

DESCRIPTION OF ELECTRICAL CIRCUITRYTRANSMITTER:

- 1) The RGB signal from PC (personal computer) goes to the SCAN CONVERTER (IC104) and is converted to NTSC signal.
- 2) The audio signal from PC is modulated by the sub-carrier (6.0MHz) at R (right), and by the sub-carrier (6.5MHz) at L (Left), respectively.
- 3) The NTSC signal and the modulated audio signal are mixed, and goes to TX VCO (1.9GHz).
- 4) MICRO STRIP BPF (FL1, FL2, FL3) takes out the 3rd harmonic of the 5.8GHz from the modulated signal.  
And after the signal is amplified by TX AMP (Q506, Q507, Q508), the signal is emitted from the antenna.

## RECEIVER:

- 1) The signal received by the antenna passes through the bandpass-filter (L416), and is mixed at IC404 with the local signal which was made by VCO (851.24 ~ 874.28MHz). And the IF signal is obtained.
- 2) The IF signal goes to IC405 via pin 5, and demodulated by IC405, and goes to CPU (IC4).
- 3) The CPU (IC4) removes the control data, and goes to PC.