

OPDIG43T - TFT LCD 4.3" 65K COLOR 270x480 C/TOUCH

Overview

ITDB02-4.3 module is 4.3" TFT LCD with 65K color 272x 480 resolutions. The controller of this LCD module is SSD1963, it supports 16bit data interface with 4 wires control interface. Moreover, this module includes the touch screen and SD card socket.

ITDB02-4.3 is supported by UTFT Library.

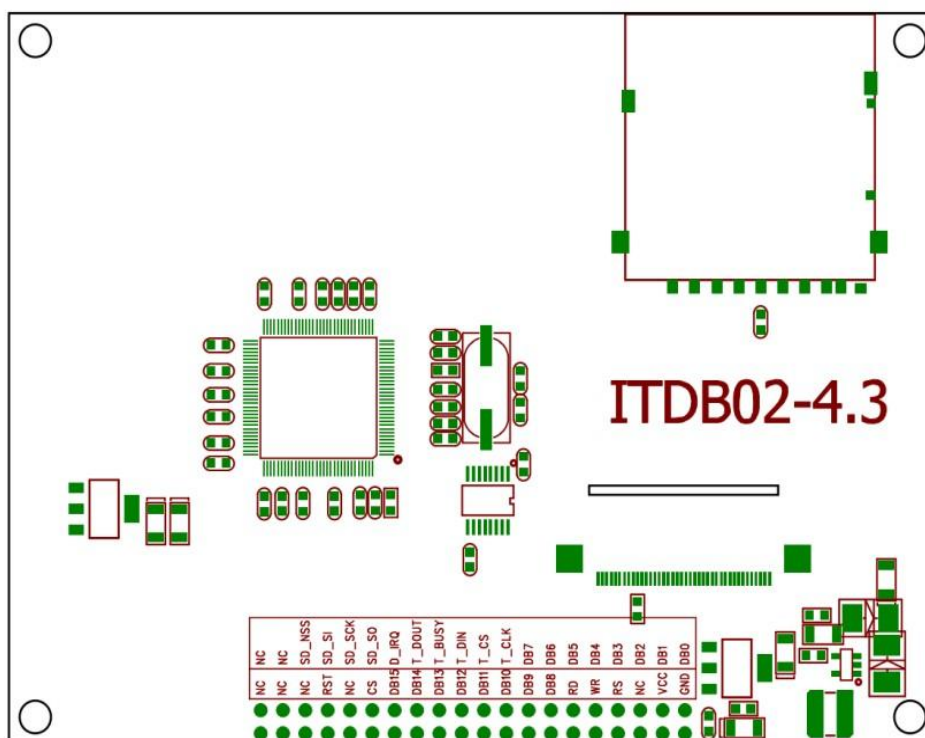
Model	IM120419007
Display Size	4.3"
Display Resolution	272 x 480
Display Interface	Parallel 16 Bit
Display Controller	SSD1963
Expand	• SD Card Socket • Touch Screen
Board Size	10.5×8cm
Weight	115.00g
TFT display interface	N/A

UTFT Library

This library is the continuation of ITDB02_Graph, ITDB02_Graph16 and RGB_GLCD libraries for Arduino and chipKit. As the number of supported display modules and controllers started to increase Henning felt it was time to make a single, universal library as it will be much easier to maintain in the future.

Link: <http://henningkarlsen.com/electronics/library.php?id=51>

Hardware



Pin	Type*	Description
GND	G	Ground
VCC	P	5V Power Supply pin
NC	-	No connection
RS	I	Data/Command selection
WR	I	Write signal enable, low active
RD	I	Read signal enable, low active
DB8	I	Data Bus
DB9	I	Data Bus
DB10	I	Data Bus
DB11	I	Data Bus
DB12	I	Data Bus
DB13	I	Data Bus
DB14	I	Data Bus
DB15	I	Data Bus
CS	I	Chip Selection, Low level active
NC	-	No connection
LED	P	Backlight
NC	-	No connection
DB0	I	Data Bus
DB1	I	Data Bus
DB2	I	Data Bus
DB3	I	Data Bus
DB4	I	Data Bus
DB5	I	Data Bus
DB6	I	Data Bus
DB7	I	Data Bus
T_CLK	I	Touch clock
T_CS	I	Touch chip selection
T_DIN	I	Touch data input
T_BUSY	O	Touch status
T_DOUT	O	Touch data output
T_IRQ	O	Touch interrupt
SD_SO	O	SD MISO
SD_SCK	I	SD SCK
SD_SI	I	SD MOSI
SD_NSS	I	SD NSS
NC	-	No connection
NC	-	No connection