

Circuit Description

The camera is based on a single-chip DRF-TR001, the 2.4G Digital transmitter, which has an oscillator of 16MHz, camera sensor (MI-0360), which uses an oscillator of 12MHz, providing a high quality video, when the video signal and audio signal are input, the signal goes to the ES09V01A, the M-JPEG Encoder with base band processor. It has a built-in audio microphone, auto turn on/off IR LED for night vision and audio alert when audio volume is over preset level. Microprocessor (ES08V01A) codes and decodes the video and audio signal and sends the digital signal to the DRF-TR001 modulation for transmitting the final RF radio.