

UTFT

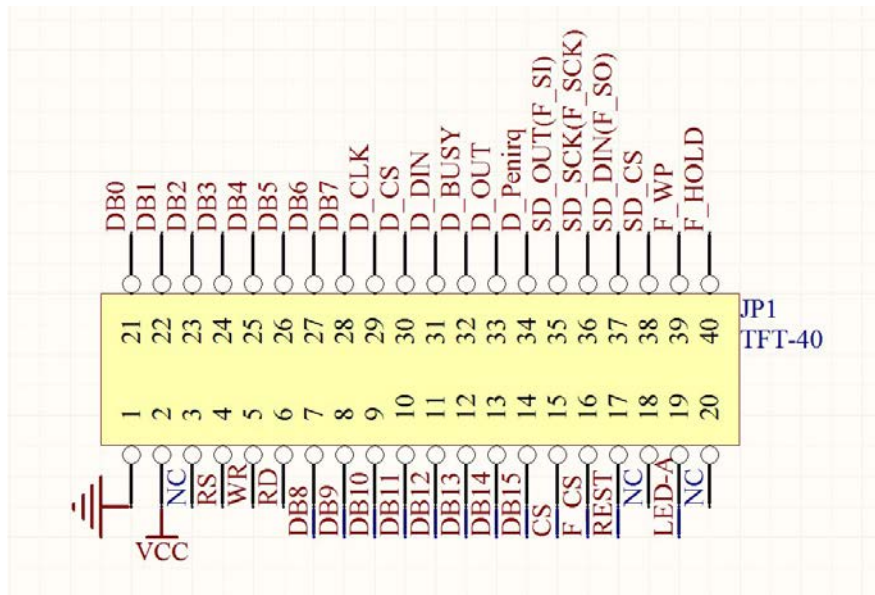
Arduino and chipKit Universal TFT display library

Requirements



The library require the following connections for 8bit and 16 bit display modules (the serial display modules does not have any required pins):

Signal	ITDB02 pin	Arduino ¹	Arduino Mega	chipKit Uno32 ²	chipKit Max32
DB0 ³	21	D8	D37	D3	D3
DB1 ³	22	D9	D36	D5	D5
DB2 ³	23	D10	D35	D6	D6
DB3 ³	24	D11	D34	D9	D9
DB4 ³	25	D12	D33	D10	D10
DB5 ³	26	D13	D32	D34	D39
DB6 ³	27	A0 (D14)	D31	D36	D47
DB7 ³	28	A1 (D15)	D30	D37	D77
DB8	7	D0	D22	D26	D37
DB9	8	D1	D23	D27	D36
DB10	9	D2	D24	D28	D35
DB11	10	D3	D25	D29	D34
DB12	11	D4	D26	D30	D33
DB13	12	D5	D27	D31	D32
DB14	13	D6	D28	D32	D31
DB15	14	D7	D29	D33	D30
RS	4	Any free pin			
WR	5	Any free pin			
RD	6	Must be pulled high (3.3v)			
CS	15	Any free pin			
REST	17	Any free pin			



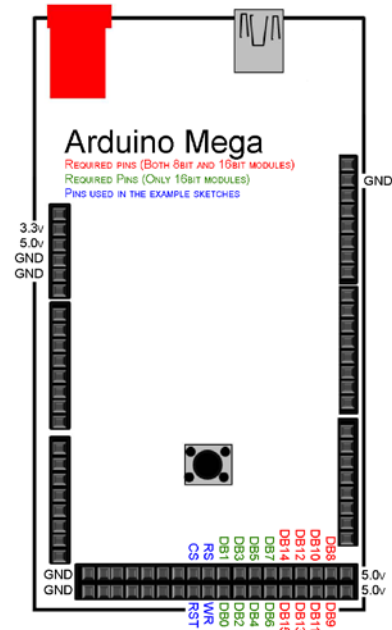
ITDB02 pinout

¹ All boards with pinout like the Arduino Duemilanove / Arduino UNO

² To use a 16bit display module with a chipKit Uno32 you **MUST** place the JP4 jumper in the PWM/RD4 position (jumper over the two pins closest to the USB connector)

³ Leave DB0 to DB7 unconnected for 8bit display modules

Arduino pin-mapping:



chipKit pin-mapping:

