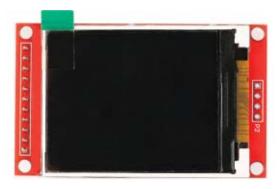# 35627-MP
2.0in. Arduino Color LCD Module

2.0in. TFT LCD Graphics Module for controllers.
Uses ILI9225 IC with SPI serial interface
Compatible with 51/ARM/Arduino/ Raspberry-Pi.
Can be plugged into Arduino Mega2560 or Uno R3
directly without wire connections. On-board voltage regulator.
Integrated backlight circuit which controls the
backlight and can use the PMW of the arduino to adjust the
backlight brightness.
On-board mini SD card expansion connector.
Power: +3.3/5 VDC (On-Board Regulator)
Display Type: 2.0 "TFT"
Resolution: 176*220 RGB pixels
Display mode: Transmissive
Backlight: White LED
Viewing Angle: 12 O'clock
Operating Temp: -20 ° C ~ + 70 ° C
Storage Temp: -30 ° C ~ + 80 ° C
Outline Dimensions: 37.68 * 51.3 * 2.3 mm
L: 2-1/2"   **W:** 1-1/2"   **T:** 1/2" O/A   **WT:** .03

HEADER P1 1x11/ 0.01" Pitch

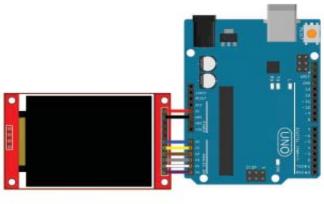| Pin #	Label	Description
1	VCC	Power Input (3.3V / 5V)
2	GND	Ground
3	GND	Ground
4	NC	No Connection
5	NC	No Connection
6	NC	No Connection
7	CLK	Serial Clock input
8	SDA	Serial Data input
9	RS	Command / Data Selection (0: command; 1: Data)
10	RTD	LCD Reset (Low level Enable)
11	CS Chip	Enable (Low level Active)

35627-MP
2.0in. Arduino Color LCD Module

NOTE:
The LCD Can be Directly
Plug Directly Into The
UNO or MEGA 2560

ILI9225 TFT LCD   **ARDUINO UNO-R3**

ILI9225 TFT LCD   **ARDUINO UNO-R3**

HEADER P2 SD Card

Pin #	Label	Alternate Label	Description
1	SD_CS		SD Card Chip Select
2	SD_MOSI	SDO, DI	SPI Bus Data-Input
3	SD_CLK		SPI Bus Clock
4	SD_MISO	SDI, DO	SPI Bus Data-Output

USEFULL LINKS
For Arduino Users
https://github.com/Nkawu/TFT_22_ILI9225https://github.com/Nkawu/TFT_22_ILI9225
https://www.arduinolibraries.info/libraries/tft_22_ili9225https://www.arduinolibraries.info/libraries/tft_22_ili9225

For Raspberry-Pi Users
https://github.com/nopnop2002/ili9225spi_rpi