

Wireless video door phone

Basic Circuit description

Firstly the MIC of outdoor unit accept the audio signal and transmit it to the audio processor IC(W681308), secondly it will be converted A/D and transmitted to the RF module meantime video signal will be also transmitted to the RF module via the CCD camera, the both of audio and video signal will be modulated on the RF module, lastly it is transmitted out via the antenna.

Indoor monitor 90302-CEM (basic component)

CON 1, U4, MZ4054, U10, ME6211: power supplier.

U7 W681308: audio processor circuit

U3: IC for melody ring.

TF-CN1: the circuit for Micro-SD card

LCD 1: display circuit for 2.4 inch TFT

U6, GPL32500: RF control IC.

U8: RAM

MOD1: RF Rx/Tx module.