

# TS4G/8GMP850

## Description

TS4G/8GMP850 is a 4GB/8GB USB Flash Drive with 1 pcs of 4Gx8/8Gx8 Flash Memory assembled on the printed circuit board. It combines a USB Flash Drive with an MP3 player, AB repeater, voice recorder and an FM radio.

## Outline



## Dimensions

Side	Millimeters
A	41.50 $\pm$ 0.20
B	81.50 $\pm$ 0.20
C	12.70 $\pm$ 0.20

## Features

- 1.8-inch (176 x 220 pixel) Super Color LCD Display for Playing Videos and Photos
- Plays **Music**, **Video** (.mtv) and **Photos** (.jpg, .bmp)
- MP3 Player supports MP3, WMA, WMA-DRM10 (subscription music) and WAV music formats
- FM Radio (FM Radio recording and the ability to preset 20 FM radio stations)
- Advanced Digital Voice Recorder
- Ability to read **E-books** (.txt)
- Karaoke-type lyrics display
- VAD (Voice Activation Detection), Very High quality Gapless Audio Recordings
- A-B repeat function allows you to continuously replay a designated section of a track
- Variable Track Playback speeds
- Supports 13 user languages including song/artist name display
- USB Flash Drive capabilities for data transfer and storage
- Included Software can be used to Lock your computer and setup Passwords for your files
- 7 Equalizer effects, including a customizable USER EQ setting
- Powered using a rechargeable Li-ion battery (fully charged battery supports

over 22 hours of continuous music operation), Screen saver enabled(set as Blank) and Lyrics synchronization disabled.

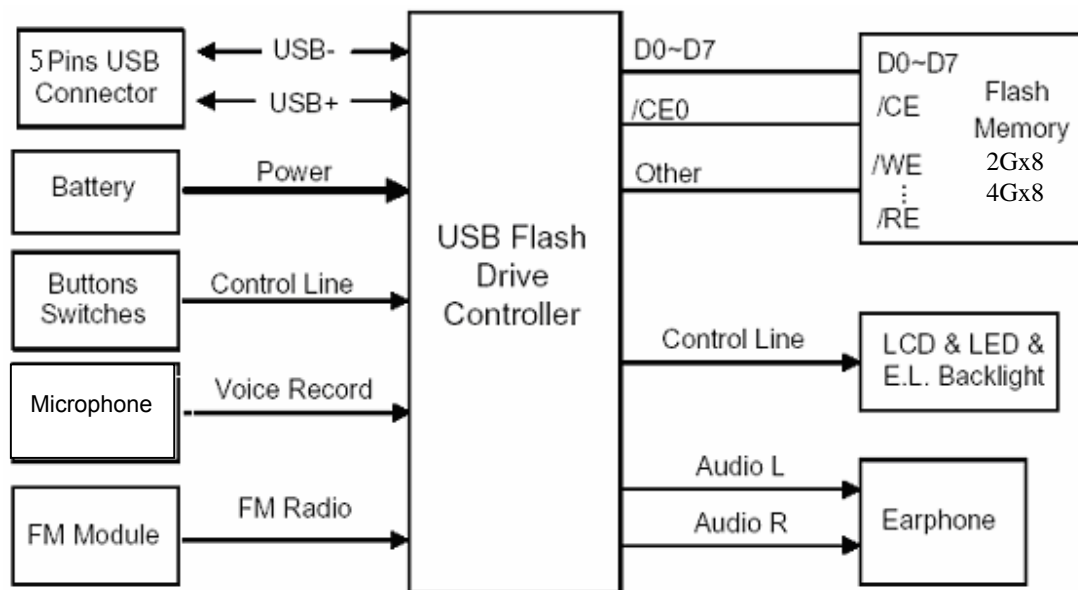
- Hi-Speed Mini USB 2.0 port for easy computer connectivity and fast file

transfers

- Real Time Clock (RTC) displays local and world times
- Sleep Mode, preset the player to Auto-Power OFF after 15, 30, or 60 minutes

## Block Diagram

With 1 pcs of 2G/4Gx8 Flash Memory



**Pinouts**

Pin No.	Pin Name
01	VCC
02	USB-
03	USB+
04	VSS
05	GND

**Pin Identification**

Symbol	Function
USB+ USB-	USB differential signal: The pairs are used to transmit Data/Address/Command
VCC	USB Power Input
VSS	Ground
GND	Ground

## Specifications

● <b>Size (L x W x H):</b>	81.5 mm × 41.5 mm × 12.7 mm
● <b>Weight:</b>	48g (with Li-ion battery)
● <b>Music Formats:</b>	MP3 WMA and WMA-DRM10 (Subscription music)
● <b>Video Formats</b>	MTV
● <b>Photo Formats</b>	JPG, BMP
● <b>Recording Format:</b>	ADPCM (WAV)
● <b>Estimated Battery Life:</b>	22 hours Music playback (fully charged battery)
● <b>Compression Rates:</b>	32Kbps to 320Kbps
● <b>Data Retention:</b>	Up to 10 years
● <b>Erase Cycles:</b>	≥ 100,000 times
● <b>Signal-to-Noise Ratio:</b>	≥ 90dB
● <b>Power Supply</b>	USB mass storage: DC5V ±10% MP3 Player: 3.7V Li-ion battery
● <b>Certificates:</b>	CE, FCC, BSMI
● <b>Warranty:</b>	2-years