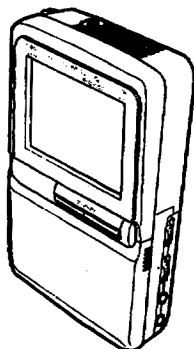


EV-510C (PAL B / G,H)

EV-510D (PAL I)

EV-510I (PAL B / G)

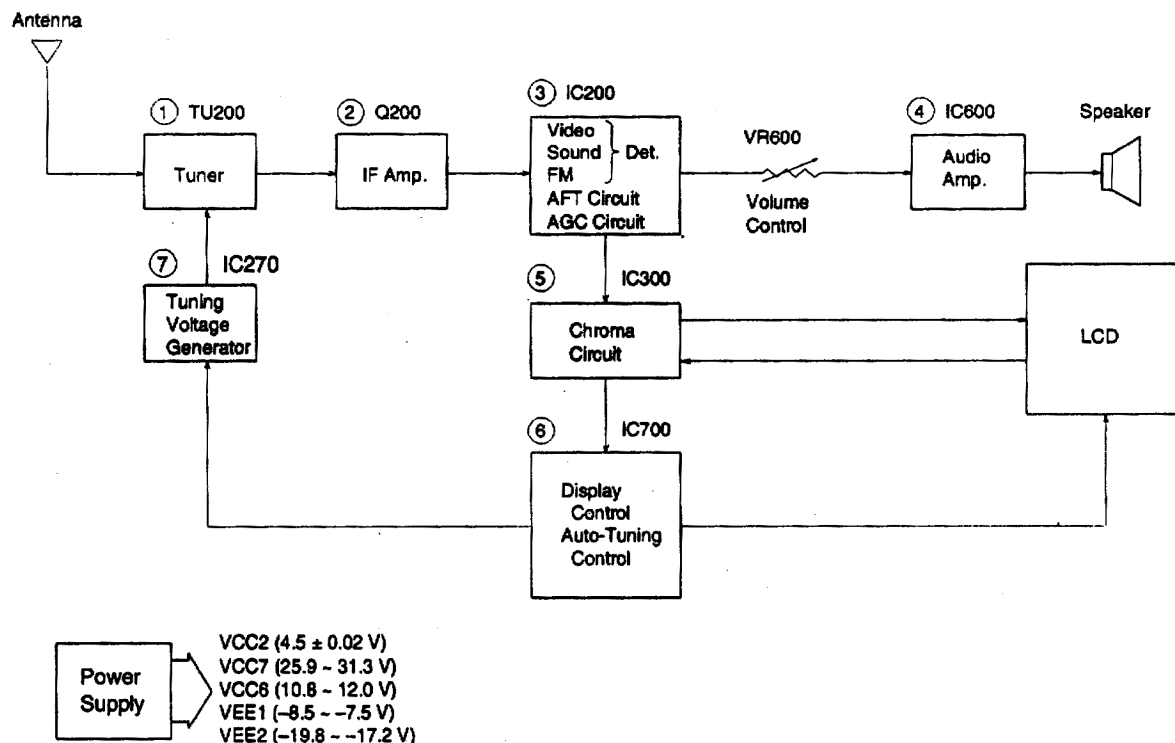
EV-510N (PAL B / G,H)



EV-510

CASIO

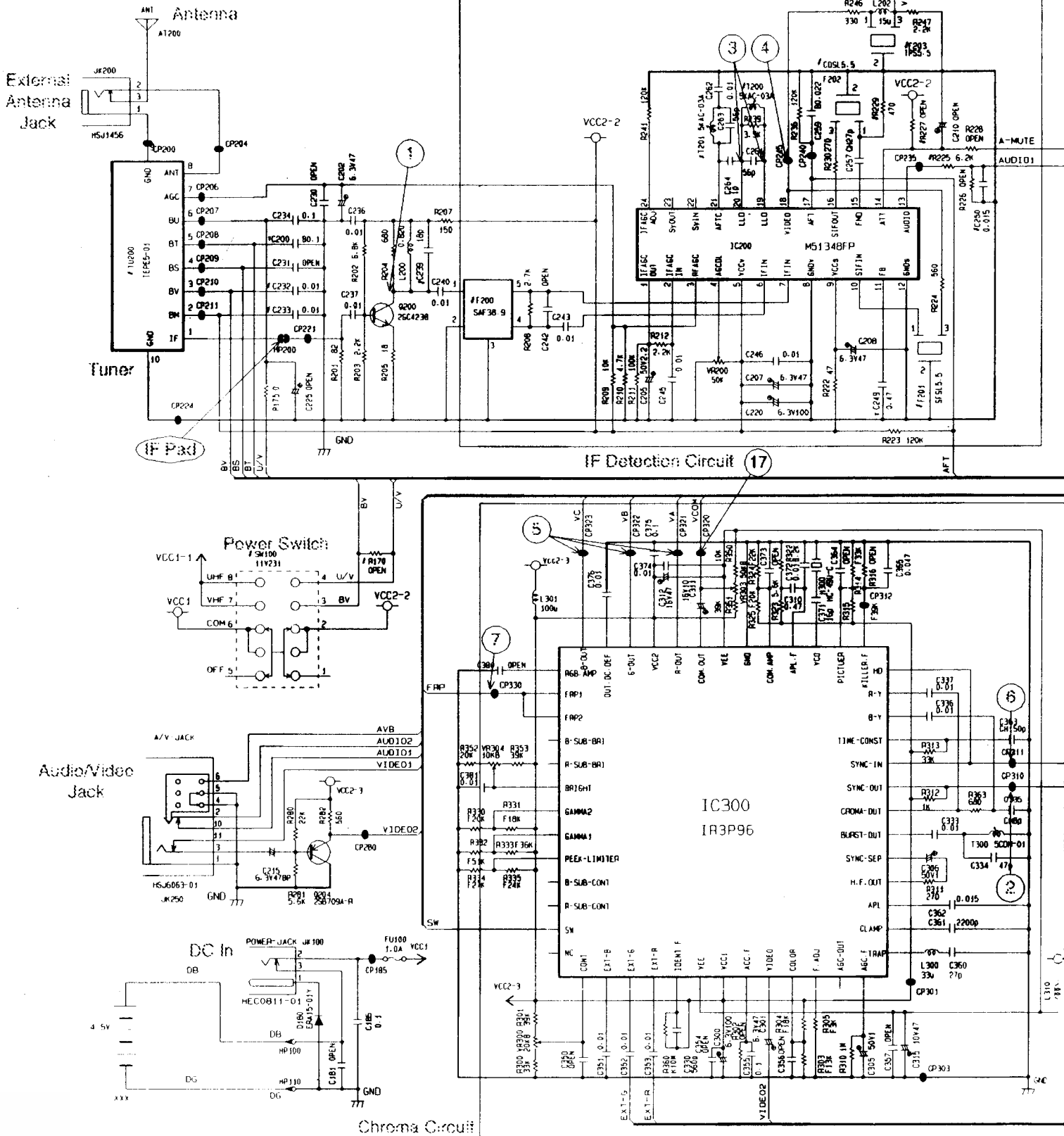
BLOCK DIAGRAM



- ① — Color tuner: TU200 TEPE5-01 (EV-510C/I/N) TEPB5-05 (EV-510D)
Selects a desired radio wave and changes it to the video IF signal.
- ② — Video IF amp.: Q200 2SC4238
Amplifies the video IF signal output from tuner TU200 by 10 times (20 dB).
- ③ — Video det./Sound det./FM det./AFT/AGC: IC200 M51348FP
Eliminates the carrier wave in the video IF signal, and picks up the video signal and the sound IF signal.
Also, the sound signal is picked up from the sound IF signal by FM detection.
- ④ — Audio amp.: IC600 NJM2070M
Sound amplification.
- ⑤ — Chroma circuit: IC300 IR3P96-1
Generates the tricolor (red, green, and blue) from the video signal.
- ⑥ — Display control/Auto-tuning control: IC700 MSM6770CGS
Controls the display.
- ⑦ — Tuning voltage generator: IC270 BA10358F
Generates the tuning voltage with the tuning pulse output from ⑥.

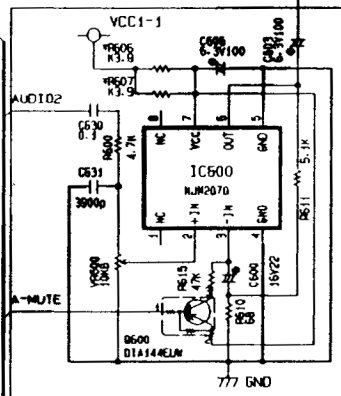
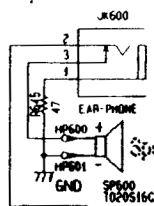
SCHEMATIC DIA

LINEAR (EV-510C/I/N)

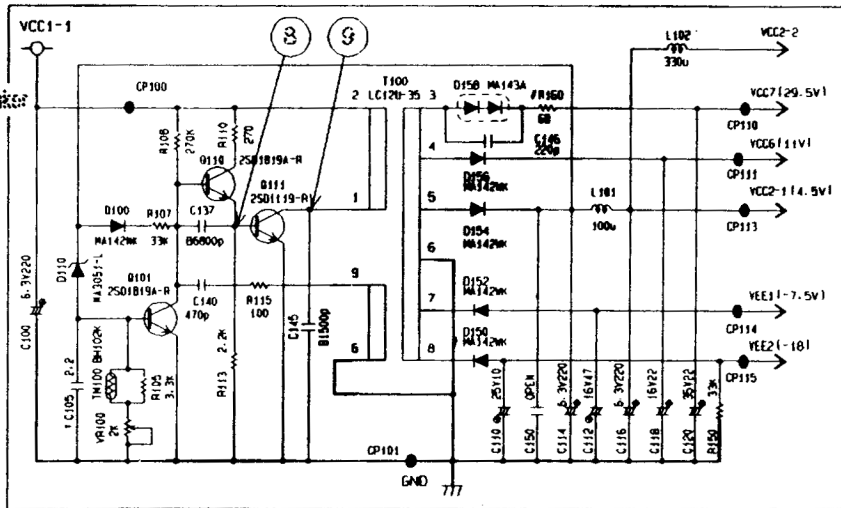


ATC DIAGRAMS

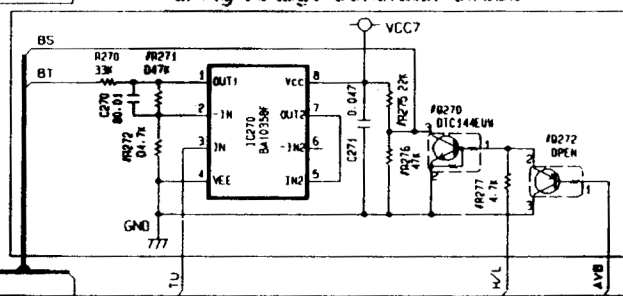
Earphone Jack



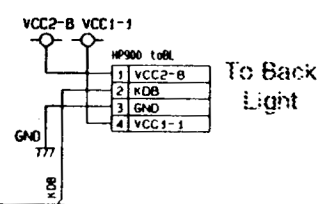
Audio Amplifier Circuit



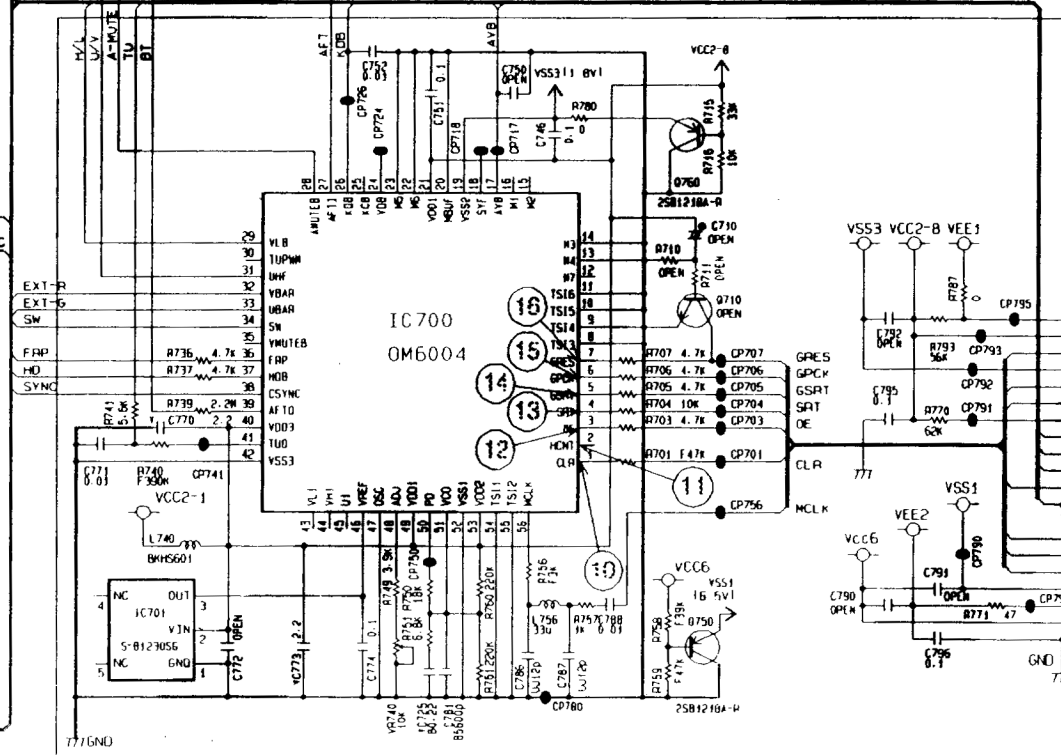
Power Supply Circuit



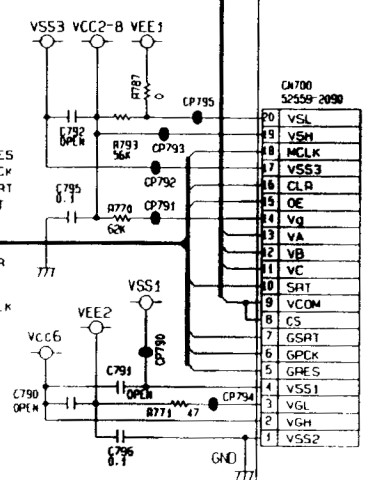
Tuning Voltage Generator Circuit



To Back Light

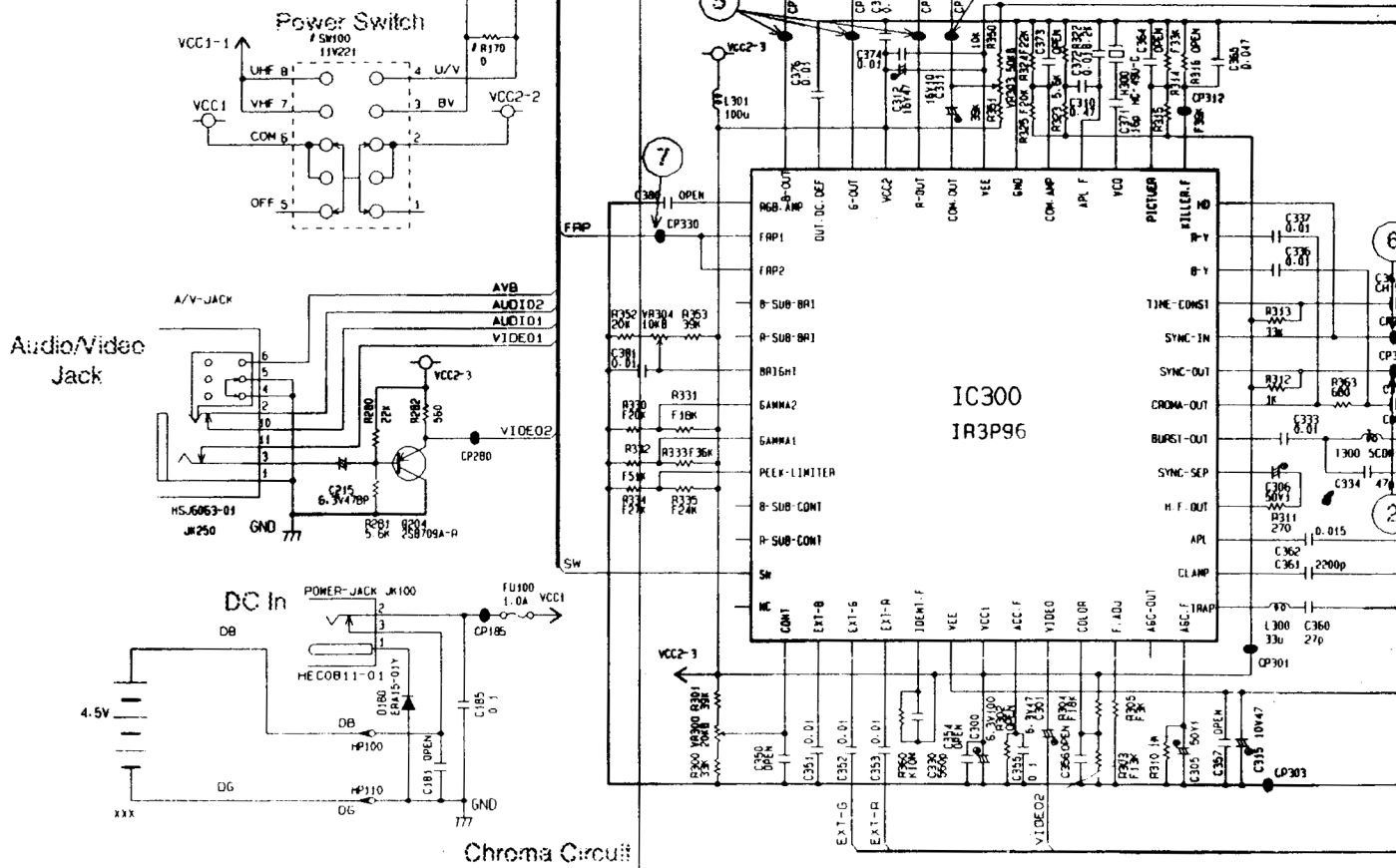
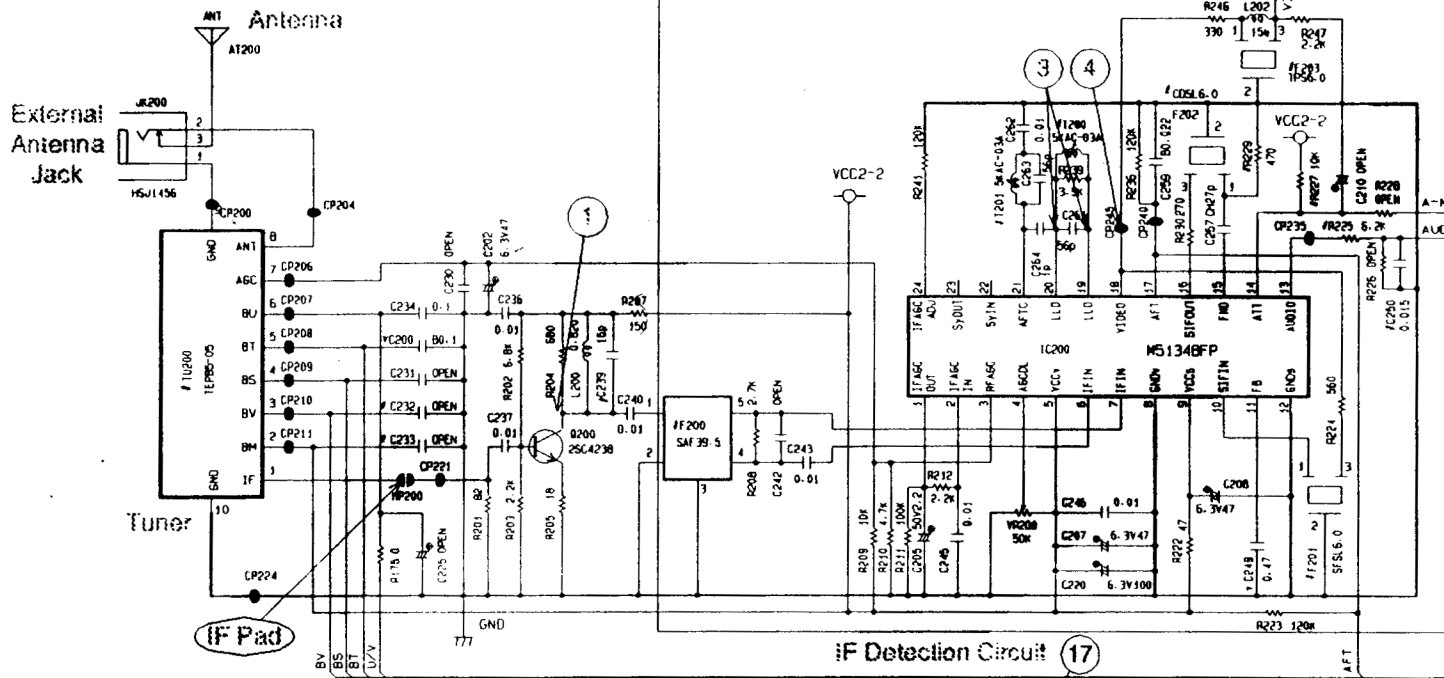


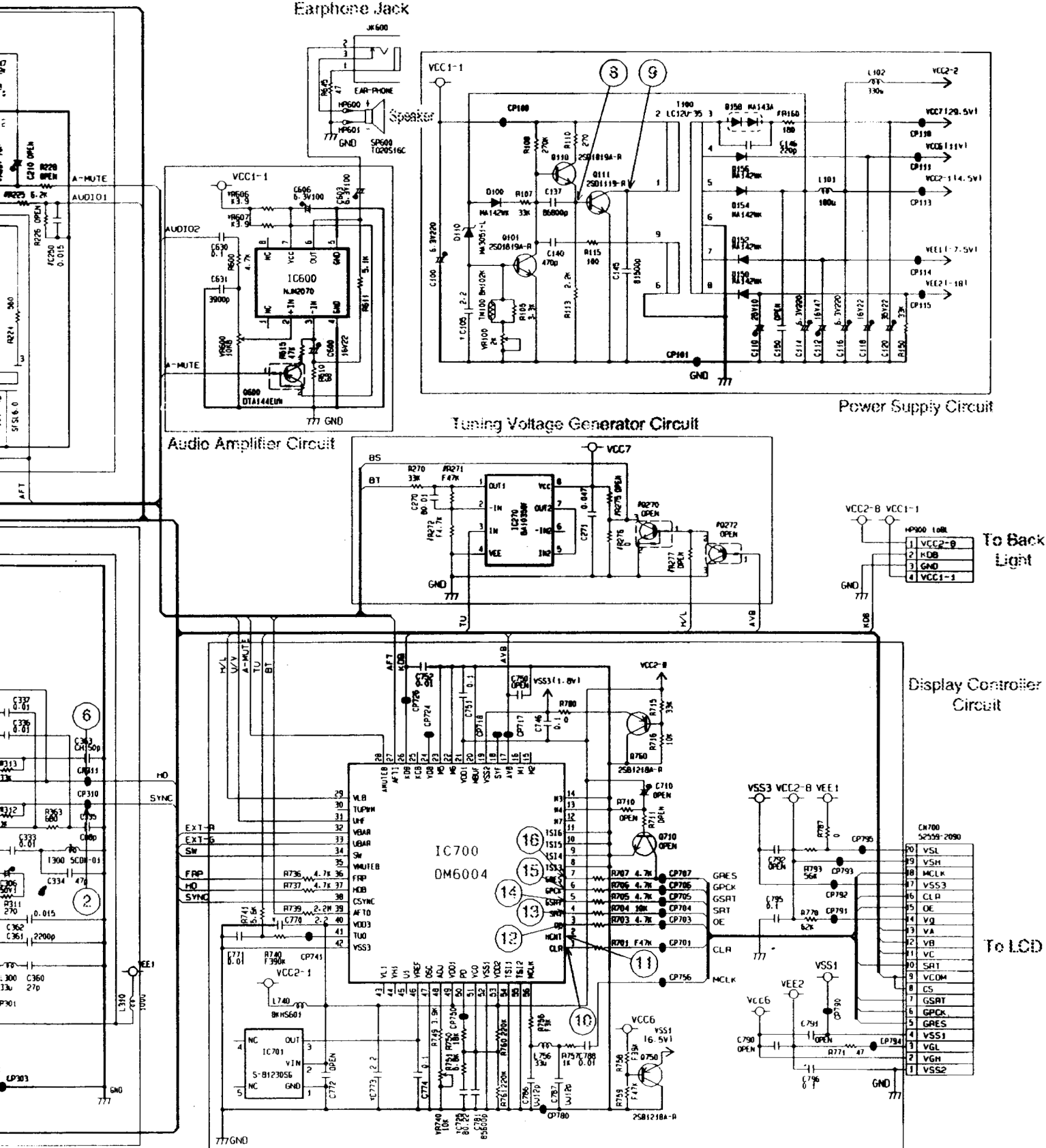
Display Controller Circuit



To LCD

LINEAR (EV-510D)





VCC1-1

