

1. camera and 2.4G transmit circuit description

The outdoors scene focus on CMOS SENSOR U1 via optical lens, generate max 300thousand pixels/frame image sensitive signal, the signal is process by U1chip and output 10Bit digital video signal to U2 chip, then the signal process through U2 DA conversion and video 75ohm amplified, then the composite signal output from pin32, transmitted to input pin of video signal of 2.4G module, modulated 2414~2416MHZ frequency and amplified by RF, eradiate to air via antenna. The supply voltage is DC 12V, output 5V to 2.4G module and camera via DC voltage-down circuit individually.

