

3.2" TFT with Touch Shield

Overview

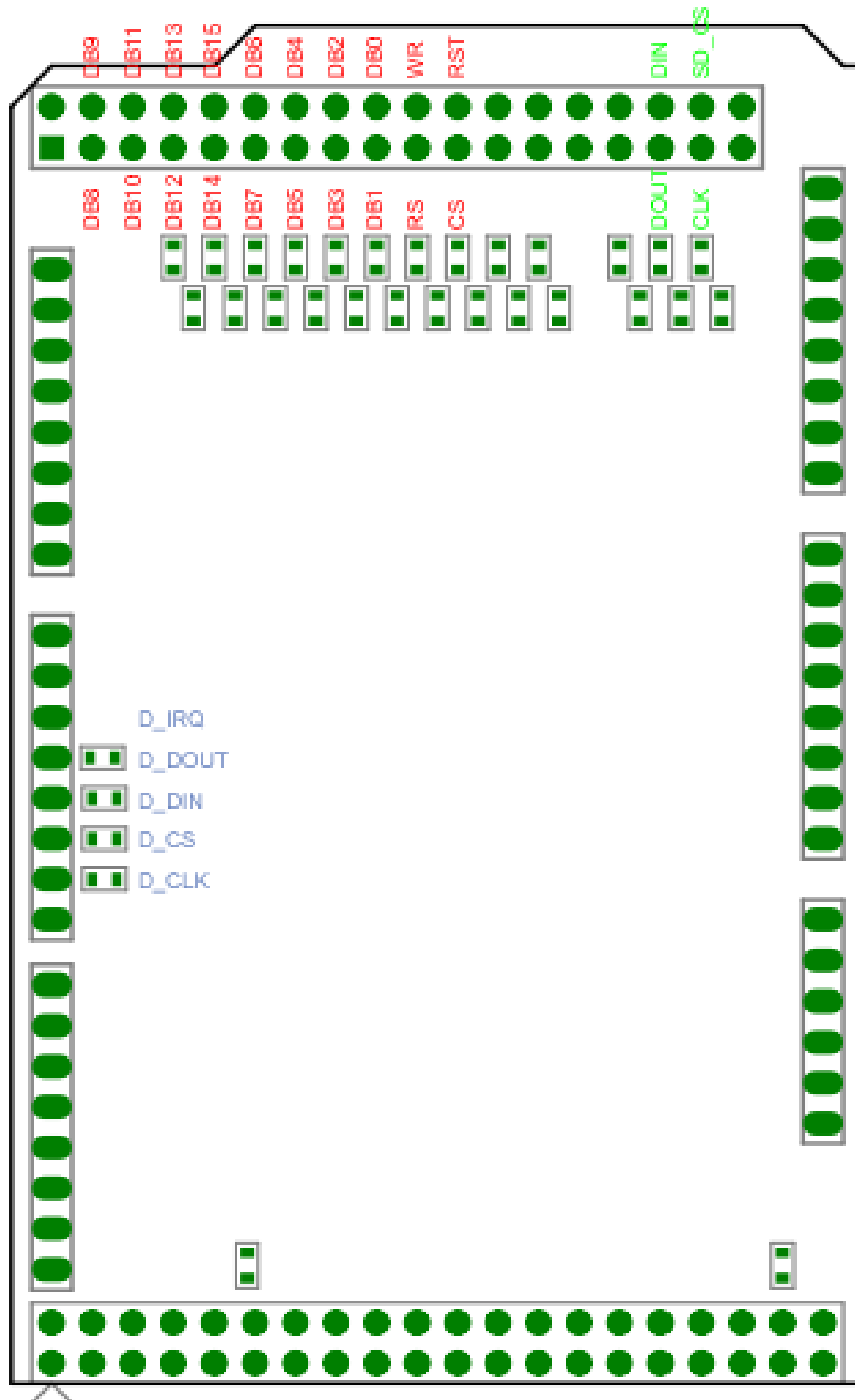
The 3.2" TFT with Touch Shield is designed for all the Arduino compatible boards. It works in 3.3V voltage level. It can be directly plugged on the Arduino-Mega and other compatible boards. It will provide display, touch and storage function for the Arduino-Mega board.



Basic features

- Arduino-Mega compatible.
- Touch and SD card expand
- Arduino library compatible

Hardware



Pin of MEGA	With ITDB02	
5V	VCC	
3V3	LED_A	RD
GND	GND	
D53	SD_CS	-
D51	SD_IN	-
D50	SD_OUT	-
D52	SD_CLK	-
D37	DB0	-
D36	DB1	-
D35	DB2	-
D34	DB3	-
D33	DB4	
D32	DB5	
D31	DB6	
D30	DB7	
D22	DB8	-
D23	DB9	-
D24	DB10	-
D25	DB11	-
D26	DB12	
D27	DB13	
D28	DB14	
D29	DB15	
D38	RS	
D39	WR	
D40	CS	
D41	RST	
D6	D_CLK	
D5	D_CS	
D4	D_DIN	
D3	D_DOUT	
D2	D_IRQ	

Software



Here is the arduino compatible library for this shield:

Display: <http://henningkarlsen.com/electronics/library.php?id=38>

Touch: <http://henningkarlsen.com/electronics/library.php?id=35>

SD card: <http://henningkarlsen.com/electronics/library.php?id=37>

Configuration :

```
ITDB02-3.2"      ITDB02 myGLCD(38,39,40,41, ITDB32S);  
Touch           ITDB02_Touch myTouch(6,5,4,3,2);
```

Revision History

Rev.	Description	Release date
v1.0	Initial version	2011-9-25