

Description of Circuit

1. U1 via USB connect the computer then transmit the image signal to computer.
2. U2 and U3 act as memory to provide the storage of the image signal
3. U4, U5 and U6 act as DC power system to provide the stable power source for device.
4. U7 acts as video sensor to capture the image to U1
5. U1 acts as the main MCU to do the image processing, controlling the device, sending the image data to PC, memory and SD Card through the SD socket.