

Torque Tool Circuit Description

The Torque Tool uses the Power : 1.5V * 4 (AAA Battery * 4) to work, when power on, the Torque Tool will work. The angle sensor and torque sensor will transport the signal information to the MCU ,which the crystal is 4MHz, and display on the LCD, the MCU will deal with the sensor information and send to the transmit module, the modulation method : FSK. working frequency : 2.44GHz,,which uses the Integral antenna. Radio out put is 0dbm.the final signal will transmit from the ant, to the receiver. And Torque value readout will shows on LCD display. And the same work cycle as before, after turn the wrench on for 100~200ms, the signals from torque sensor and angle sensor will transmit to MCU. After then, the signal from the MCU will transmitting through the Transmitter Module to the Receiver.