

## Circuit Description

Model No: CSBB-03IP

1. Main architecture Bluetooth Module GH-20730(U1), Manufacturing with the Guohong IC Design. secondary structure from Power IC EMP8733(U3), Battery Charger IC EMC5754(U2), Battery Li-Ion, KeyPad combination.
2. EMP8733(U3) for the regulator IC, Provided by the li-Ion Battery 4.2V transferred to EMP8733(U3) Module 3V power supply operation
3. EMC5754(U2) is charging IC, the USB 5V supply to the EMC5754(U2) for Li-Ion Battery Charge.
4. Bluetooth Module GH-20730(U1) is the use of roadcom BCM20730 Bluetooth module Bluetooth controller. The module used with the Keypad, then EMP8733(U3) provides 3V to this module. Built-in Bluetooth HID profile firmware persist. The module integrates the PCB antenna, crystal, EEPROM, and switching regulators, fully compliant with the Bluetooth radio specification, version 3.0
5. The Bluetooth Keyboard maximum target power is -3.232 dBm $\pm$ 1dBm.