

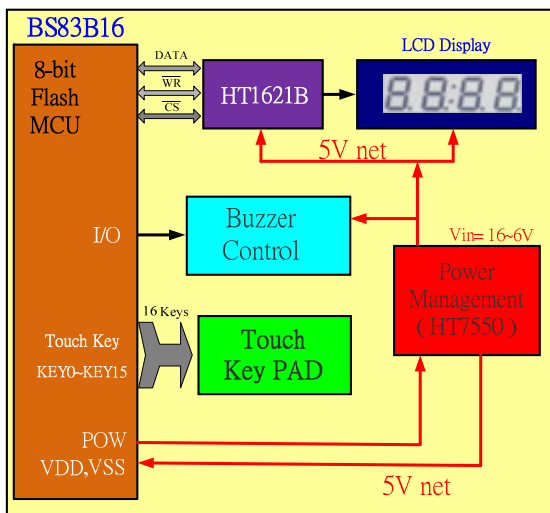
Touch Direct-Key LCD

BS83B16 + HT1621B



Characteristics

- Touch MCU : BS83B16 24SSOP (8-bit Flash type MCU)
- Up to 16 keys (KEY0~KEY15) Touch Key with integrated EEPROM
- Few peripheral components needed and high stability
- Excellent S/N ratio and stable touch control with 5mm thick acrylic case covering the key pad

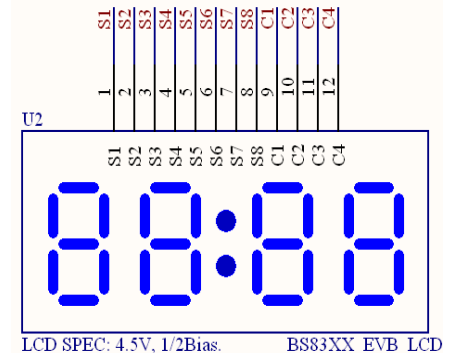
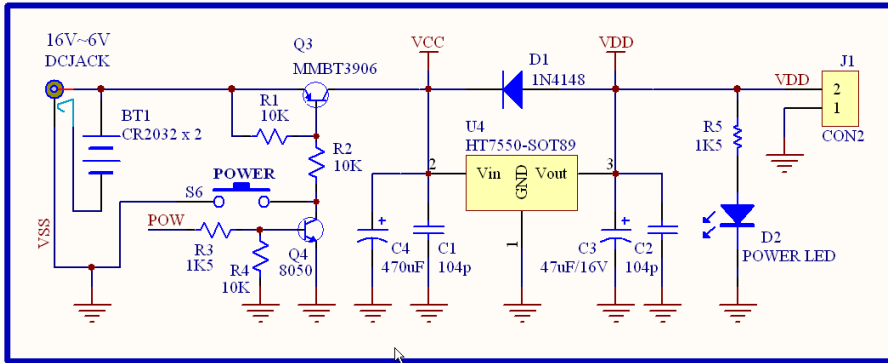


Operating Procedure

- Power on : Press power-on switch – emits a long beep and power LED (Red) illuminated - display shows "8312", "-LED" for 1 sec, then "----" in standby mode. Touch [⏻] Key to switch from the standby mode to the operating mode.
- Press [F1] -- display shows "F-01" for the following functions : Press the [0] ~ [9] for display input - four digits max. [#] saves displayed digits - display will show "SEAL". [*] to delete displayed digit - display shows "dELE". Press [F1] after storing - display shows "F-01" to save the digits, otherwise "□□□□" will be shown after deletion.
- Press [F2] -- display shows "F-02". Operates in similar way to above [F1] function.
- Press [F3] -- display shows "F-03". Operates in similar way to above [F1] function.
- When [⏻] Key is pressed for 2 seconds or no touch key is pressed for more than 3 minutes, four short Beeps are emitted and the system powered down.

Application Circuit

SYSTEM POWER



PA_SW

