



## USB Host MP3/WMA Player

### Product concept

- The general USB Controller ICs, says, USB Keyboard, USB Card Reader, USB Game Pad, USB Flash Disk etc, are all Slave Devices, and must be connected to Host (says PC) for data transfer.
- ET5106 is USB Host Controller IC. It can transfer the data without PC, something like USB OTG (On-The-Go).
- ET5106 is ideal solution in terms practicality and cost.
- For example, MP3 Player:
  - o In general, all-in-one MP3 Players are all with built in FLASH memory, and must be connected to PC for downloading of MP3 songs because they are all Slave Devices.
  - o Using ET5106 in MP3 Player, it will become a Host Device, or called external memory MP3 Player: Built-in FLASH memory is not necessary, but external connected USB Flash Disk or Memory Card is used as the source of MP3 songs.
  - o Besides external memory MP3 Player, ET5106 can be also used to develop a MP3 Player Platform, says, PC Speaker, Sport Equipments, Car Audio System, Audio Desk Lamp, Digital Camera, DVD ... etc.

### Features:

- Connect external USB memory device like USB Flash, memory card & reader, USB HDD...
- Easy extension for Flash memory capacity.
- The most cost effective solution for MP3 player.
- Avoid the high risk of Flash memory stock and price drop.

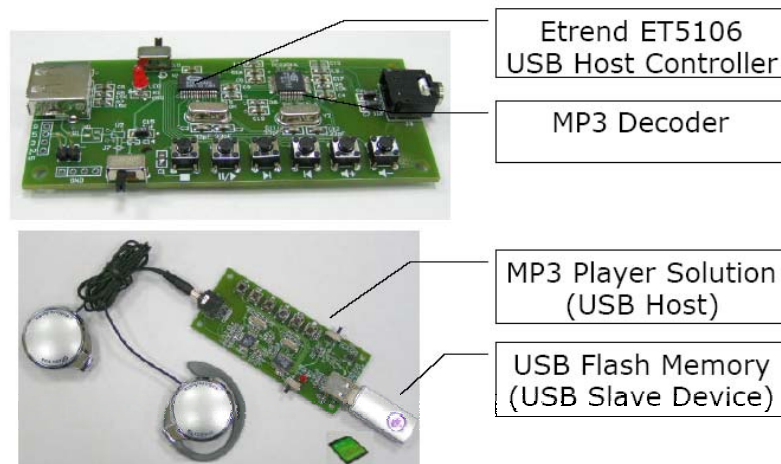


Figure 1: Implementation of design