Outline

CS7721 It is a high performance, low power consumption, 3 Bit analog to digital converter ¾ microprocessor, comprising internal 8 Bit microprocessor, low noise, high stability of the operational amplifier, the operational amplifier AC rectifier, voltage level, and the modulation circuit, high stability bandgap reference, automatic measurement switch and a control circuit function, frequency and duty cycle measurement circuit, bee buzzer driving circuit, a clock oscillation circuit, a backlight display / control circuit, LCD Display driving circuit.

Its characteristics are as follows:

- Supply Voltage Range: 2.4 ~ 3.6V
- Maximum display: 4000 (3 ¾ Bit)
- Conversion rate: 3 Times / second
- Negative indication: Automatic
- Low voltage indication: about 2.4V
- Clock Source: 4MHz Crystal Oscillator
- Buzzer driving circuit (frequency of about 2.7kHz)
- have RS232 Serial data output
- Built-in AC / DC conversion of the operational amplifier
- Unit Symbol display
- With a reading hold function
- Backlit display having
- With automatic shutdown (cancel in use)
- Measurement type: DC / AC voltage / direct current / alternating current / resistor / diode

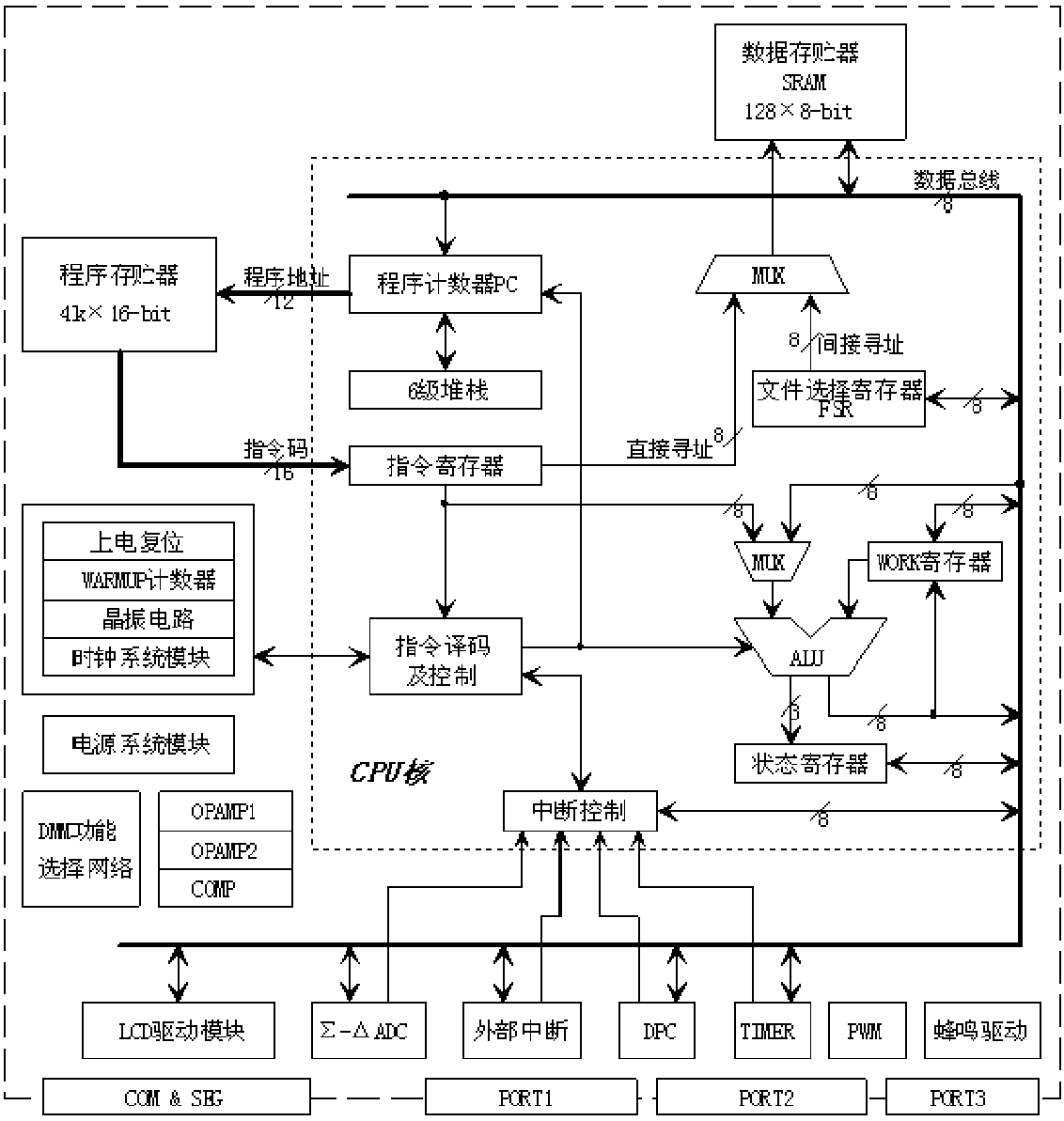
  Open and short circuit detection / frequency / duty cycle
- Package: QFP100 , Soft seal
- The main purpose: autoranging handheld digital multimeter

  Digital card autoranging multimeter autoranging digital pen

  type clamp meter autoranging meter (hook table, Clamp Meter)

  Digital Panel Meters

Functional Block Diagram



功能框图