

Description

CAMERA module are combined with ZC301PLH and MI360 (303), USB port connect with Main board, camera module working by 5v power supply. U4 convert to 1.8V and U3 convert to 3.3V by 5V Voltage then supply power to ZC301PLH. U1 convert to 2.8V by 3.3v voltage and then supply power to MI360 (303) by 3.3V voltage.

CPU is combined with U1, W90N745, U3, W19B320ABT7H, U2 and W9812G6XH-6, CAMERA module, the data of USB transmitted to the router by CPU, The IO of W90N745 by U13, 74HC259 and U6ULN2803A control the rotation of motor.

Audio circuit U4, WM8731 includes voice input and the amplifier, Digital Signal was been transmitted . Sound input from the audio conversion completed by the WM8731, 3.3V and 5V power supply

Network circuit consists of U10, DM9161, and T1 network transformer, NJ1 composition! Voltage is 3.3V, in the condition of a network cable, preferred to network connection!