

CIRCUIT DESCRIPTION

The USB hub is inserted to the USB socket of computer with the USB cable. Other device can be inserted to the socket of the USB hub. Data can be transfer from device to the MCU GL850 in USB hub. After the GL850 process the data, the data will decode to a signal. The signal will pass through to the 3.3V XC6203E regulator to regulate current from DC jack during data transfer. The oscillator in the circuit is 12MHz. Then, the signal will be transmitted to computer through the USB cable connecting to computer. Data can be also transmitted from computer to USB device in the reverse way. After the switch turns on, the ionizer turns on.