

## ST2203U



### S-Viewer Digital Photo Viewer Solution



## ST2203U Integrated Microcontroller

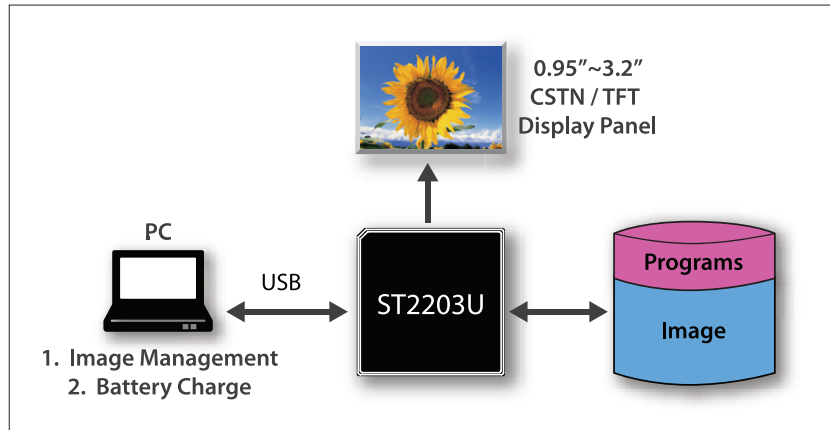
### Introduction

Sitronix's new "S-Viewer" platform is the first industry system architecture to provide total solutions of digital photo viewer from 0.95 inch to 3.2 inch display size. Using Sitronix's advanced multimedia technology, the S-Viewer can store more photos on the storage medium and save memory cost, board space, power consumption and system cost. For the first time, the portable photo viewer can be made as compact as LCM size and inexpensively enough to open up entire new markets around the world. The S-Viewer platform is an 8-bit MCU, operating at 8 MHz, for high performance with low power consumption. A parallel interface supports a variety of external flash memory types efficiently. Reference designs are available for the solutions and come with extensive software supporting computer communication. With basic features of photo display, clock, and USB connection, S-Viewer is the perfect solution for the portable digital photo viewer.

### Features

- 0.95"~3.2" LCD Digital Photo Viewer, Key Chain
- Share your pictures with friends and relatives
- Stores up to 70 of your favorite photos
- Memory: 8MB
- Up to 10 hours play time after fully charged
- Fast upload your pictures to photo frame via USB 2.0 connection with easy to use software provided
- Display mode: manual select or automatic slide show
- Supports: BMP, JPG, PNG and TIF format
- Picture resolution: 64x96, 96x96, 128x128, 160x128, 320x240 pixels
- Power saving mode: 120 seconds automatically shut down
- Built in 3.7v Lithium battery, rechargeable via 5v USB connection thru most computer
- Additional features: digital clock, calendar
- OS support: Win98/ME/NT/2000/XP

## System Framework – Simple, Cost-effective



## Compatible with Sitronix's Mobile Display's Drivers

Sitronix Technology Corporation is a leading fabless LCD driver IC provider. LCD driver ICs are applicable to mobile phones, OA appliances, IA appliances. With the popularity of Sitronix's drivers, manufacturers can get the display modules easily. For Digital Photo Viewer applications, there are lots of display drivers you can choose. For picking up a proper driver to fit your product, please contact us for more information.

Here are some of the drivers which built within S-Viewer:

Part No.	Type	Resolution (COM X SEG)
ST7787	262K Color w/RAM a-Si TFT	320x240
ST7624	262K Color w/RAM a-Si TFT	160x128
ST7669	262K Color	160x128
ST7637	65K Color	128x128

For more detail info about the drivers, please visit our Products pages.

# Sitronix

[WWW.SITRONIX.COM.TW/](http://WWW.SITRONIX.COM.TW/)

### HEADQUARTERS

6F-2, No. 20, Tai Yuen St.  
Jhupei City 302  
Hsinchu County  
Taiwan  
T 886-3-5526500  
F 886-3-5526501

### TAIPEI

6F-2, No. 308  
Sec. 1, Neihu Road  
Taipei 114  
Taiwan  
T 886-2-26591276  
F 886-2-26582554

### SHENZHEN

Room 1503  
Tianan Hi-tech Plaza Tower A  
Tianan Cyber Park  
Futian District, Shenzhen  
T 86-755-8343-9077  
F 86-755-8343-9711

### SHANGHAI

Room 2203, Fei Diao  
International Plaza  
No.1065(jia), Zhao Jia Bang Rd.  
XuHui Dist, Shanghai  
T 86-21-6469-6466  
F 86-21-6469-4246

### HONG KONG

Flat/Rm 05, 17/F  
Metro Centre Tower 1  
No. 32, Lam Hing Street  
Kowloon Bay, Hong Kong  
T 852-29530854  
F 852-29530254