

## BCK03 principle

- 1) BCK03 FM transmitter for a Bluetooth hands-free Bluetooth Car System, using CSR's BC4 Bluetooth chip BC413159A11 Mono as a Bluetooth headset programme, the combination of Fortimedia FM2010 DSP processor chip as a response to eliminate echo and noise suppression. KT0801 voice through stereo FM transmitter to launch, through an MCU EM78P156 FM transmitter to control the emission frequency and frequency instructions.
- 2) Power supply to part of a collection of 300 mAH battery-powered, boot shutdown has Bluetooth control to control, charging some of the special charge management IC to complete. Bluetooth chip to the internal power supply circuit to provide P1V8 voltage power supply Bluetooth, Bluetooth post PIO0 feet will always output to drive high-power IC U1 to the FM transmitter power supply and power MCU, DSP Fortimedia the echo processing chips Only on the phone before work, when Bluetooth connectivity phone, call or come to the phone, high-output PIO4, U3 power IC, to FM2010 electricity, DSP start work at the same time audio switch switch to Bluetooth This audio path, and through the launch KT0801. Car stereo can receive a voice. When the call ended, audio switch will hit the road to this external LINE\_IN through external LINE\_IN voices can launch. FM frequencies in the Bluetooth Settings button can be activated after boot FM transmitter frequency settings and switch. Set at a nominal frequency point, the corresponding light will be bright.
- 3) When the battery power is low, can be used to the computer's USB connection to the local charge.