

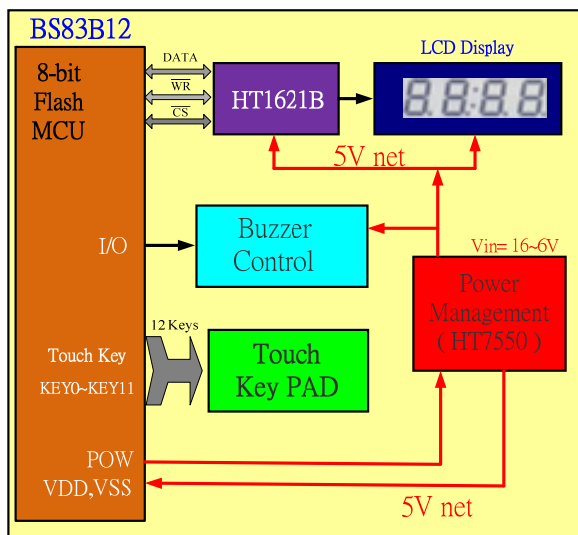
# Touch Slide-Key LCD

## BS83B12 + HT1621B



### Characteristics

- Touch MCU: BS83B12 20SSOP ( 8-bit Flash type MCU)
- Up to 12 keys (KEY0~KEY11) Touch Key with integrated EEPROM
- Few external components needed and high stability
- Excellent S/N ratio and stable control with 5mm thick acrylic case covering the key pad

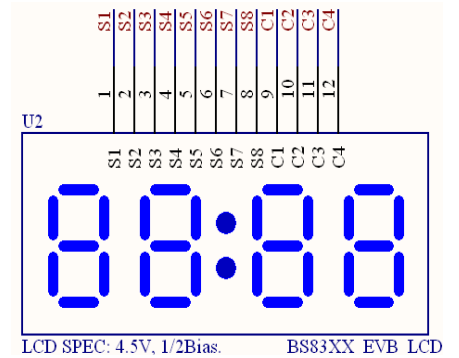
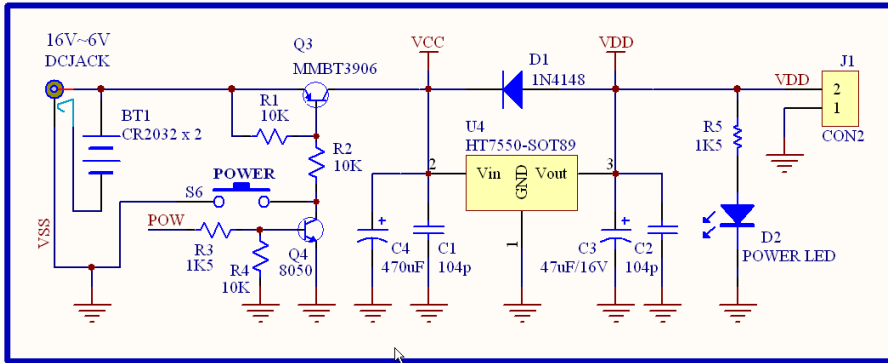


### Operating Procedure

- Power on : Press power switch – long beep and power LED (Red) is illuminated. LCD displays "8312", "-Lcd" After one second then shows "- - - -" and enters standby mode. Press [⏻] to enter the operating mode.
- Press [F1] -- LCD displays "F-01" "-00-" Direct entry keys as follows : [+] digit+1, [-] digit-1, max display "-99-". Press [+] or [-] for > 1 second for fast adjustment.
- Press [F2] -- LCD displays "F-02" "-00-" Use Slide key for the following functions : Finger touch from [-] to [+] for digit+1. Finger touch from [+] to [-] for digit-1. Max display value of "-99-".
- Press [F3] -- LCD displays "F-03" -- Direct Key + Slide Mode for the following function : With F1 + F2 functions -- no fast adjustment function and only operates after finger touch is removed.
- When [⏻] is pressed for 2 seconds or no touch key is pressed for more than 3 minutes, four short Beeps will be given and the system powered down.

# Application Circuit

## SYSTEM POWER



## PA\_SW

