Functions of USB Plug

1. To input by charging of Micro USB cable, direct current 5V/1A. Working principle: Through internal management control unit of CSR8635, to charge the battery when USB cable inserted. (Max current is 300mA.)

   通过 MICRO USB 线进行直流 5V/1A 的充电作用作为输入功能，原理为 USB 充电线插入 USB 插头时会通过 CSR8635 芯片内部充电管理单元控制充电电流给电池充电:最大电流为 300mA.

2. To output voice frequency by micro USB headset when micro USB plug inserted. Working principle: DSP installed in CSR8635 handles the signals and outputs the digital differential signals. By amplifier, it can output right & left tracking of simulated sounds signals by connection of USB plug and headset.
   The pins inside the USB plug have no data function at all, and also no USB functionality, but besides DC charging, the pins are only used for analog audio signals output.

   通过 MICRO USB 插头对外接 MICRO USB 耳机作为音频输出功能.原理为：CSR8635 内部具有 DSP 处理后输出数字差分信号并通过运算放大器输出左右声道的模拟音频信号，通过 USB 插头输出到耳机里。
   USB 插头内的针没有数据传输功能,也没有 USB 功能,但除了直流充电, 针只是用于模拟音频信号输出。

Attestation:

City and Country	Date	name of authorized	Title of authorized signer	Signature
Shenzhen, China	2015-3-11	Penny	Sales manager	*Penny*