TS2G/4G/8GMP840

Description

TS2G/4G/8GMP840 is a 2GB/4GB/8G USB Flash Drive with 1 pcs of 2Gx8 /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	40.50 ± 0.20
B	82.00 ± 0.20
C	12.50 ± 0.20

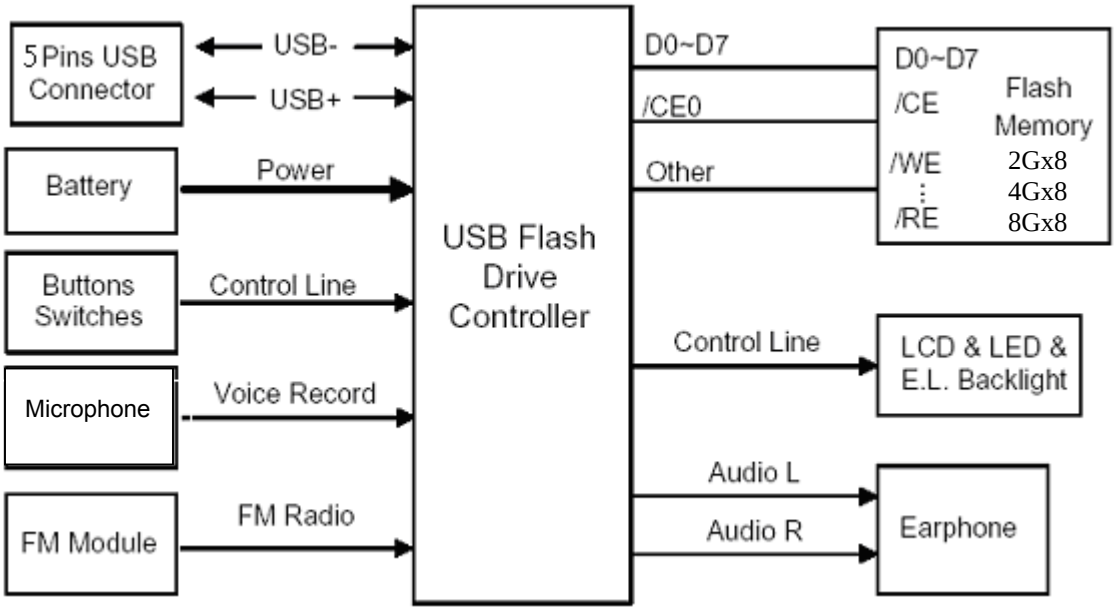
Features

- 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 30 hours of continuous music operation), Screen saver enabled(set as Blank) and Lyrics syncgronization 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/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

● **Size (L x W x H):**	82 mm × 40.5 mm × 12.5 mm
● **Weight:**	70g (with Li-ion battery)
● **Music Formats:**	MP3 WMA and WMA-DRM10 (Subscription music)
● **Video Formats**	MTV
● **Photo Formats**	JPG, BMP
● **Recording Format:**	ADPCM (WAV)
● **Estimated Battery Life:**	30 hours Music playback (fully charged battery)
● **Compression Rates:**	32Kbps to 320Kbps
● **Data Retention:**	Up to 10 years
● **Erase Cycles:**	≥ 100,000 times
● **Signal-to-Noise Ratio:**	≥ 90dB
● **Power Supply**	USB mass storage: DC5V ±10% MP3 Player: 3.7V Li-ion battery
● **Certificates:**	CE, FCC, BSMI
● **Warranty:**	2-years