

# TS4G/8GMP860

## Description

TS4G/8GMP840 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.

## Dimensions

Side	Millimeters
A	94.00 ± 0.20
B	50.00 ± 0.20
C	12.00 ± 0.20

## Outline



## Features

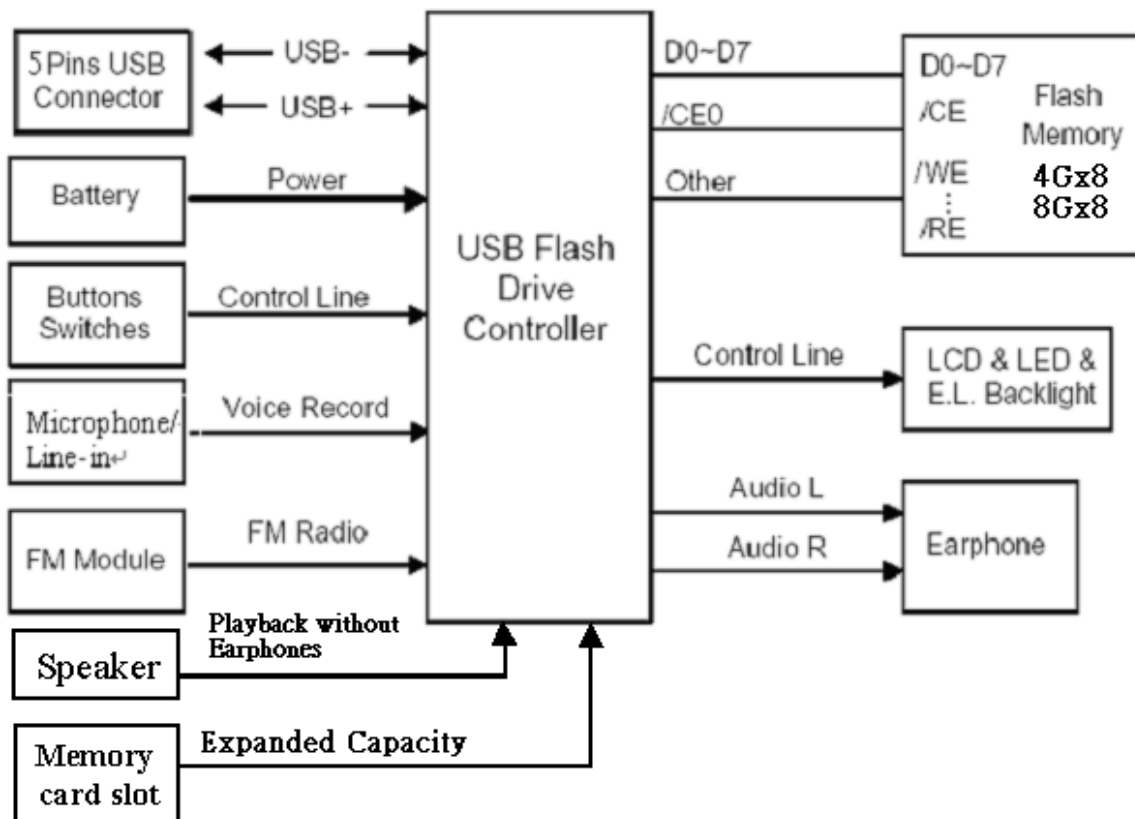
- 2.4-inch QVGA (240 x 320 pixel) full-color TFT display for Playing Videos and Photos
- Support MP3, WMA, WMA-DRM10 (subscription music), OGG, FLAC and WAV music files
- Playback music and videos (MPEG4 SP(Xvid) and FLV files)
- View photos (JPEG, BMP, GIF and PNG files) and e-book (.txt) files
- FM Radio (FM Radio recording and the ability to preset 20 FM radio stations)
- Playlist Builder
- microSD / microSDHC memory card slot
- Karaoke-style synchronized lyrics display
- Built-in microphone and direct Line-In recording (for CD players, or other devices)
- Built-in speaker for playback without earphones
- 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
- Adjustable sleep timer
- Eleven equalizer effects, including a customizable USER EQ setting and SRS WOW HD
- Power-saving screen savers and auto-shutoff function

- Internal rechargeable Li-Polymer battery provides over 22 hours of continuous music playback (Max. music playback time achieved with Screen Saver enabled and “Lyrics Sync” disabled)
- Hi-Speed Mini USB 2.0 port for easy computer connectivity and fast file transfers
- Real Time Clock (RTC) display

## Block Diagram

With 1 pcs of 4G/8Gx8 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>	94 mm × 50 mm × 12 mm
● <b>Weight:</b>	62g (with Li-ion battery)
● <b>Music Formats:</b>	MP3, OGG, FLAC, WAV, WMA and WMA-DRM10
● <b>Video Formats</b>	MPEG4 SP(XVID) and FLV
● <b>Photo Formats</b>	JPG, BMP, GIF, PNG
● <b>Recording Format:</b>	IMA_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