

SCHEMATIC DIAGRAMS FOR MODEL

TX-42PT12F/P

(EURO-7 VP CHASSIS)

IMPORTANT SAFETY NOTICE

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

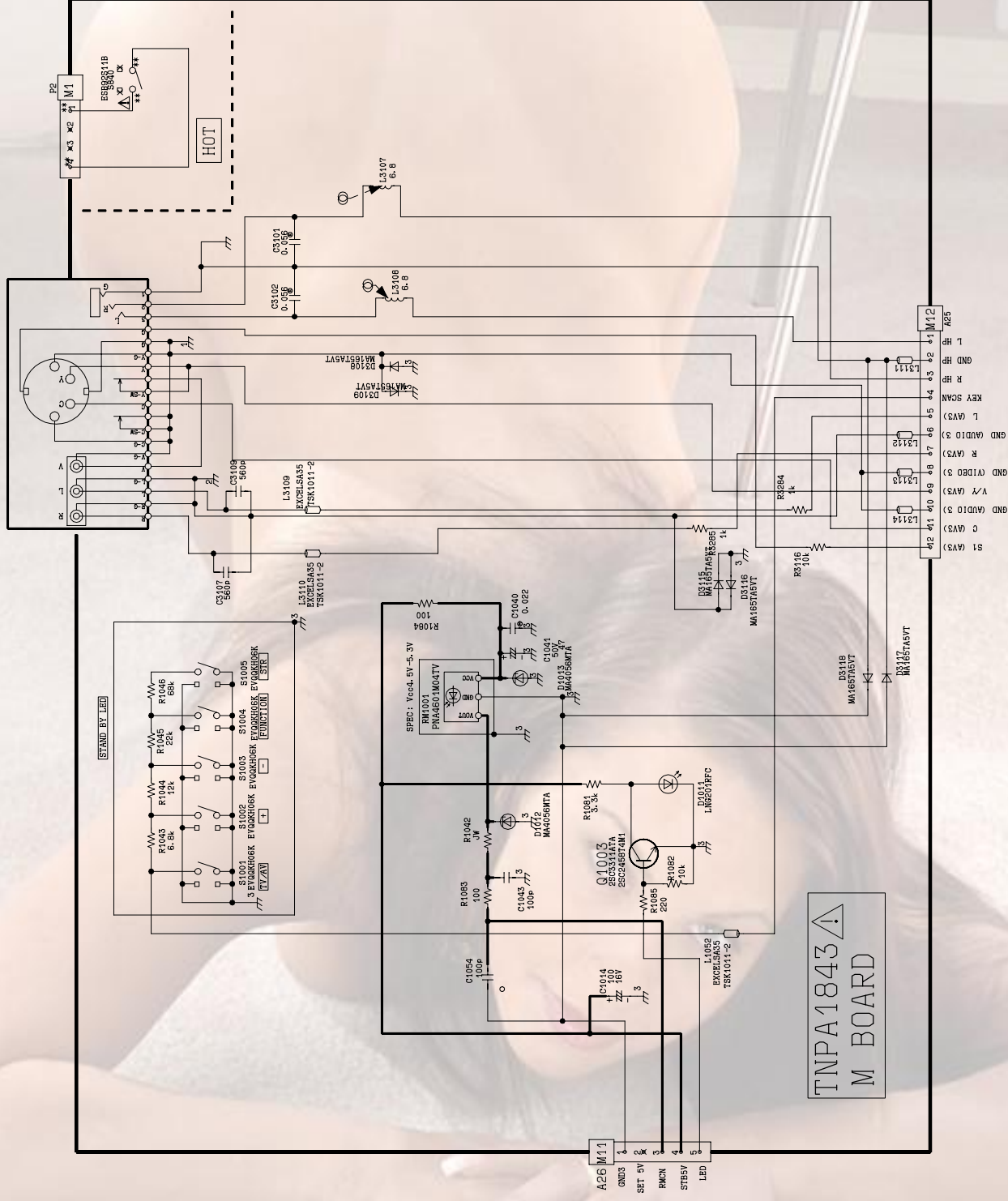
These schematic diagrams are the latest at time of printing and are subject to change without notice.

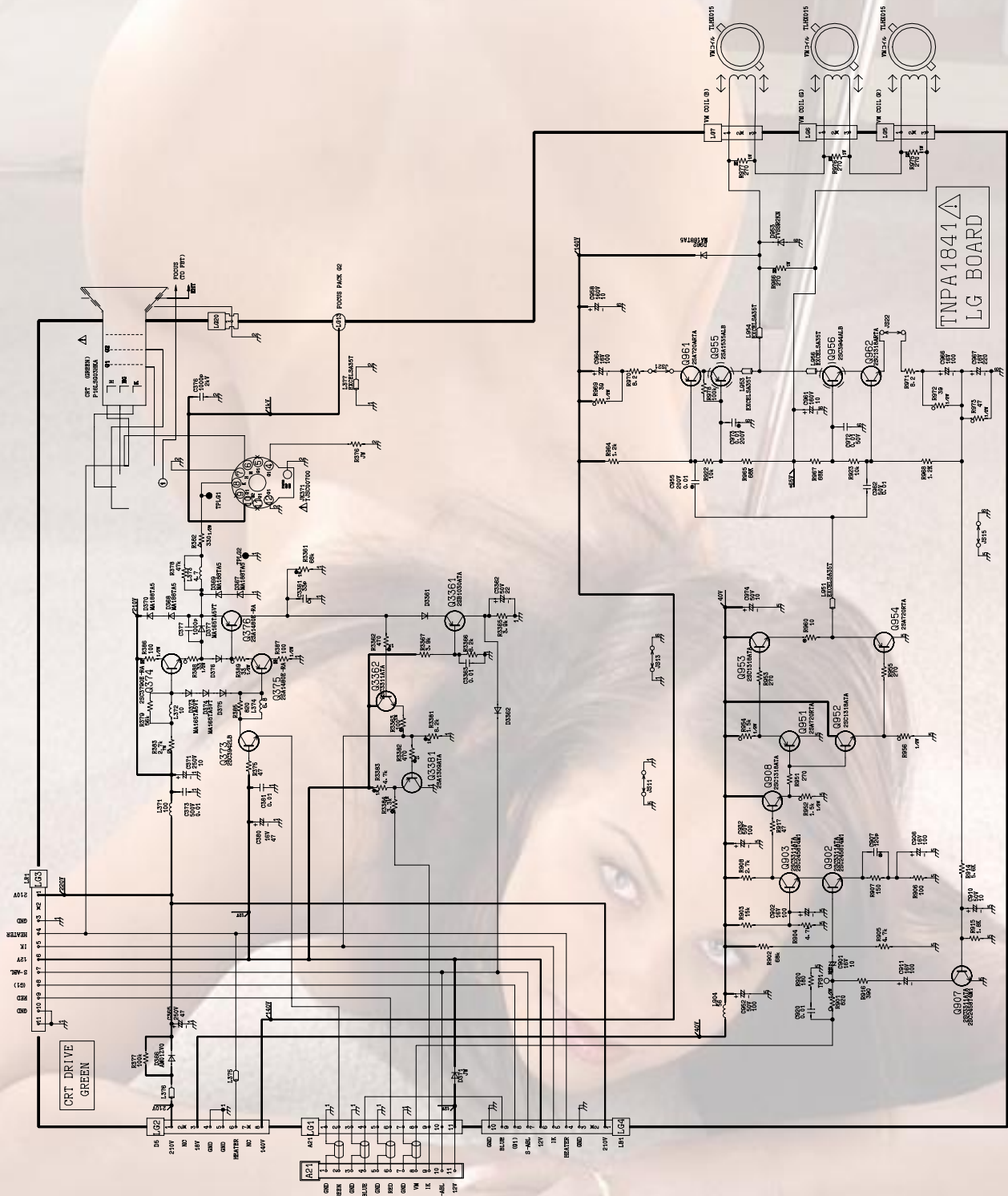
REMARKS

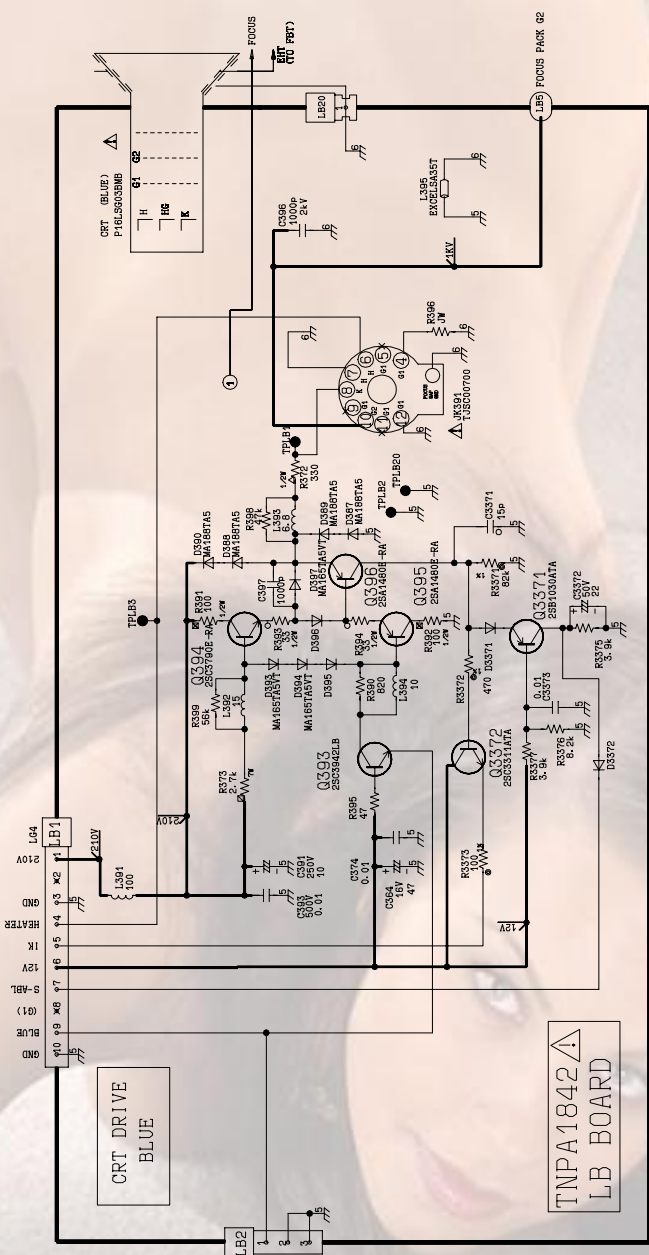
- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously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

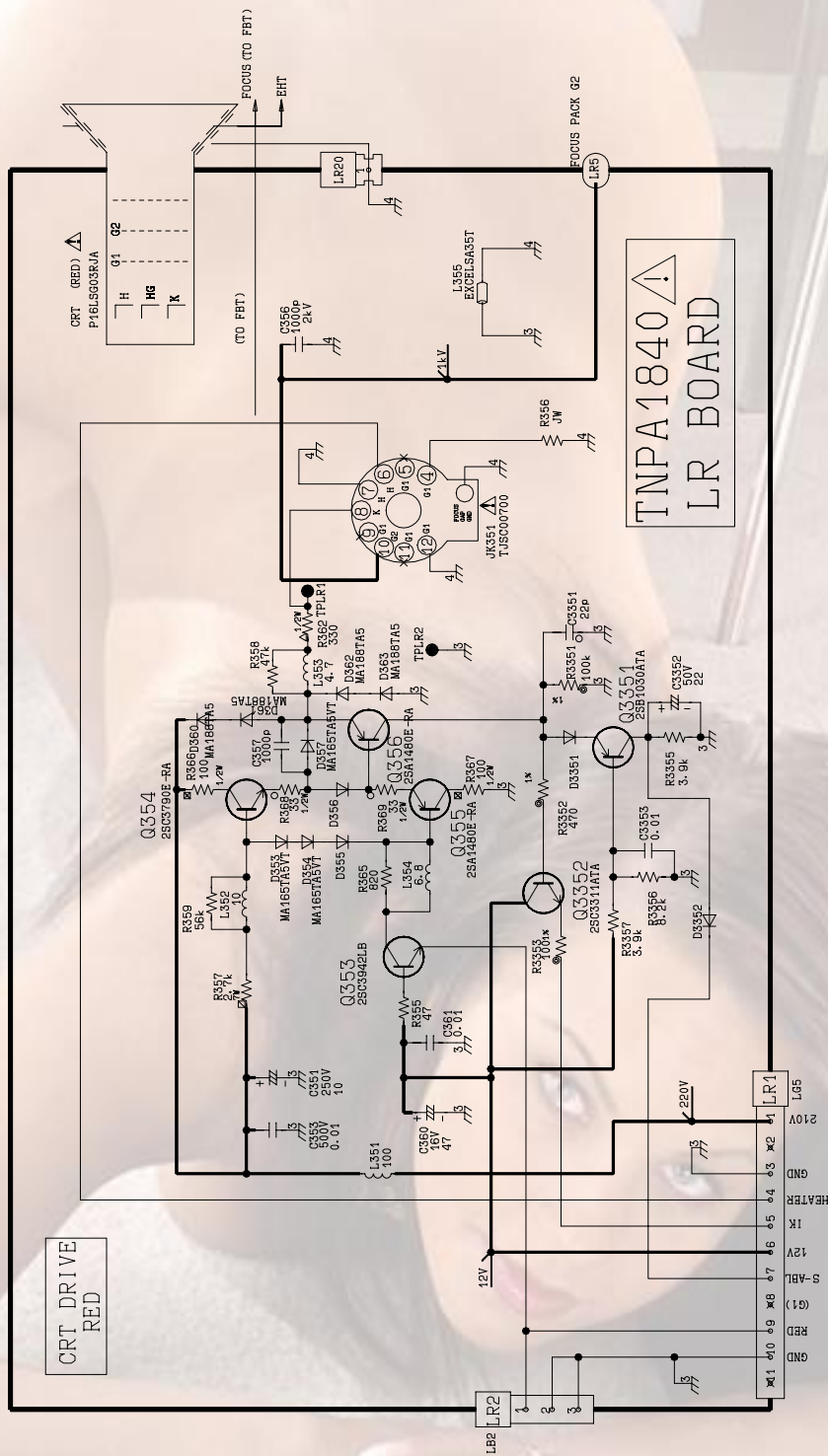
NOTE

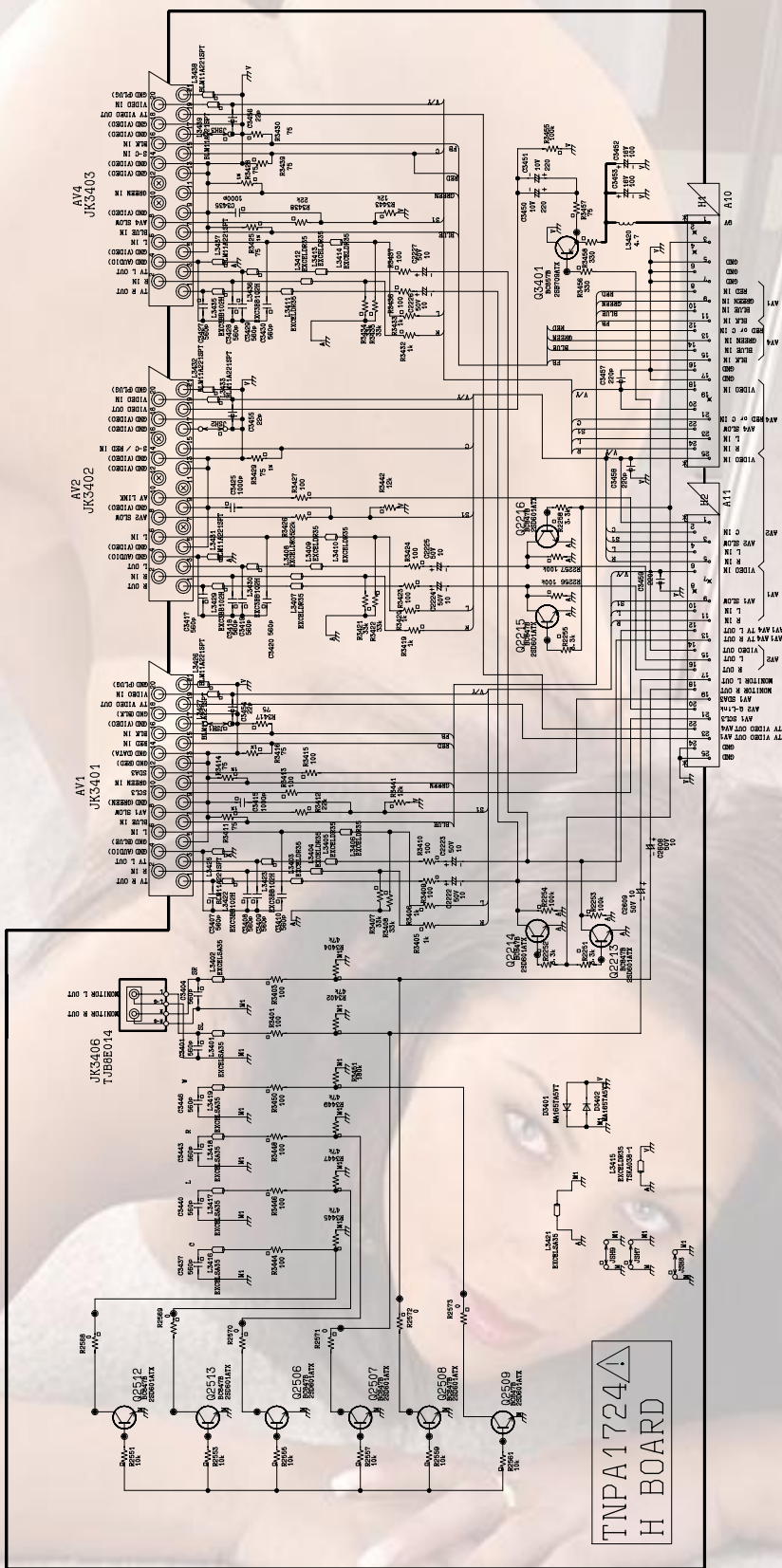
1. The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

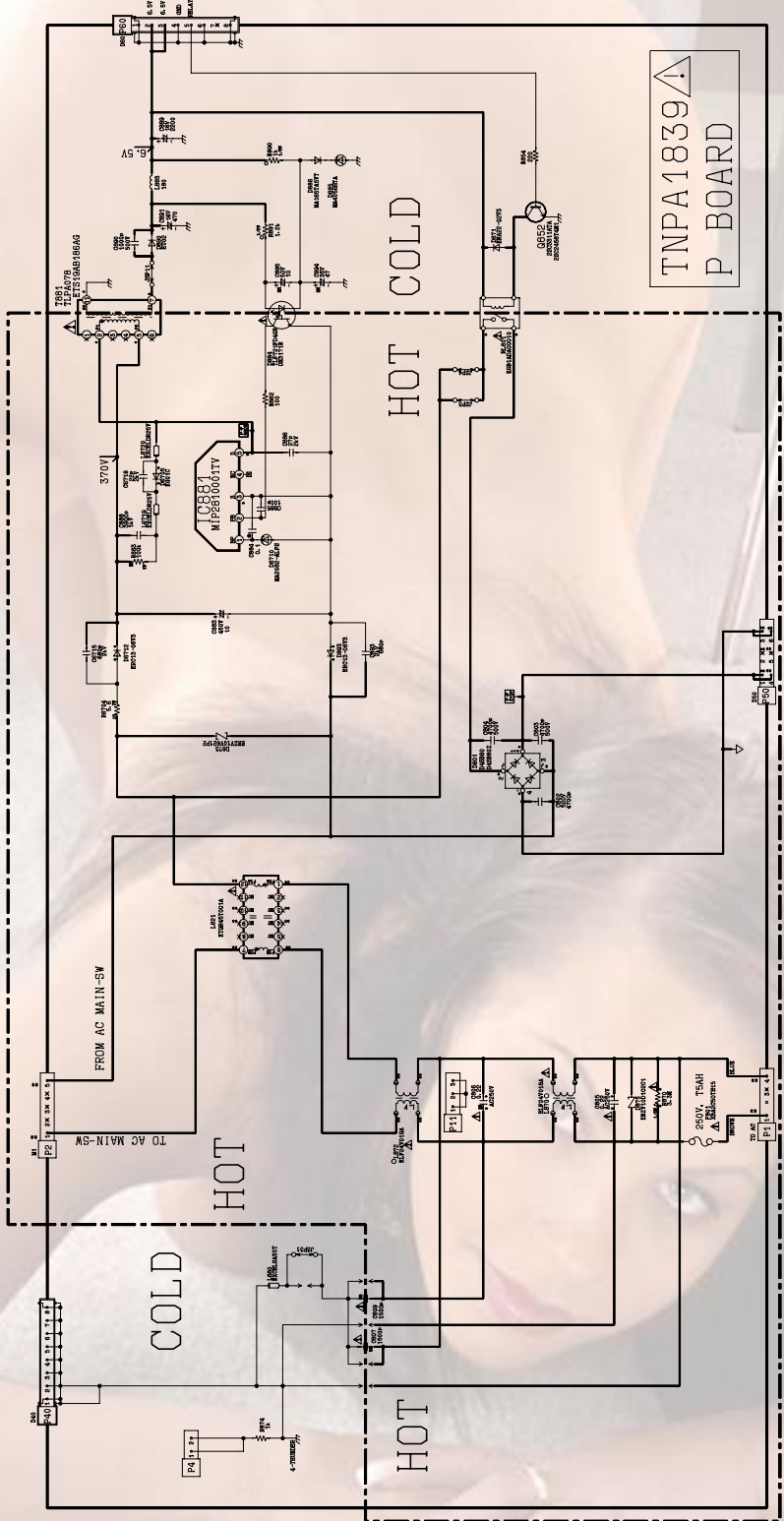




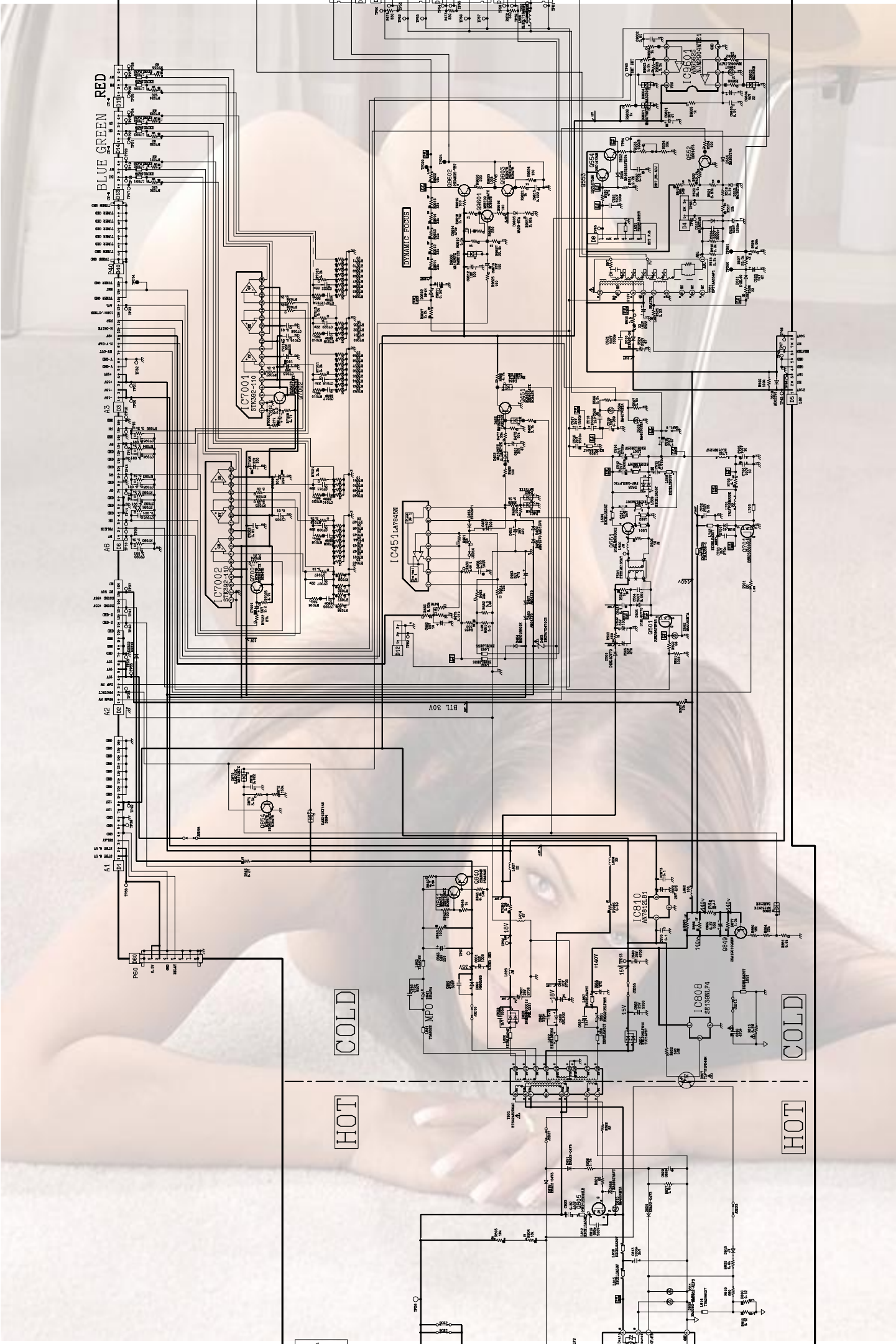








TNPA1839
P BOARD



TNP41724
H BOARD

HOT

COLD

HOT

COLD

BLUE GREEN RED

IC7001

IC7002

IC7003

IC7004

IC7005

IC7006

IC7007

IC7008

IC7009

DYNAMIC FORCE

IC451

IC452

IC453

IC454

IC455

H.V. DISTRIBUTOR

IC456

IC457

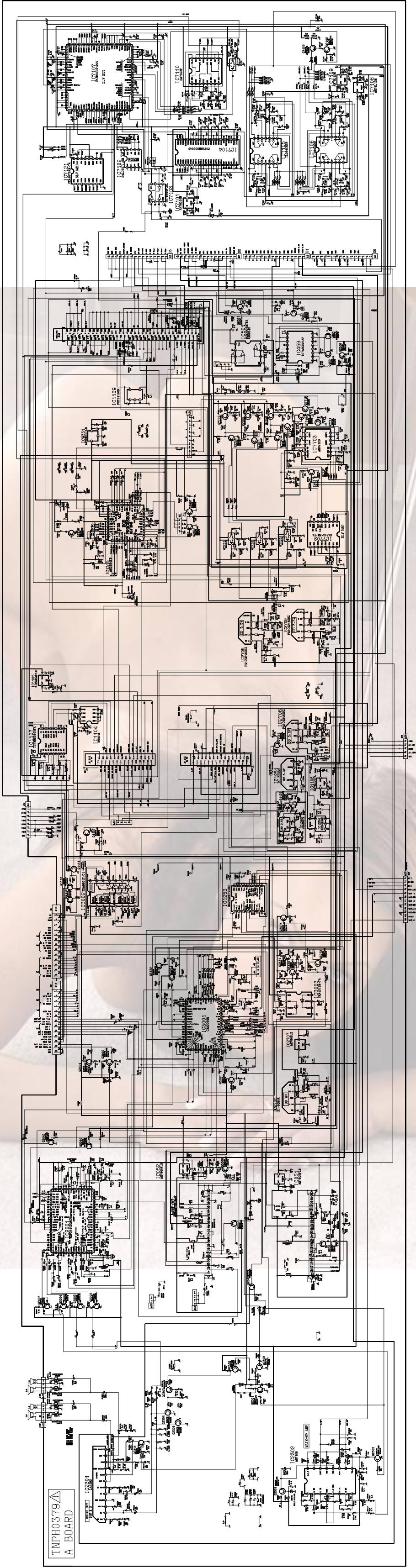
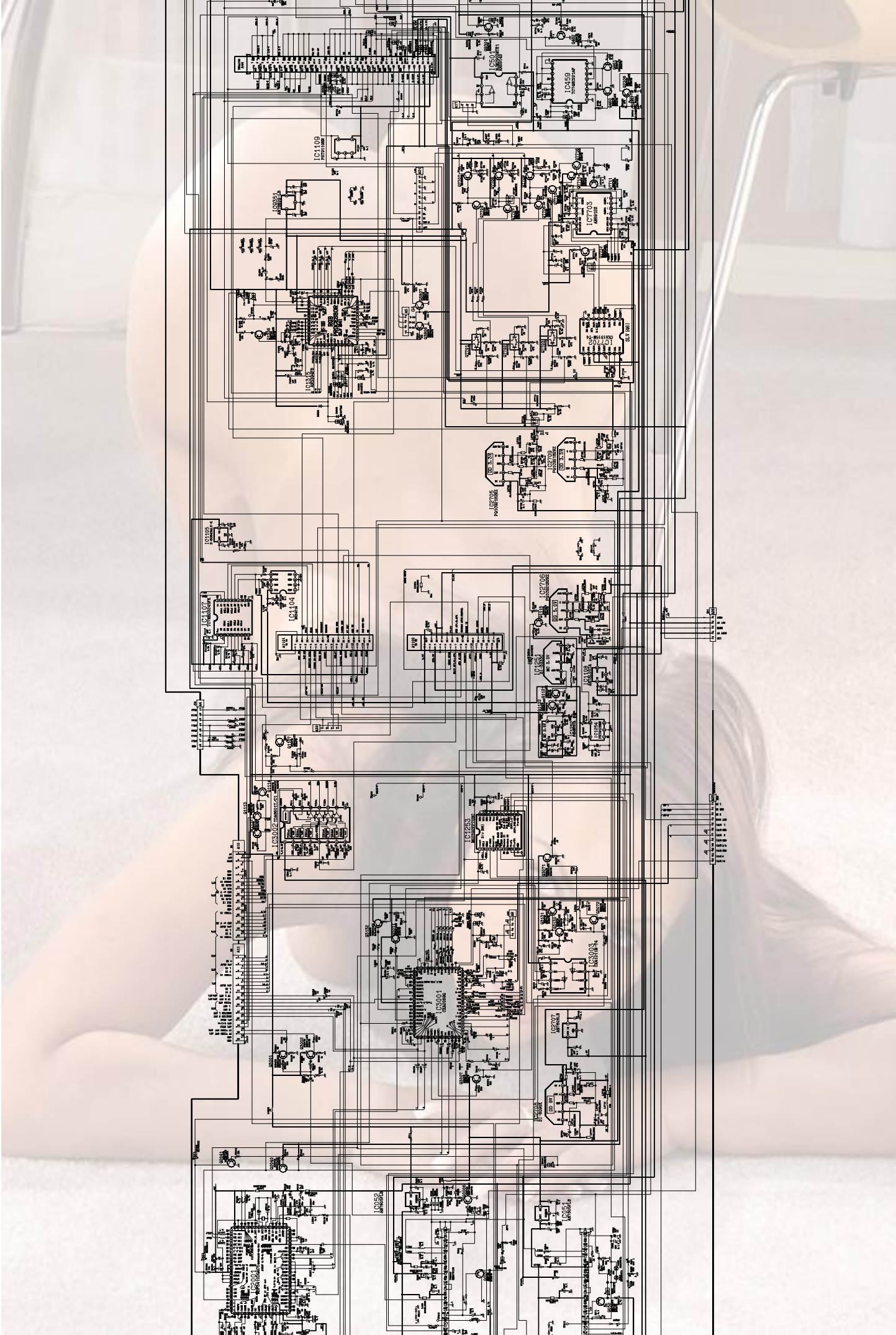
IC458

IC459

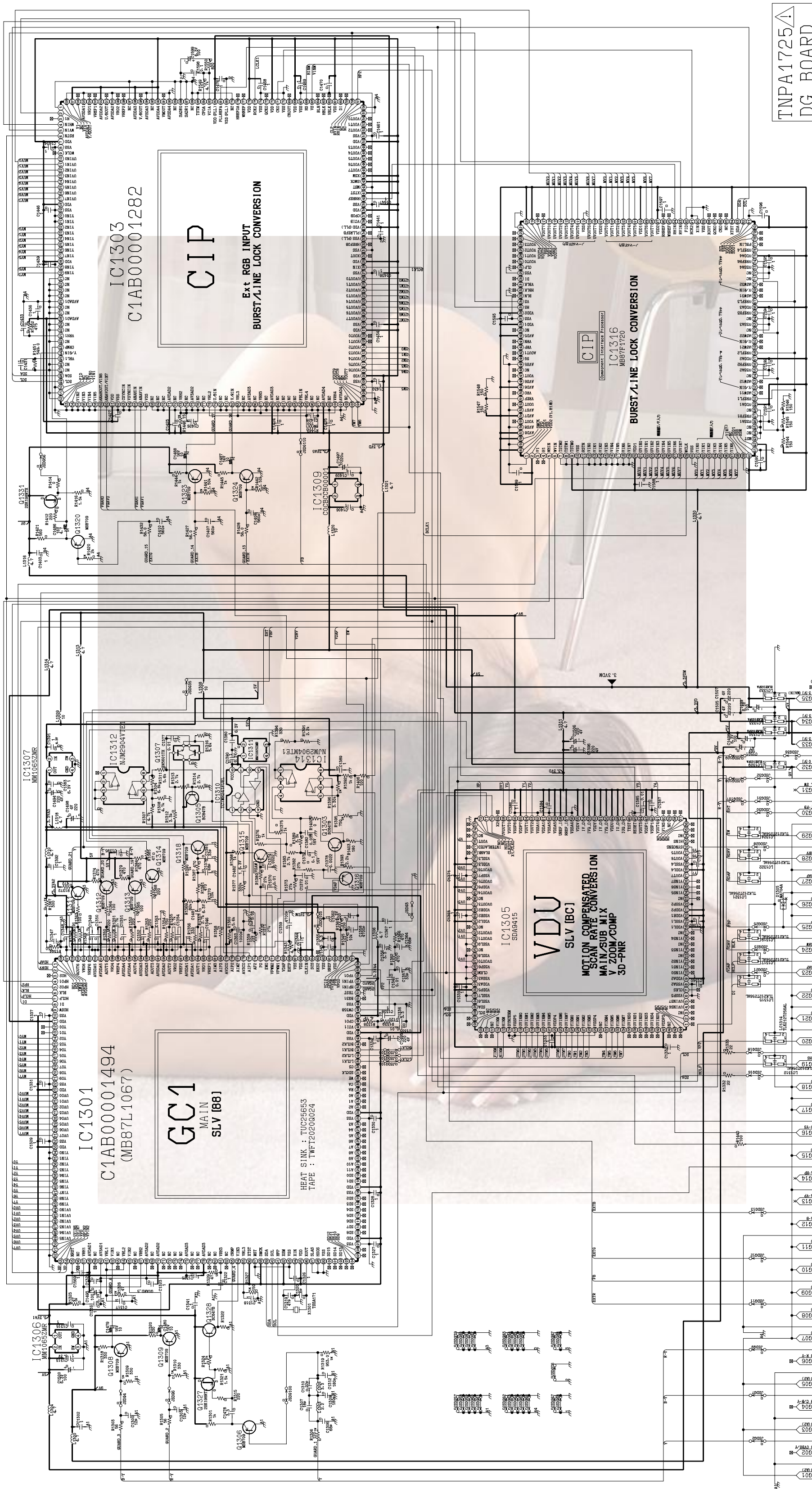
IC460

IC461

IC462



TNPH0379 A BOARD



TNPA1725⚠
DG BOARD

