

2600KL Circuit Description

Theory of the Electronic Scale as below:

Once placing an objects on the platform, pressure pass to the sensor and make the sensor transformed, so that the impedance changed. In the mean time, using the excitation voltage to output an analog signal. The signal will be outputted to the converter by using the amplifier and converter will convert the signal to be the digital signal and pass the signal to the CPU for calculation. CPU,employed a 8MHz crystal, will follow with the command and the application to output the signal to the display.

Key function as following:

Key function specification (9keys, not including PRINT):

- 1 ON/OFF;
- 2 HOLD/RELEASE/RIGHT;
- 3 REWEIGH;
- 4 ENTER;
- 5 KG/LB/UP;
- 6 ZERO;
- 7 TARE/PRETARE;
- 8 BMI;
- 9 RECALL