

Circuit Description

PC or server through the KT-150 (USB interface) or KT-250 (PS / 2 interface) encoder (the computer's mouse, keyboard signals through the IC (IC operating frequency 11.952MHZ) into RS-485 differential signal transmission. VGA display signal into a differential signal through the IC, the two differential signal transmission to the encoder of the RJ45 interface. After a CAT5 type cable transmission decoder KS-3104 3108 3116 to RJ45 differential signal interface, After the remote and local control personnel microcontroller input control instruction command and then send commands to the microcontroller input KS series switch IC, Have a choice to set the user's PC or server or select signal 1: the mouse, keyboard, switch to the KS series of decoders for RS-485 IC mouse, keyboard signal decoding. Then input to the USB interface chip by the local side of the USB mouse, keyboard output. And then the other input to the PS / 2 interface chip by the local PS / 2 mouse, keyboard output. 2: VGA signal to switch to video signal differential decoder chip, the VGA interface to the local input to the monitor.