UTFT

Multi-Platform Universal TFT display library

Supported display modules
& TFT Controllers

These display modules have been tested, and works with the UTFT library. Please note that vendors/manufacturers *may* have changed the display modules since I got my test module so there are no guarantees. It should also be noted that not all displays have been tested on all development boards. Compatibility with development boards is tested with a random selection of displays.
Other modules *may* work as long as they have one of the supported controllers (see the section marked **important** above).

The displays marked as shields below have only been tested on platforms where they plug directly in (i.e. on standard "Arduino" form factor development boards.)

Supplier:	ITead Studio				
Website:	http://imall.iteadstudio.com/				
Module	Model for UTFT()	Controller	Notes	Module	Shield
ITDB02-1.8SP	ITDB18SP	ST7735		✔	
ITDB02-2.2	ITDB22	HX8340-B(T)		✔	
ITDB02-2.4E	ITDB24E_8	S6D1121	8bit mode	✔	
ITDB02-2.4E	ITDB24E_16	S6D1121	16bit mode	✔	
ITDB02-2.4E V2	ITDB24E_V2_8	ILI9341	8bit mode	✔	
ITDB02-2.4E V2	ITDB24E_V2_16	ILI9341	16bit mode	✔	
2.4" Touch Shield V2	ITDB24E_V2_8	ILI9341	Only tested on Arduino Uno		✔
ITDB02-2.8	ITDB28	ILI9325D	8bit version only	✔	
ITDB02-2.8 V2	ITDB28_V2 / ITDB28_V2_ALT	ILI9341	See footnote[1]	✔	
2.8" Touch Shield V2	ITDB28_V2	ILI9341	Only tested on Arduino Uno		✔
ITDB02-3.2S	ITDB32S	SSD1289		✔	
ITDB02-3.2S V2	ITDB32S_V2	ILI9341		✔	
ITDB02-3.2WD	ITDB32WD	HX8352-A		✔	
3.2" Touch Shield V2	ITDB32S_V2	ILI9341	Only tested on Arduino Mega/Due		✔
ITDB02-4.3	ITDB43	SSD1963		✔	
ITDB02-5.0	ITDB50	SSD1963		✔	
ITDB02-2.2SP	ITDB22SP	HX8340-B(N)	Retired	✔	
ITDB02-2.4	ITDB24	ILI9325C	Retired	✔	
ITDB02-2.4D	ITDB24D	ILI9325D	Retired	✔	
ITDB02-2.4DWOT	ITDB24DWOT	ILI9325D	Retired	✔	
ITDB02-2.5H	ITDB25H	S1D19122	Retired	✔	
ITDB02-3.2	ITDB32	HX8347-A	Retired	✔	
ITDB02-3.2WC	ITDB32WC	ILI9327	Retired	✔	

Supplier:	NKC Electronics				
Website:	http://store.nkcelectronics.com/				
Module	Model for UTFT()	Controller	Notes	Module	Shield
RGB LCD 65K color module	LPH9135	PCF8833			✔

Supplier:	Electronics Lee				
Website:	http://stores.ebay.com/electronics-lee				
Module	Model for UTFT()	Controller	Notes	Module	Shield
3.2" TFT LCD Arduino Shield - Revision A	ELEE32_REVA[2]	SSD1289	Uses 16bit latched mode[3] Not supported on chipKit or Arduino Due		✔
3.2" TFT LCD Arduino Shield - Revision B	ELEE32_REVB	SSD1289	8bit mode[4] Not supported on chipKit or Arduino Due		✔

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[1] It seems like some modules are 16bit even though they are marked as 8bit. Use ITDB28_V2_ALT for those modules.
[2] Changed from INFINIT32
[3] Use UTFT myGLCD(ELEE32_REVA,A1,A2,A0,A3,A5); to initialize
[4] Use UTFT myGLCD(ELEE32_REVB,A1,A2,A0,99); to initialize

Supplier:	Coldtears Electronics				
Website:	http://stores.ebay.com/coldtears-electronics-store				
Module	**Model for UTFT()**	**Controller**	**Notes**	**Module**	**Shield**
2.2" TFT LCD Module	CTE22	S6D0164	Basic support only[5]	✔	
2.8" TFT LCD Module	CTE28	ILI9325D	Basic support only[5]	✔	
3.2" TFT LCD Module (R2)	CTE32_R2	ILI9341	Basic support only[5]	✔	
3.2" HR TFT LCD Module	CTE32HR	ILI9481	Basic support only[5]	✔	
3.2" Wide TFT LCD Module	CTE32W	HX8352-A	Basic support only[5]	✔	
3.5″ IPS TFT LCD Module	CTE35IPS	R61581	Basic support only[5]	✔	
4.0″ TFT LCD Module	CTE40	ILI9486	Basic support only[5]	✔	
5.0" TFT LCD Module	CTE50	SSD1963	Basic support only[5]	✔	
5.0" CPLD TFT LCD Module	CTE50CPLD	CPLD[6]		✔	
7.0" TFT LCD Module	CTE70	SSD1963	Basic support only[5]	✔	
7.0" CPLD TFT LCD Module	CTE70CPLD	CPLD[6]		✔	
3.2" TFT LCD Module	CTE32	SSD1289	Retired	✔	

Supplier:	Watterott electronic				
Website:	http://www.watterott.com/				
Module	**Model for UTFT()**	**Controller**	**Notes**	**Module**	**Shield**
MI0283QT-9A	MI0283QT9	ILI9341	Only tested on Arduino Uno	✔	

Supplier:	ElecHouse				
Website:	http://www.elechouse.com/				
Module	**Model for UTFT()**	**Controller**	**Notes**	**Module**	**Shield**
5.0" TFT LCD Module	EHOUSE50	SSD1963		✔	
5.0" CPLD TFT LCD Module	EHOUSE50CPLD	CPLD[6]		✔	
7.0" TFT LCD Module	EHOUSE70	SSD1963		✔	

Supplier:	DisplayModule				
Website:	http://www.displaymodule.com/				
Module	**Model for UTFT()**	**Controller**	**Notes**	**Module**	**Shield**
DM-TFT18-101	DMTFT18101	HX8353C		✔	
DM-TFT22-102	DMTFT22102	S6D0164		✔	
DM-TFT24-104	DMTFT24104	ILI9325D		✔	
DM-TFT28-103	DMTFT28103	ILI9325D		✔	
DM-TFT28-105	DMTFT28105	ILI9341	Incompatible with chipKit		✔

[5] UTFT does not make use of the on-board Font and Icon Flash chip.
[6] CPLD modules are currently not compatible with chipKit.

If you are unsure which module you have you can try these model codes for the supported controllers instead:

Controller	Model for UTFT()	Supported mode		
		8bit	16bit	Serial
CPLD	CPLD		✔	
HX8340-B(T)	HX8340B_8	✔		
HX8352-A	HX8352A		✔	
HX8353-C	HX8353C	✔		
ILI9325D	ILI9325D_8	✔		
	ILI9325D_16		✔	
	ILI9325D_16ALT[7]		✔	
ILI9341	ILI9341_S4P[8]			✔
	ILI9341_S5P[9]			✔
	ILI9341_8	✔		
	ILI9341_16		✔	
ILI9481	ILI9481		✔	
ILI9486	ILI9486		✔	
PCF8833	PCF8833			✔
R61581	R61581		✔	
S6D0164	S6D0164	✔		
S6D1121	S6D1121_8	✔		
	S6D1121_16		✔	
SSD1289	SSD1289		✔	
	SSD1289_8	✔		
	SSD1289LATCHED[10]		LATCHED	
SSD1963	SSD1963_480		✔	
	SSD1963_800		✔	
	SSD1963_800ALT[11]		✔	
ST7735	ST7735			✔

The following TFT controllers are used by display modules and shields that have been retired. They are still supported but support may be removed in future versions of the library. These controllers are disabled by default to save flash memory. To use them you must enable support for them in "memorysaver.h".

Controller	Model for UTFT()	Supported mode		
		8bit	16bit	Serial
HX8340-B(N)	HX8340B_S			✔
HX8347-A	HX8347A		✔	
ILI9325C	ILI9325C	✔		
ILI9327	ILI9327		✔	
S1D19122	S1D19122		✔	

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[7] Alternative initialization for some 2.8" display modules
[8] Use this for 4 Pin serial modules
[9] Use this for 5 Pin serial modules
[10] Currently only supported on 5v Arduino board, and not on chipKit or Arduino Due
[11] Alternative initialization for 7" displays