

## DESCRIPTION OF SCHEMATIC DIAGRAM

### SAFETY NOTE:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.

2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

### IMPOTANT SAFETY NOTE:

PARTS MARKED WITH « $\triangle$ » ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

### SERVICE PRECAUTION:

THE AREA ENCLOSED BY THIS LINE (---) IS DIRECTLY CONNECTED WITH AC MAINS VOLTAGE.

WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

### NOTE:

1. The unit of resistance «ohm» is omitted (K=1000 ohms. M= Megaohm).

2. All resistors are 1/8 watt. unless otherwise noted.

3. All capacitors are  $\mu\text{F}$ , unless otherwise noted (P=  $\mu\mu\text{F}$ ).

4. The capacitor with Part No. RC-FZ9XXXBMNJ is designed to with stand 63V.

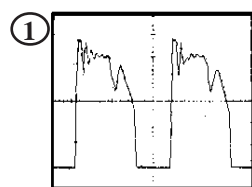
5. The capacitor with Part No. RC-FZ4XXXBMNJ is designed to with stand 50V.

### CAUTION

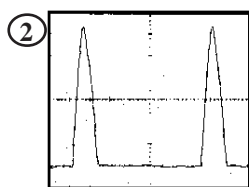
This circuit diagram is original one, therefore there may be light difference from yours.

### WAVEFORM MEASUREMENT CONDITION:

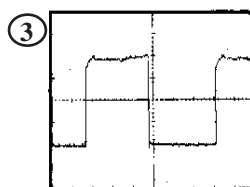
Colour bar genetator signal of 70 dB from RF input.



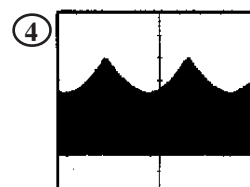
580V



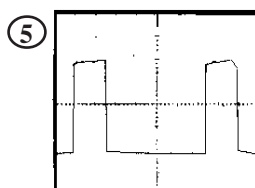
1.3 KV 15.625KHz



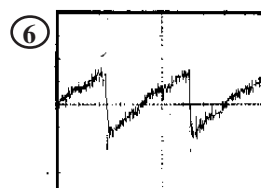
4 Vp-p 15.625KHz



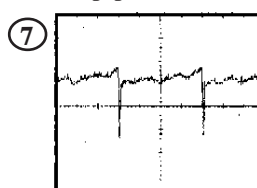
215 Vp-p 50Hz



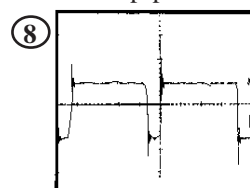
41 Vp-p 15.625KHz



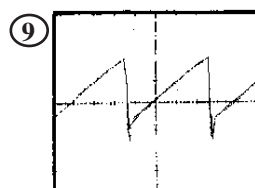
1.8 Vp-p 50Hz



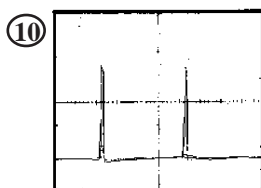
3.3V 50Hz



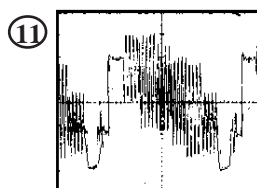
45 Vp-p 113 KHz FM



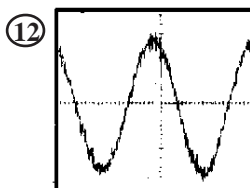
19V 50Hz



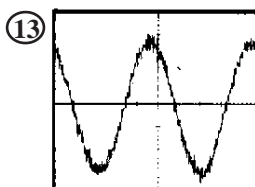
20.5 Vp-p 50Hz



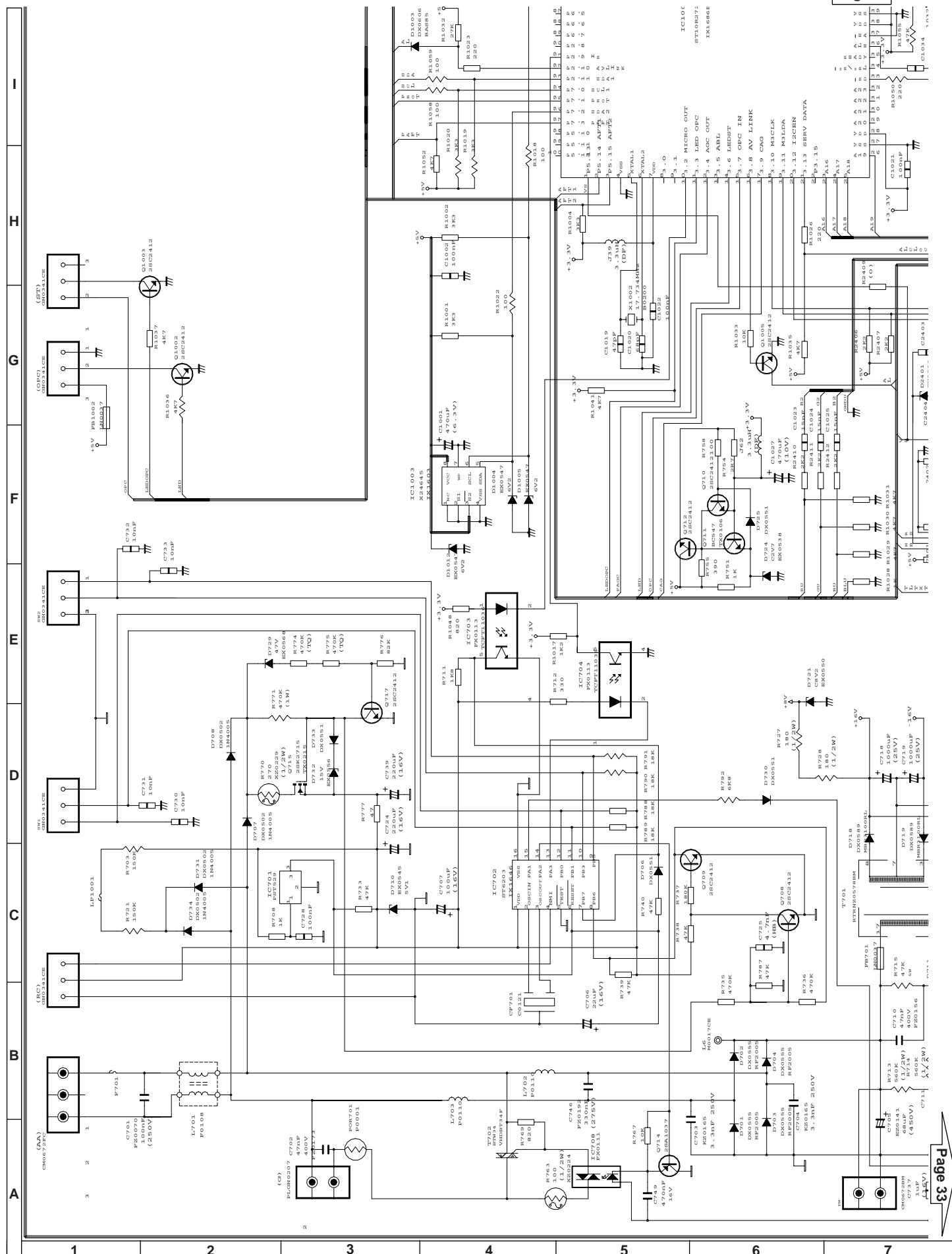
1.15 Vp-p  
15.625KHz



400Hz

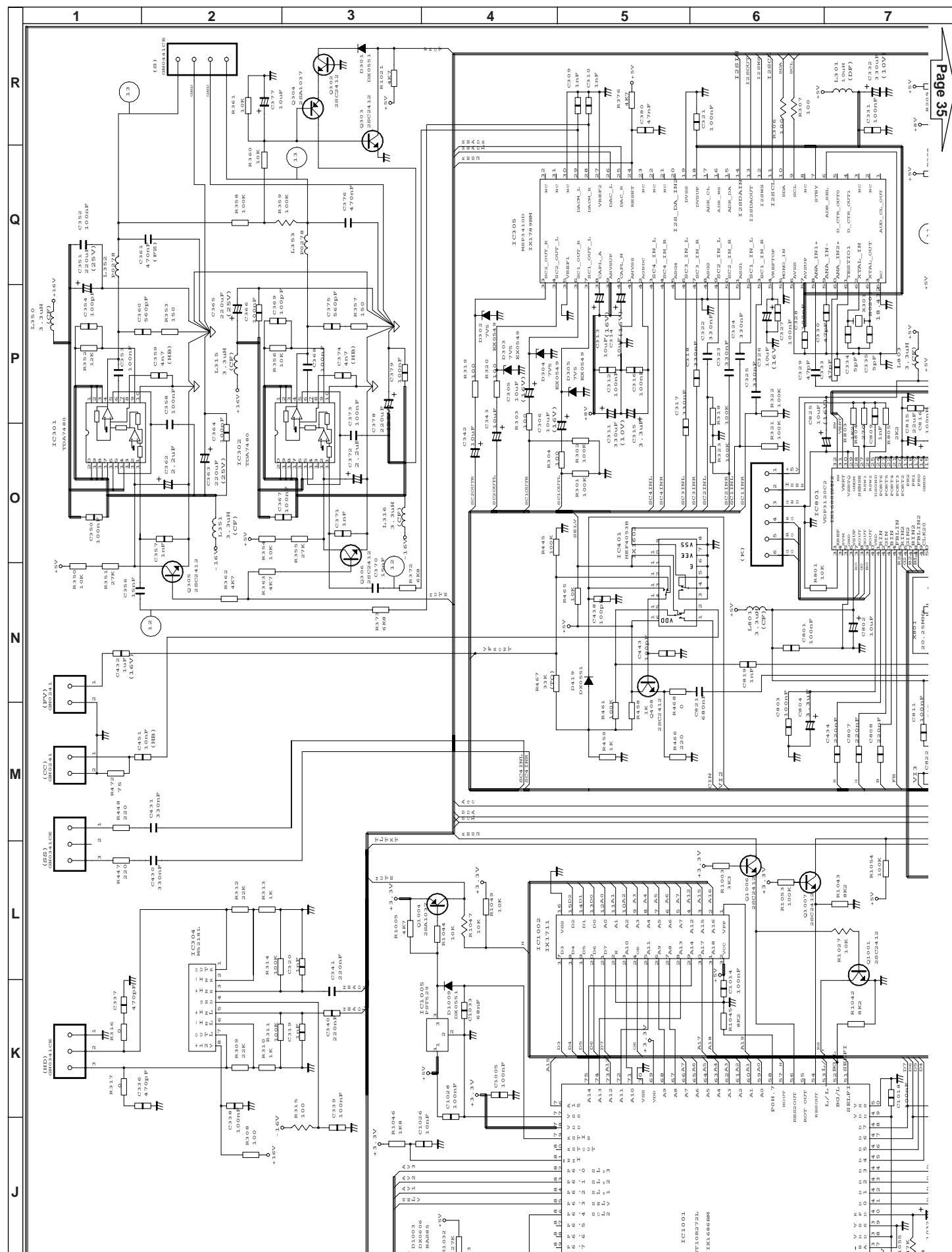


400Hz

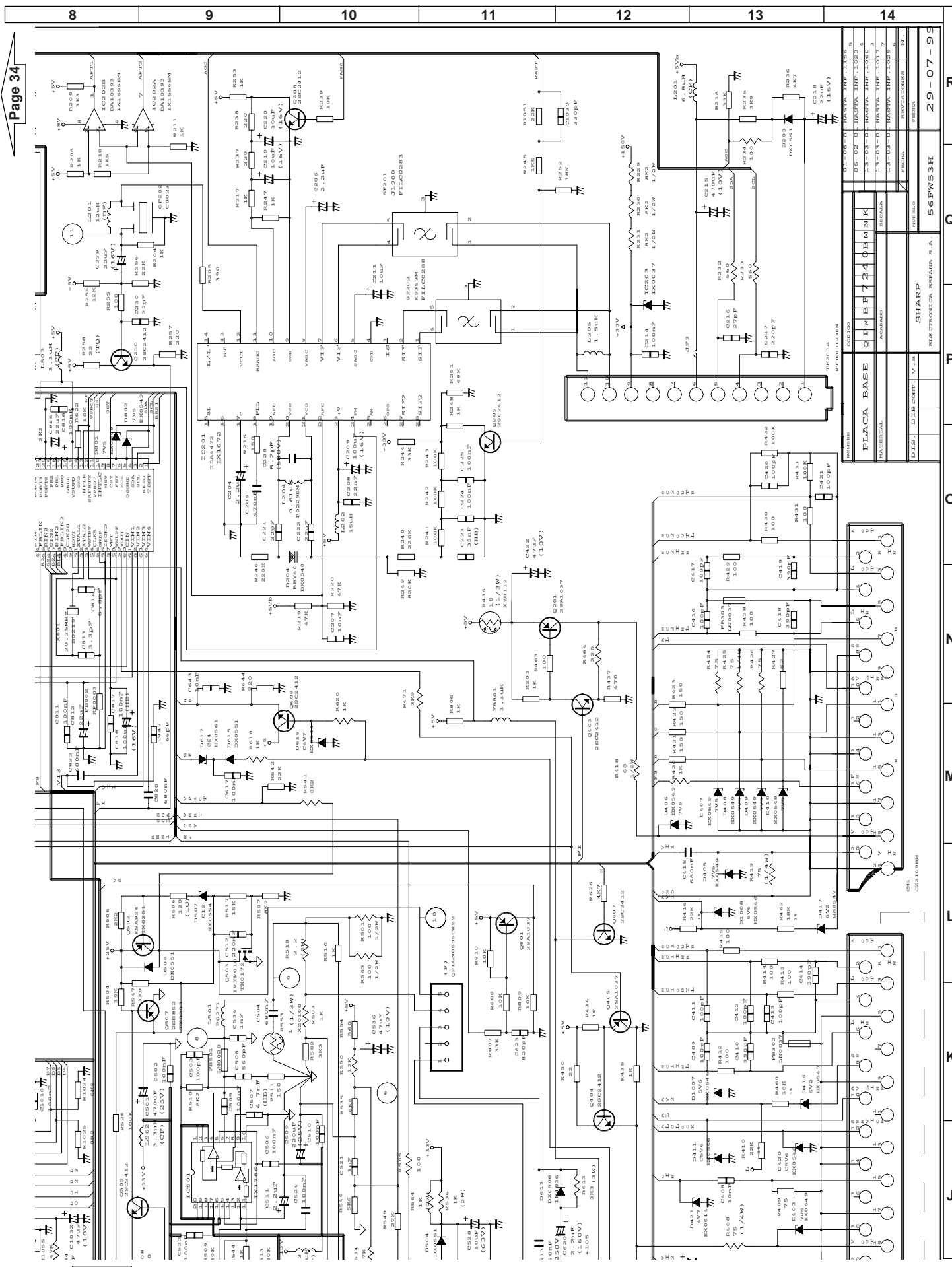




### SCHEMATIC DIAGRAM OF MOTHER UNIT OF 56FW53H.

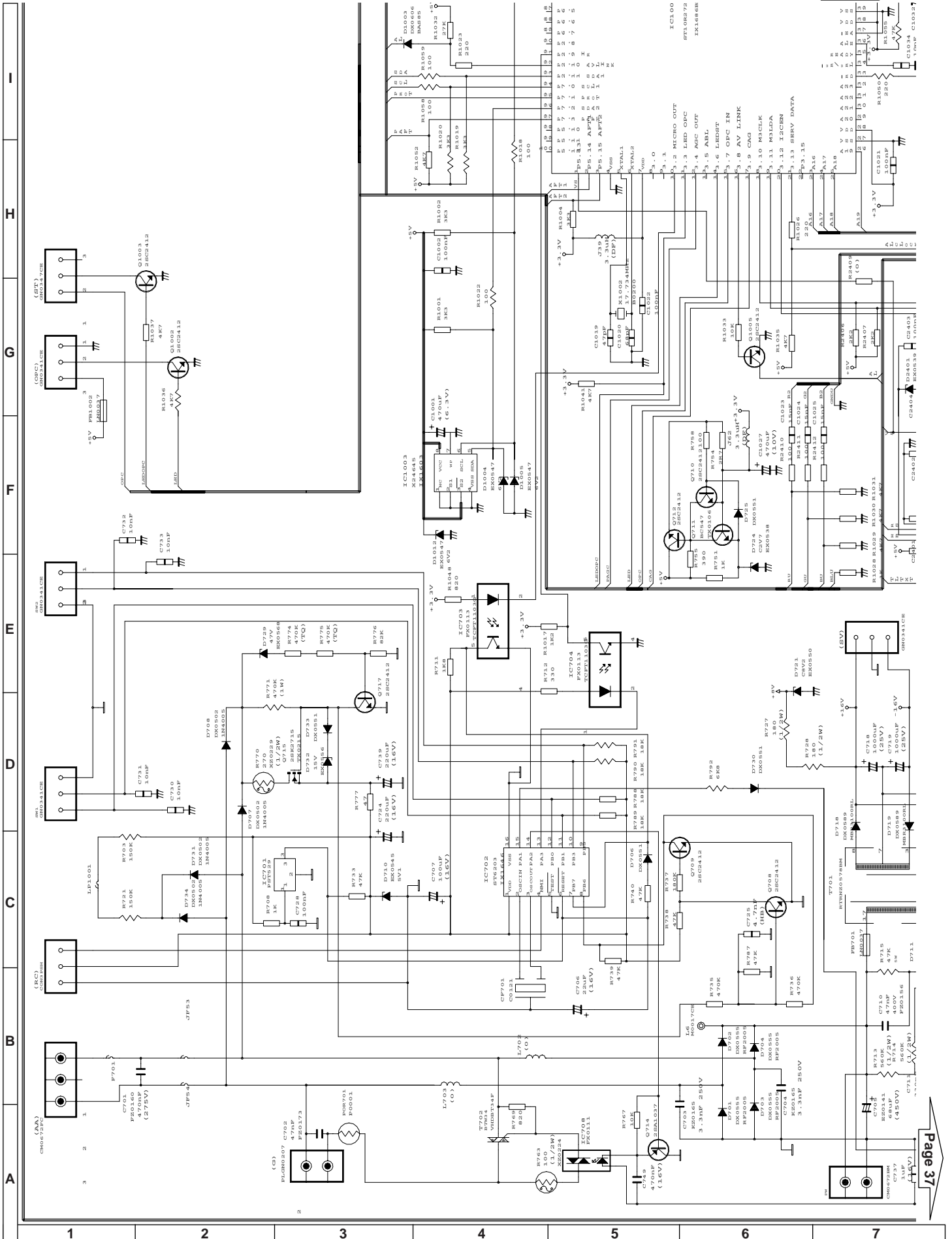


# SCHEMATIC DIAGRAM OF MOTHER UNIT OF 56FW53H.



# SCHEMATIC DIAGRAM OF MOTHER UNIT OF 66FW53H.

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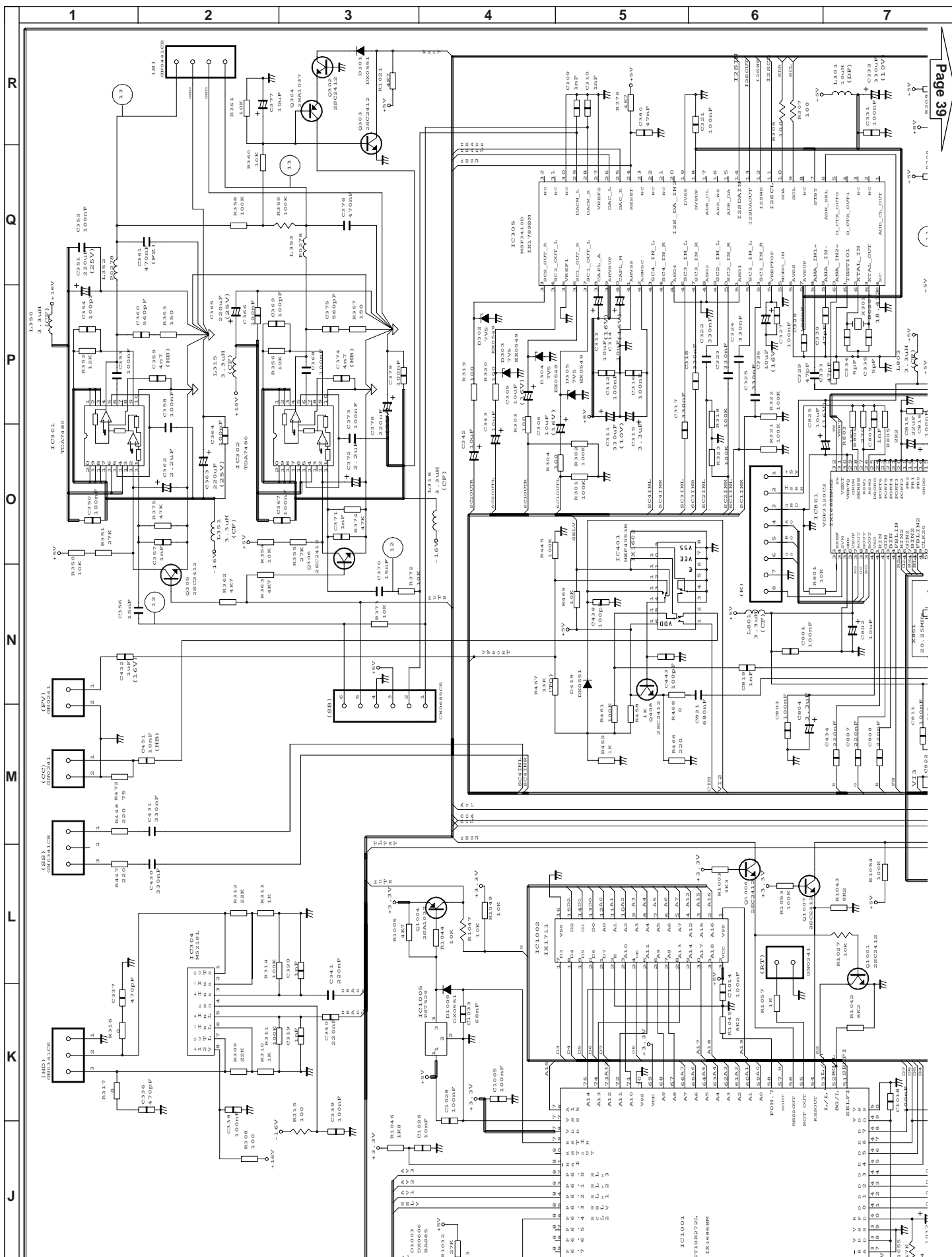


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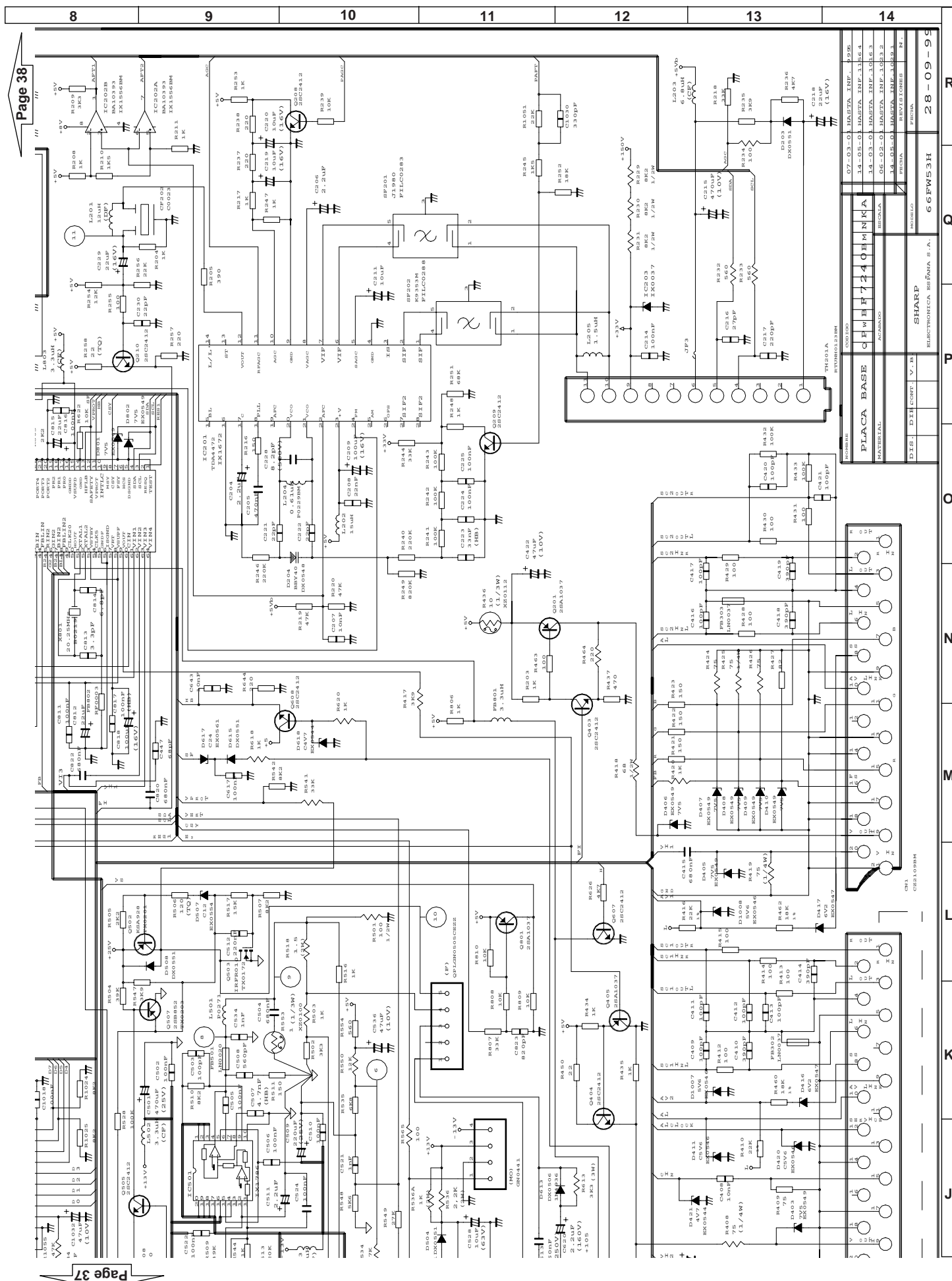


## SCHEMATIC DIAGRAM OF MOTHER UNIT OF 66FW53H.



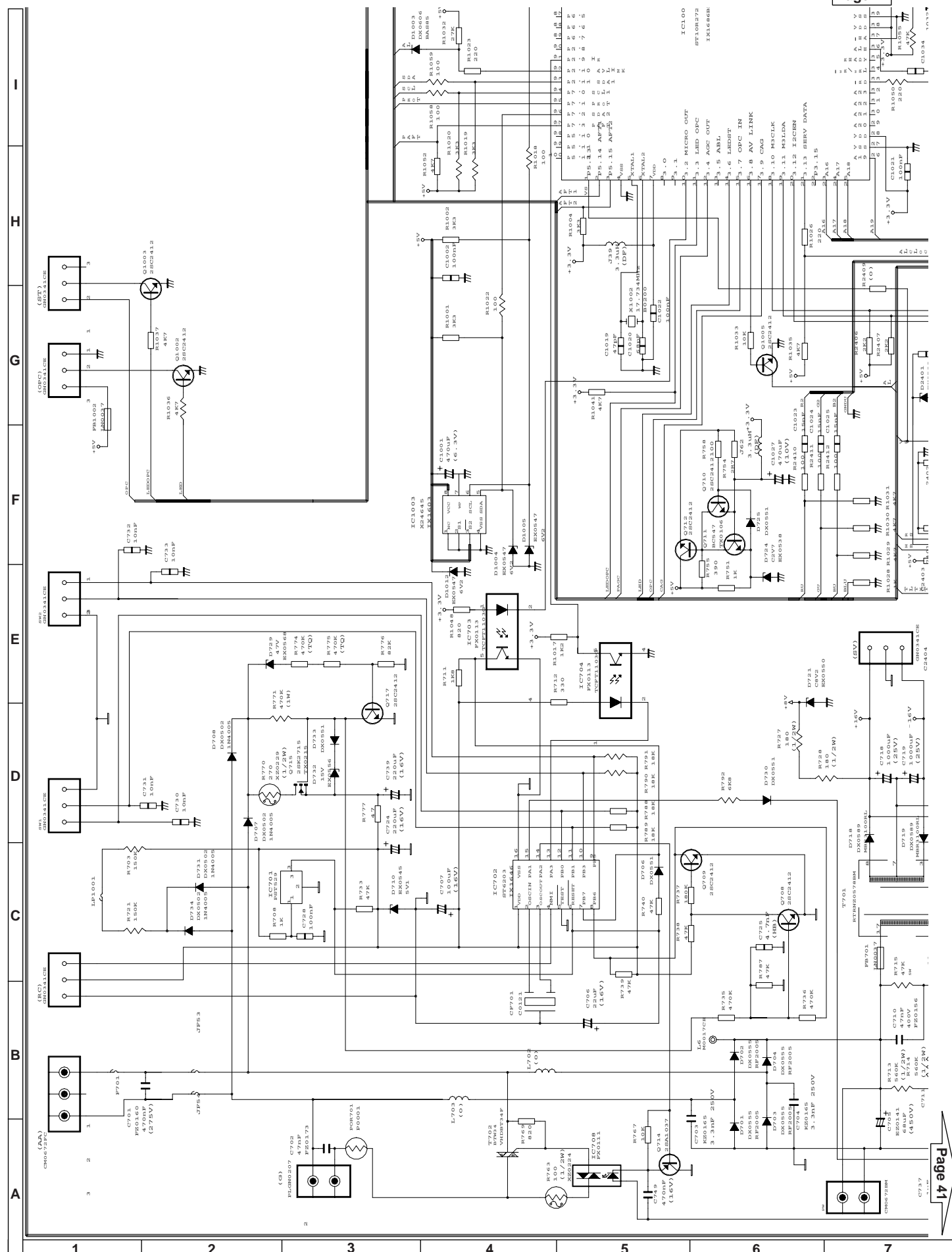


### SCHEMATIC DIAGRAM OF MOTHER UNIT OF 66FW53H.



### SCHEMATIC DIAGRAM OF MOTHER UNIT OF 76FW53H.

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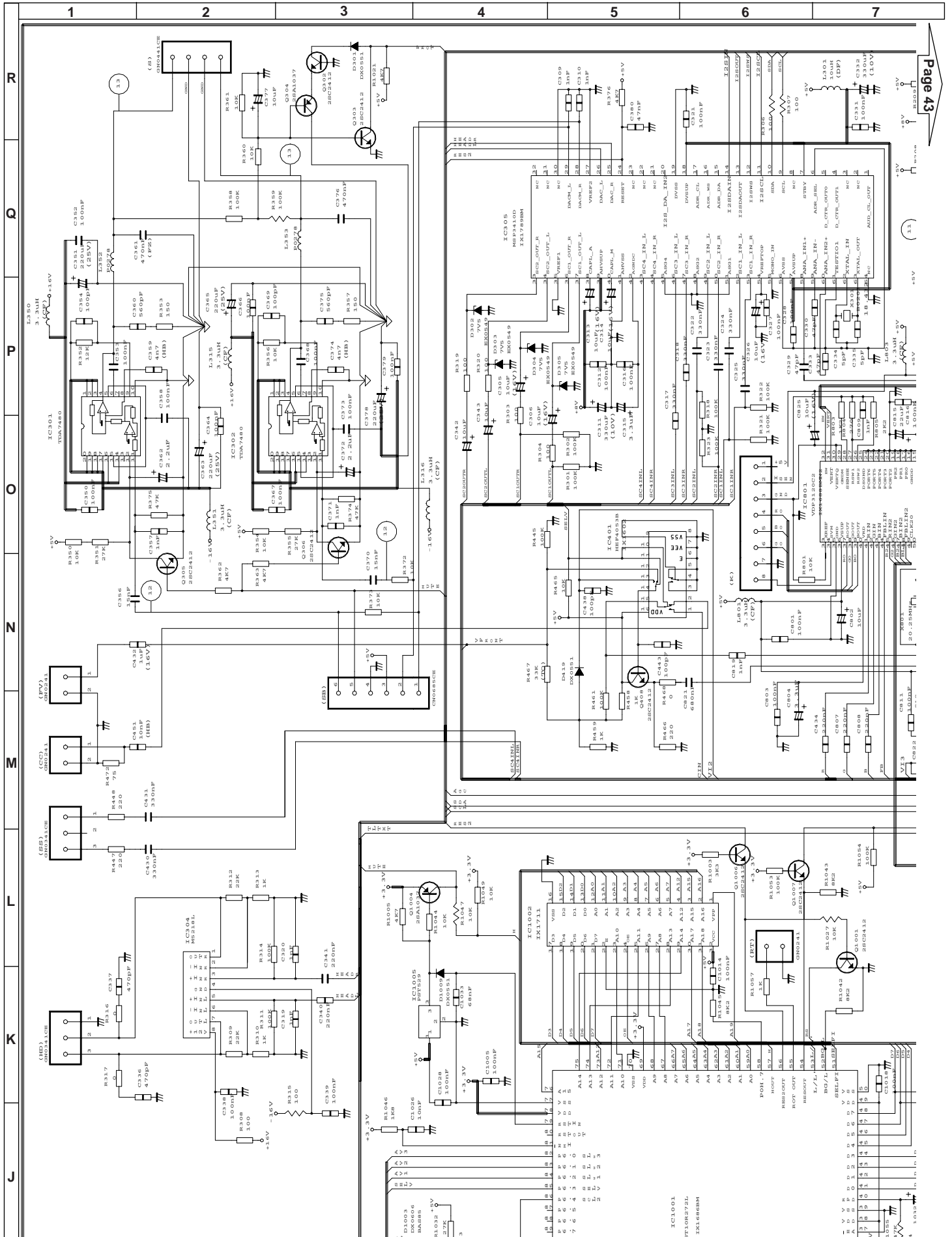


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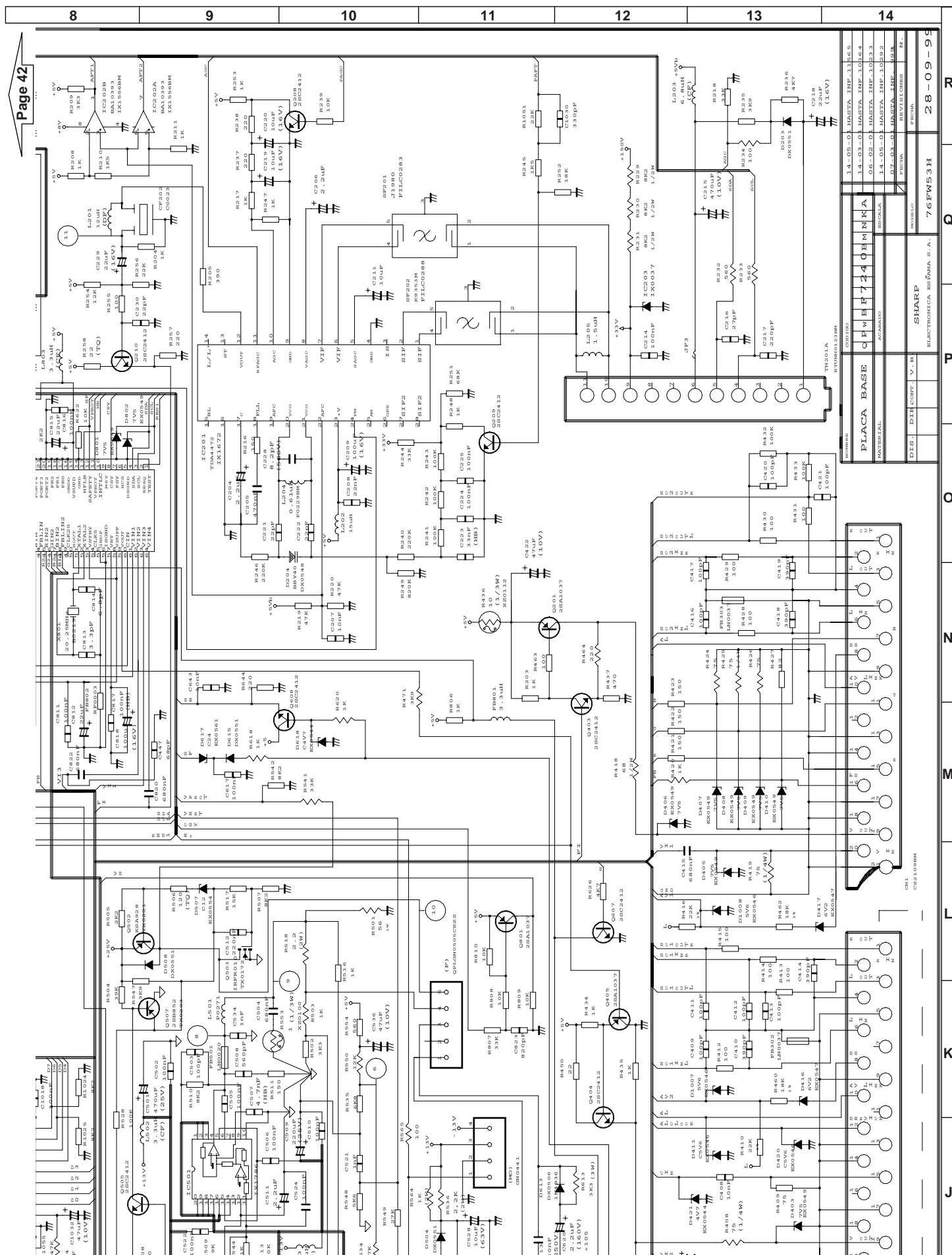


56FW-53H  
66FW-53H  
76FW-53H

## SCHEMATIC DIAGRAM OF MOTHER UNIT OF 76FW53H.



# SCHEMATIC DIAGRAM OF MOTHER UNIT OF 76FW53H.



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