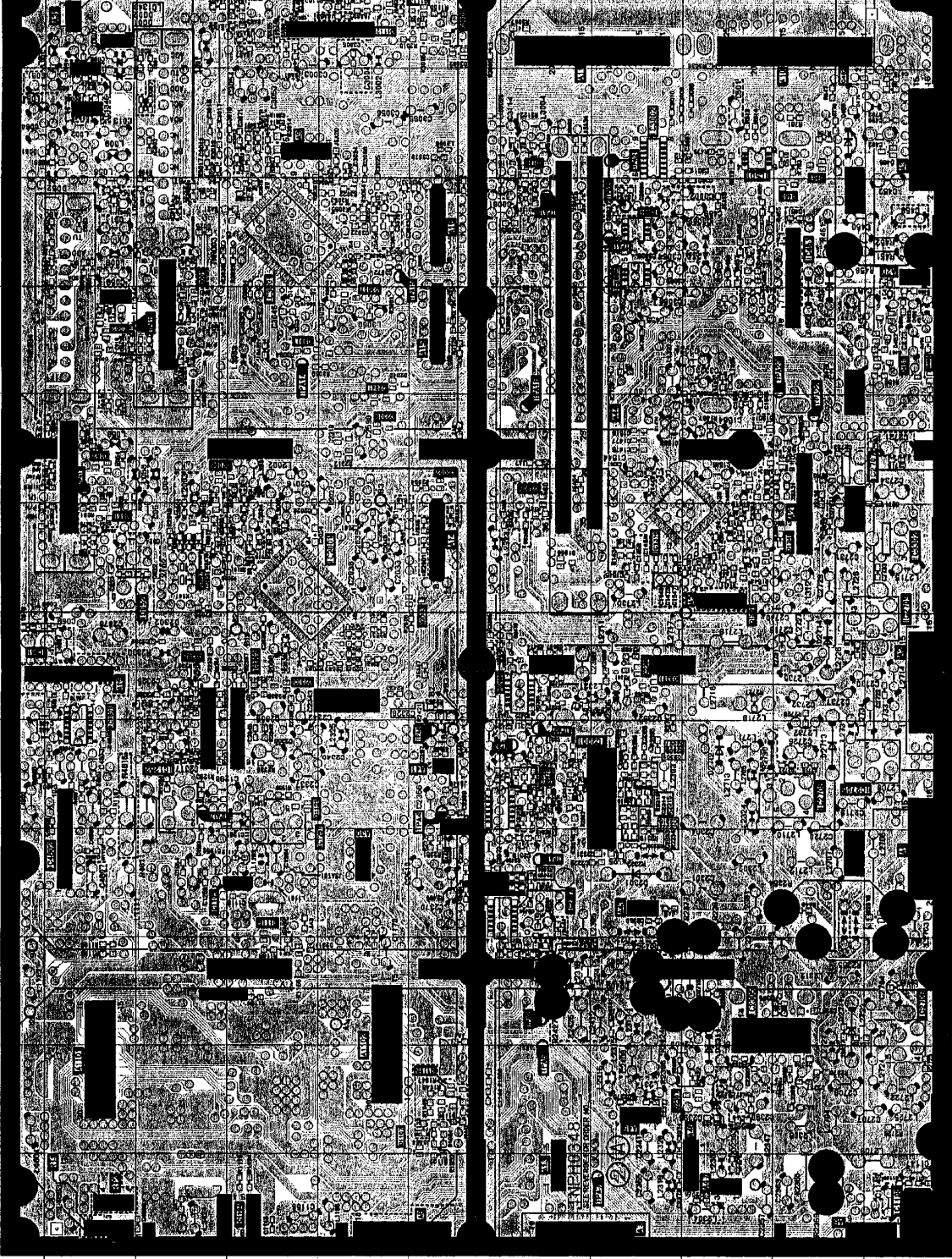
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