

OPERATION PRINCIPLE

This is a USB to 10/100Mbps Ethernet adapter. Data transfers between the Ethernet RJ45 connector and the USB host, such as a computer. The power is drawn from DC +5V from the USB host port, then step down to DC +3.3V by a Low-Dropout Voltage regulator. The main IC MCS7830 is clocked by two quartz crystals 12MHz and 25MHz.