

THE ELEMENTS OF RF MODULATOR

After correct connection, “Video Detect Circuit” automatically detects whether there’s a video signal input. If yes, “Video Detect Circuit” outputs a high level volt power supply to control “Power Control Circuit” to output a 5V Volts power supply. It supplies to “Modulate Circuit”, and at the same time, “Electronic Attenuation Circuit” slides down the power supply of “RF IN” procession. The “Electronic Switch Circuit” switches to work at the “Modulate Circuit” and will modulate RF signal at last. If “Video Detect Circuit” can’t detect a Video signal, it outputs a low level volt to control “Power Control Circuit” to output a 0V Volts power supply and will stop “Modulate Circuit” working, at the same, “Electronic Attenuation Circuit” will not slide down the power supply of “RF IN”. The “Electronic Switch Circuit” switches to work at “RF IN” procession.