

## **Circuit Description**

VGA Splitter is a signal amplification to an input multiple-output then to electronic products. Product works by computer graphics input VGA signal input connected to the product through the port plug signal into VGA signal circuits, as multi-output signal strength will be reduced in order to ensure the output signal of the screen and the VGA input signal exactly the same , so the signal power amplification. The product of the three primary colors of the input signal composite signal using the transistor amplifier circuit. Line field signal by the signal buffer IC and finishing. Then the electrical impedance through the input and output through the output port of the connection and then output to the monitor. The whole process is a signal amplification process of distribution. This product offers the work of the circuit does not need the crystal oscillation frequency. Therefore, this product is not operating frequency. However, after the product amplified signal bandwidth up to 100 ~ 150MHz.