

Circuit Description

CAT5 LCD CONTROL PLATFORM can be a good solution for single server or across multiple PC server room management and routine maintenance. Equipment will be a good LCD monitor, ultra-thin keyboard and touch mouse combination intact, eliminating the need for a more complex interface cable to save space. CAT5 KVM LCD built-in circuit through the PC or server KT-150 (USB interface) or KT-250 (PS / 2 Interface) encoder (the computer's mouse, keyboard signal 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 RJ45 interface class through CAT5 transmission line decoder (KS-3104 3108 3116) of the RJ45 differential signal interface After the remote and local staff side input control instructions control commands microcontroller (operating frequency 16MHZ), and then send commands to the microcontroller CAT5 KVM switch input circuit IC, a choice will need to set or select the user's PC or server signals a : mouse, keyboard, switch to CAT5 KVM series decoder RS-485 IC for mouse, keyboard signal is decoded and then input to the USB interface chip (operating frequency 24MHZ) by the local end of the USB mouse, keyboard, LCD output that comes with touch mouse and keyboard and then the other input to the PS / 2 interface chip (operating frequency 16MHZ) The local PS / 2 mouse, keyboard output that is local mouse and keyboard. 2: VGA signal to the video decoder chip differential signal from the local end of the VGA interface built into LCD display.