

UTFT_tinyFAT

Add-on Library for UTFT: tinyFAT

Manual

The logo for Rinky-Dink Electronics features the company name in a stylized, glowing cyan font with a 3D effect. The text is set against a dark background that includes a close-up of a green printed circuit board (PCB) with various electronic components and traces visible.

Rinky-Dink Electronics

Introduction:

This library is an add-on to UTFT and will not work on its own.
This add-on library also requires the tinyFAT library.

This library adds a simple way to load images from SD cards. The images must be in the .raw format. Images can be converted to the .raw format with the ImageConverter565 supplied with the UTFT library or the online version found on my website.

You can always find the latest version of the library at <http://www.RinkyDinkElectronics.com/>

For version information, please refer to **version.txt**.

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FUNCTIONS:

UTFT_tinyFAT(UTFT);

The main class constructor.

Parameters: UTFT : A reference to an already created UTFT object

Usage: UTFT_tinyFAT myFiles(&myGLCD); // Start an instance of the UTFT_tinyFAT class

Notes: Remember the '&' in front of the UTFT object name

loadBitmap (x, y, sx, sy, filename);

Load a bitmap from a SD card and display it on the screen.

Parameters: x: x-coordinate of the upper, left corner of the bitmap
 y: y-coordinate of the upper, left corner of the bitmap
 sx: width of the bitmap in pixels
 sy: height of the bitmap in pixels
 filename: name of the file to load from the SD card (char array or String object)

Usage: myFiles.loadBitmap(50, 50, 32, 32, "ICON.RAW"); // Load ICON.RAW from the SD card and display it

Notes: You can use the online-tool "*ImageConverter 565*" or "*ImageConverter565.exe*" in the Tools-folder to convert pictures into compatible arrays. The online-tool can be found on my website.