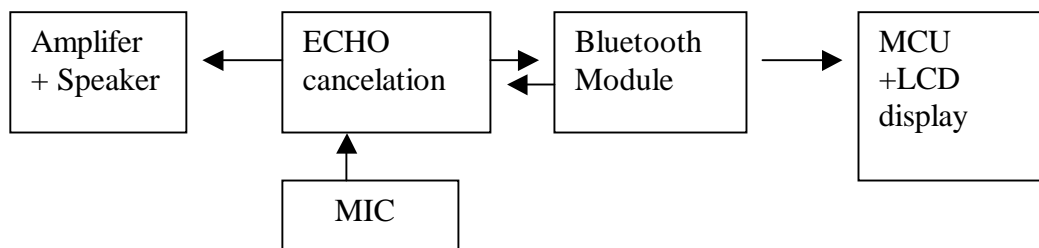# Bean Plus Operation Description

The Bean Plus use the Bluetooth Technology to connect with Mobile which have built in Bluetooth. Using the HFP & HSP profile of Bluetooth to have call function.

The following is the function subject:

1, call ID display when there is a incoming call

2, reject call

3, receive call

4, end call

5, volume control

6, last num redial

7, speed Dialing

8, wireless read phonebook from Mobile using OPP profile

9, active the voice dialing when mobile support this function

10, showing mobile phone status

11, microphone gain control

The function theory as below:

1, function diagram

2, The unit use the bluetooth technology to connect with mobile (built in bluetooth). Use the DSP to do ECHO cancellation, MCU will receive the data from Bluetooth module then drive the Led to display the Call ID

BEAN$^+$

All features are subject to change without notice

Specification:

ITEM	Unit
MIC Sensitivity	-60 +/- 2dB
Speaker	8ohm / 1W
Input Voltage	4.0V
Battery	Li-ion 3.7V 650mAh
Frequency Range	2400MHz to 2483.5MHz
Working Current	100mA
Standby Current	3.5mA
Operating Temputure Ter	-10 ~ 50 C^o
Storing Temp	-20 ~ 60 C^o
Talking Time	10 Hours Max
Standby Time	200 Hours Max

*Battery Life Recharge is subject to change due to the condition of usage.