

UTFT

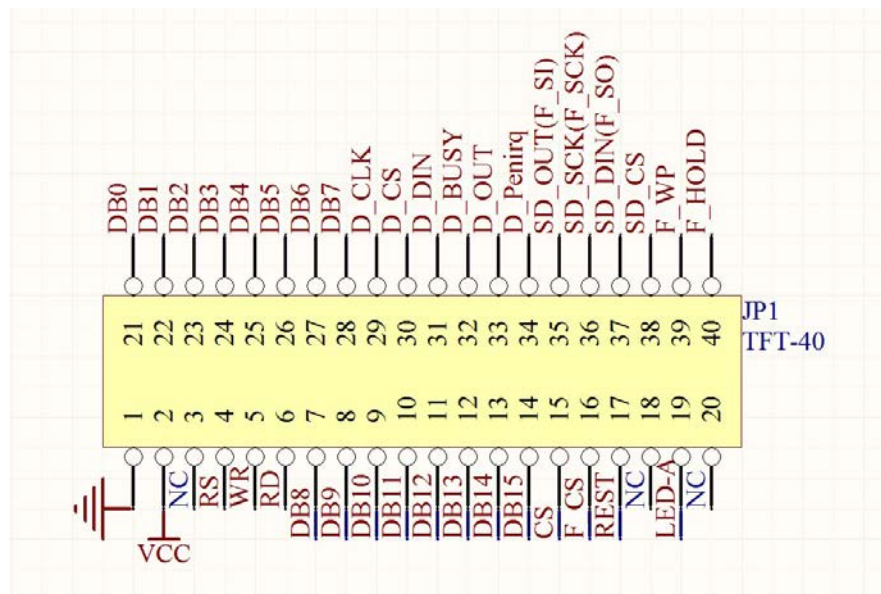
Arduino and chipKit Universal TFT display library

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 | chipKit Max32 |
|------------------|------------|----------------------------|--------------|---------------|---------------|
| DB0 ² | 21 | D8 | D37 | D3 | D3 |
| DB1 ² | 22 | D9 | D36 | D5 | D5 |
| DB2 ² | 23 | D10 | D35 | D6 | D6 |
| DB3 ² | 24 | D11 | D34 | D9 | D9 |
| DB4 ² | 25 | D12 | D33 | D10 | D10 |
| DB5 ² | 26 | D13 | D32 | D34 | D39 |
| DB6 ² | 27 | A0 (D14) | D31 | D36 | D47 |
| DB7 ² | 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 | | | |

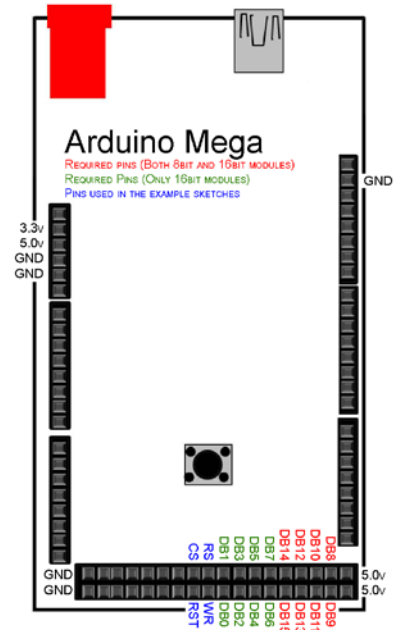
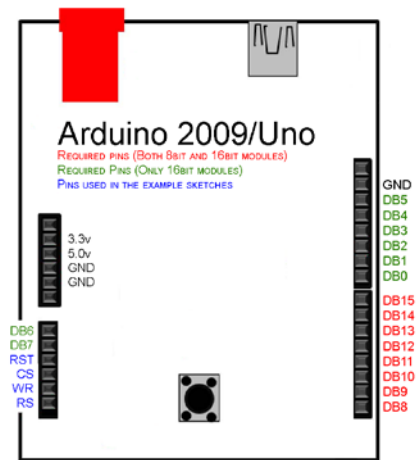


ITDB02 pinout

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

² Leave DB0 to DB7 unconnected for 8bit display modules

Arduino pin-mapping:



chipKit pin-mapping:

