

PHILIPS CHASIS "GR"

MODS: GR 1356(20"). GR 1368(21")

CHASIS: GR1-AX LA 1355

Channel selector and Power supply

GR1-AX LA

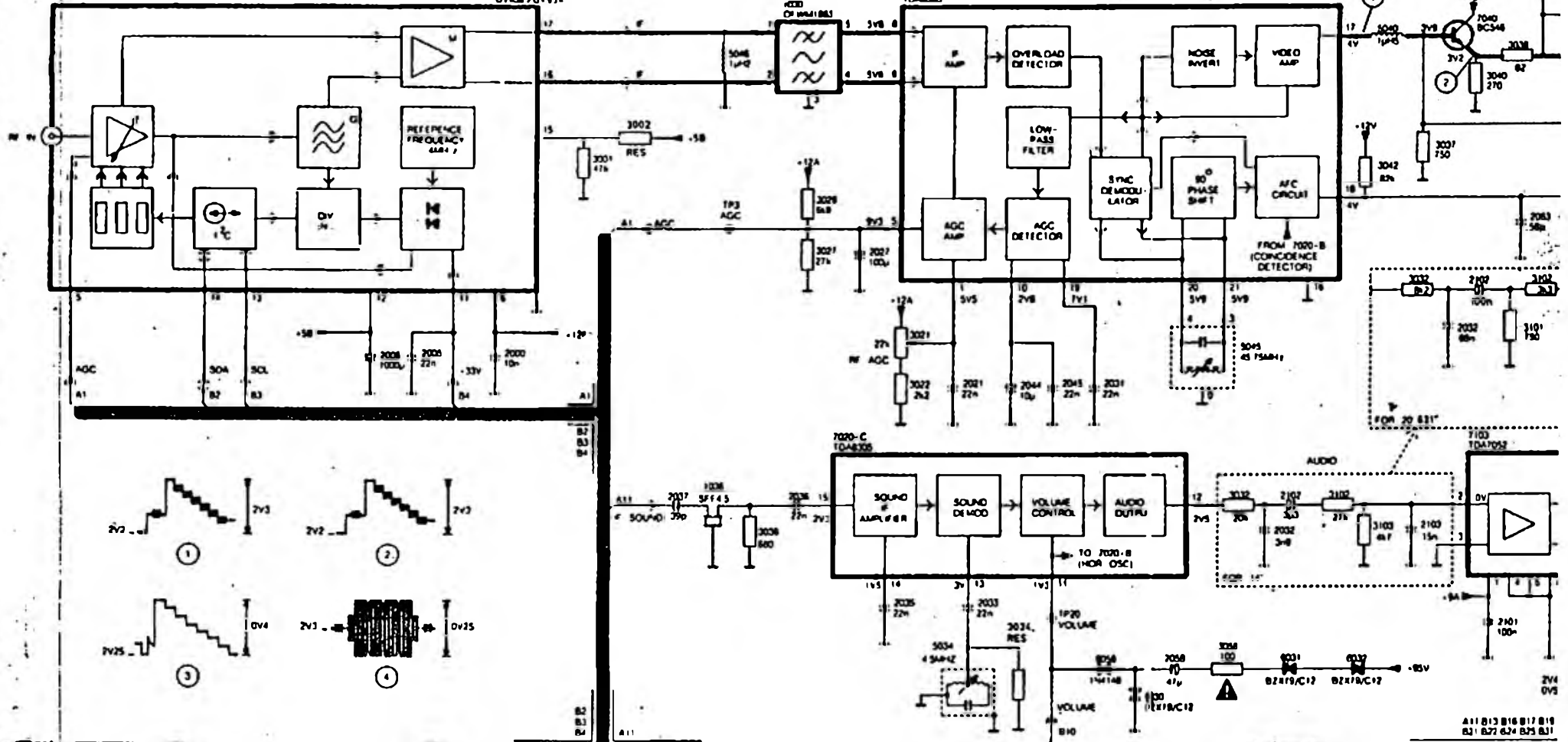
GR1-AX LA

DIAGRAM A

CHANNEL SELECTOR

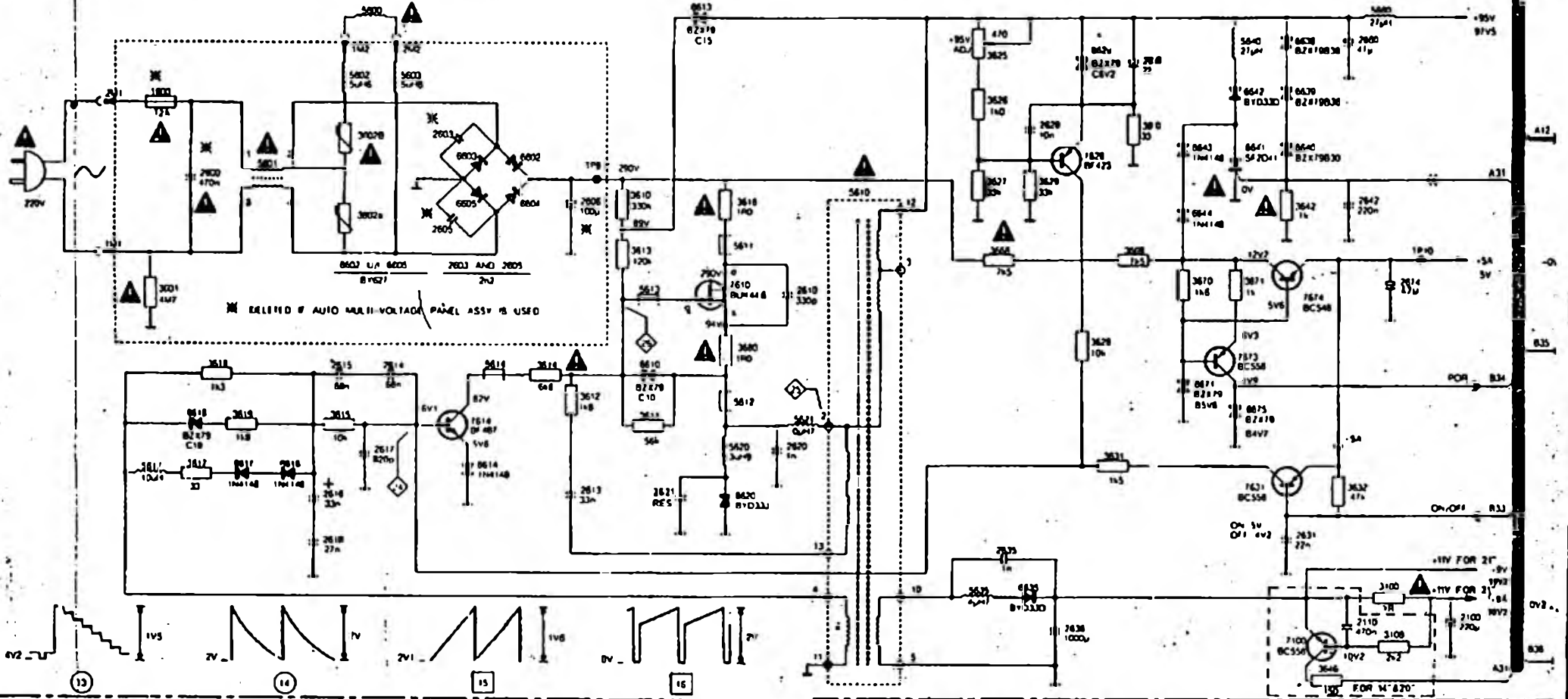
1000 UY938 / UY934

IF AMPLIFIER • DETECTOR • AGC • AFC



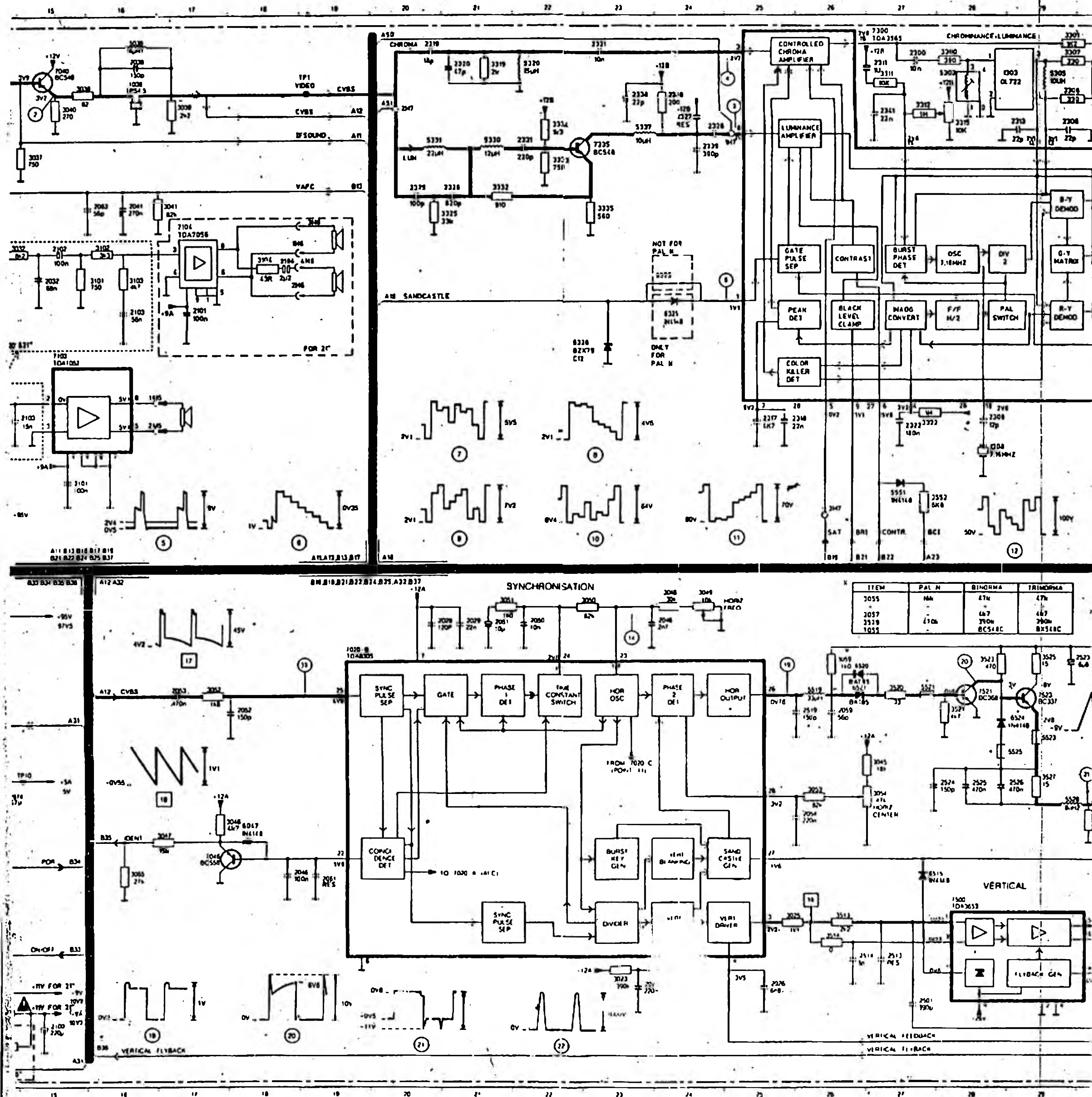
DEGAUSSING

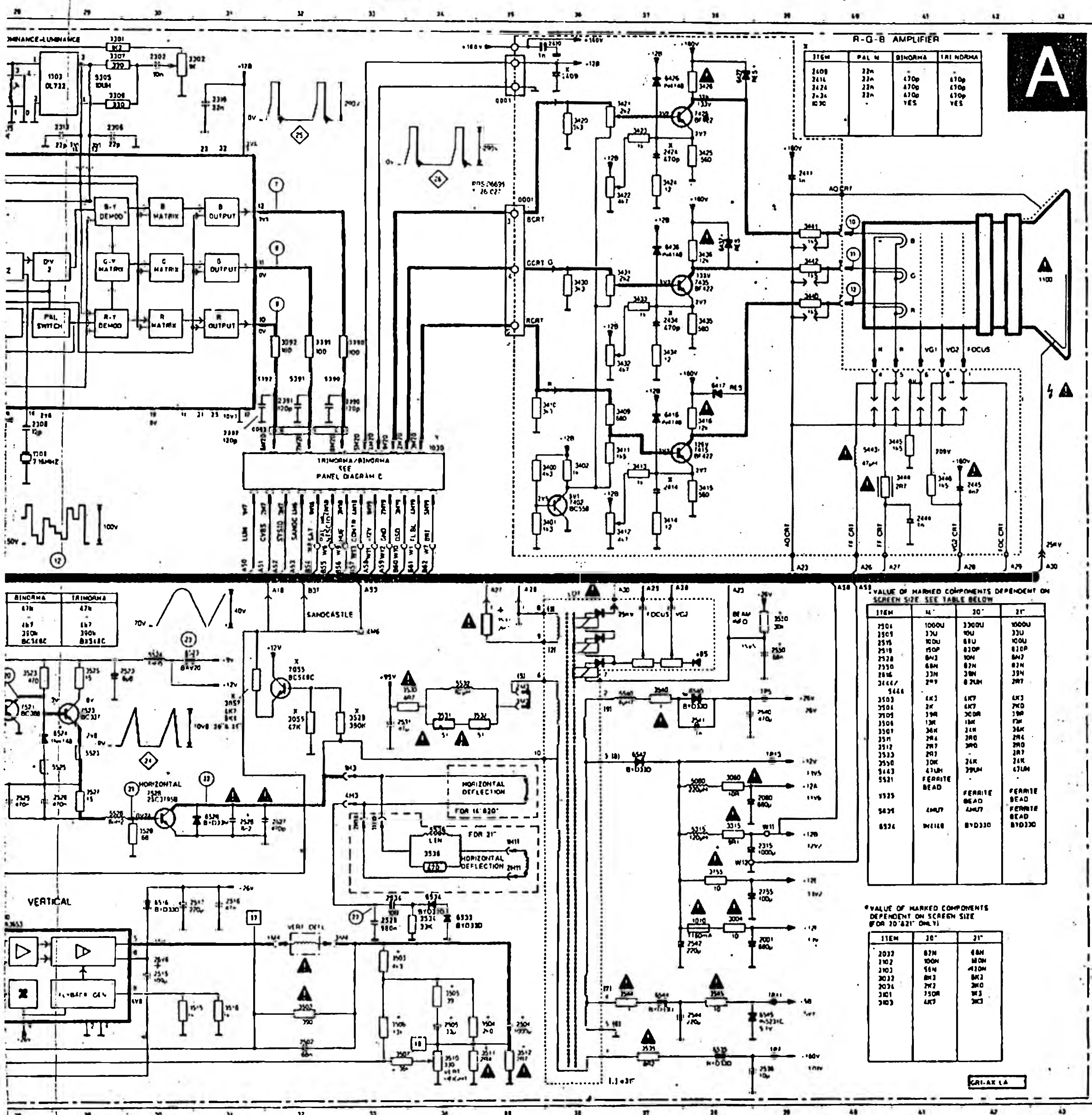
SUPPLY



IF amplifier + detector and sound

Chrominance / luminance and synchronis





CHASIS: GR1-AX LA

GR1-AX LA

The schematic diagram illustrates the internal circuitry of a television set, organized into several main functional sections:

- Power Supply Section:** Located at the top left, it includes a transformer (T-1) connected to a 70V AC source. The primary winding is connected to pins 42 and 43. The secondary windings provide various voltages: +5A (pin 42), -5A (pin 43), +5A (pin 44), +5A (pin 45), +5A (pin 46), +5A (pin 47), +5A (pin 48), +5A (pin 49), +5A (pin 50), +5A (pin 51), +5A (pin 52), +5A (pin 53), +5A (pin 54), +5A (pin 55), +5A (pin 56), +5A (pin 57), +5A (pin 58), +5A (pin 59), +5A (pin 60).
- Control Logic Section:** This section includes a "POWER ON RESET" block (pins 1, 2, 3), a "NON-STANDBY INDICATION" block (pins 4, 5, 6), and a "DATA PROCESSOR" block (pins 7, 8, 9). It also features a "REMOTE MODELS ONLY" section with a "R. TRANSN." block (pins 10, 11, 12) and a "RECEIVER" block (pins 13, 14, 15).
- Video Processor Section:** This section includes a "PICTURE CARRIER IDENTIFICATION" block (pins 16, 17, 18), a "LINEARIZATION" block (pins 19, 20, 21), a "HORIZONTAL SYNC" block (pins 22, 23, 24), a "VERTICAL SYNC" block (pins 25, 26, 27), and a "DISPLAY ON SCREEN" block (pins 28, 29, 30).
- Audio Processor Section:** This section includes an "AUDIO AMPLIFIER" block (pins 31, 32, 33), a "SPEAKER" block (pins 34, 35, 36), and a "MUTE" block (pins 37, 38, 39).
- Other Sections:** There are also sections for "PAL N ONLY" (pins 40, 41, 42), "PAL M ONLY" (pins 43, 44, 45), and "PAL K ONLY" (pins 46, 47, 48).

The diagram uses standard electronic symbols for components such as resistors, capacitors, transistors, integrated circuits, and transformers. Pin numbers are indicated throughout the circuit, corresponding to the physical pins of the components.

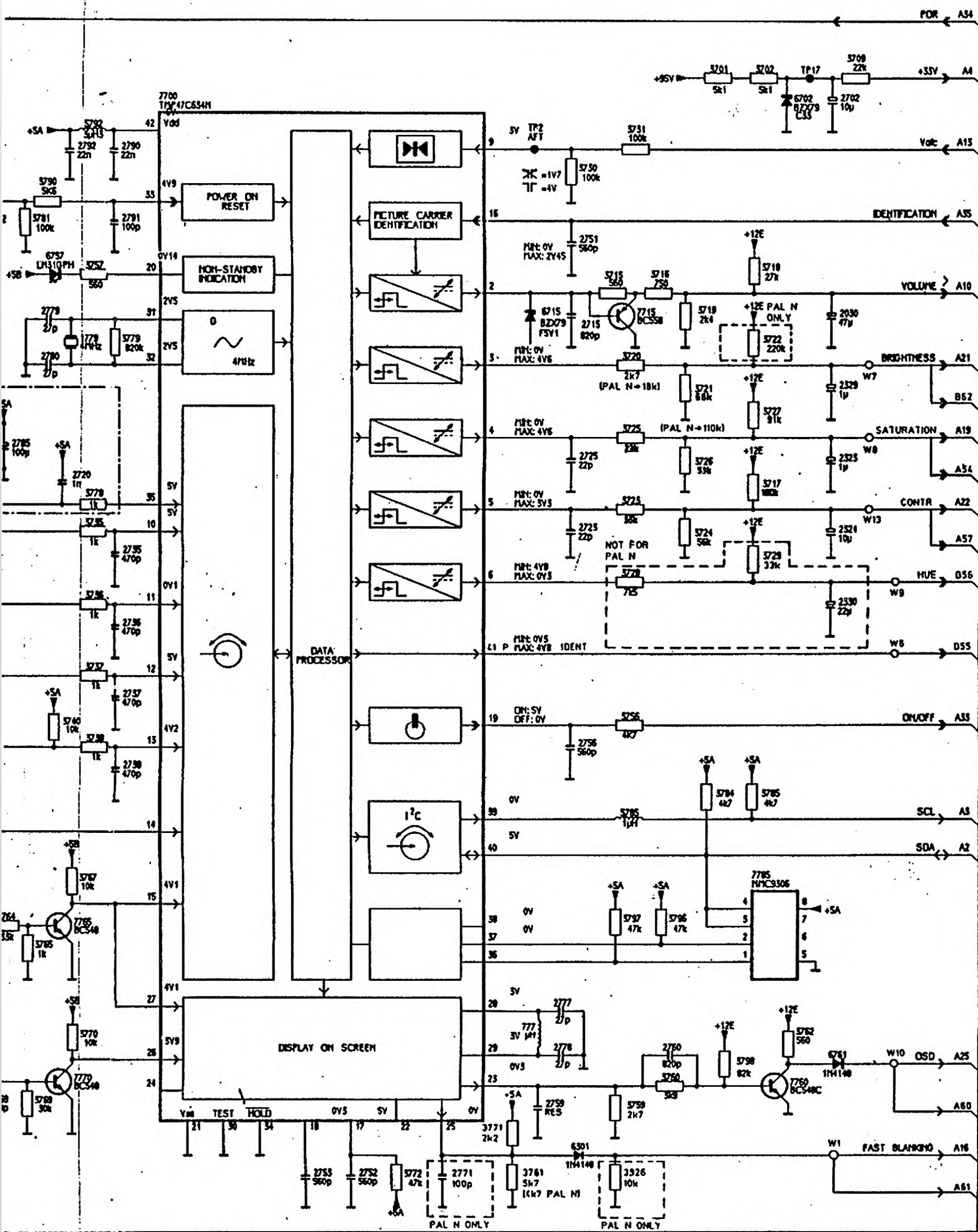
DIAGRAM B (PLL CONTROL)

GR1-AX LA

GR1-AX LA

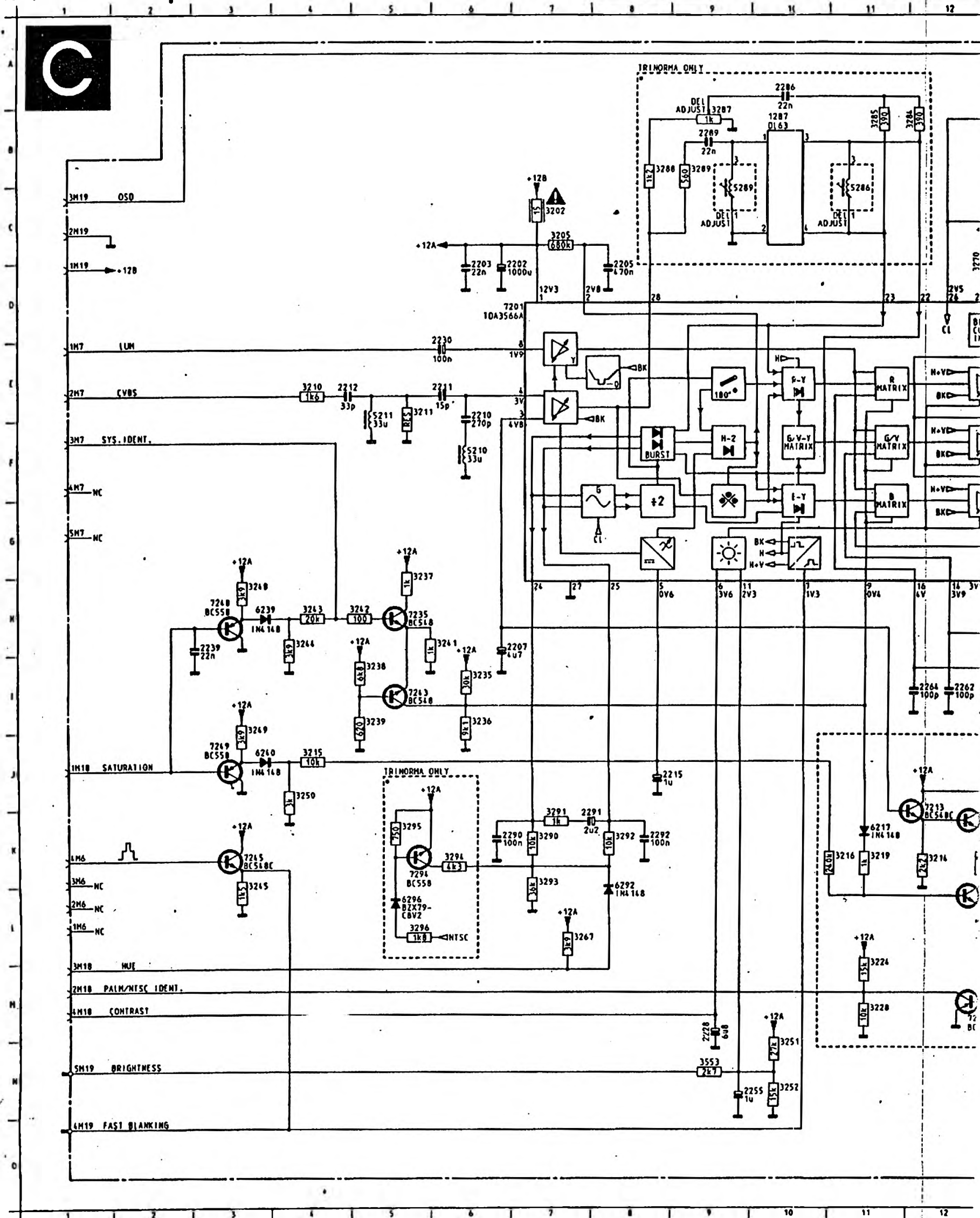
Control

B



CHASIS: GR1-AX LA

GR1-AX LA



GR1-AX LA