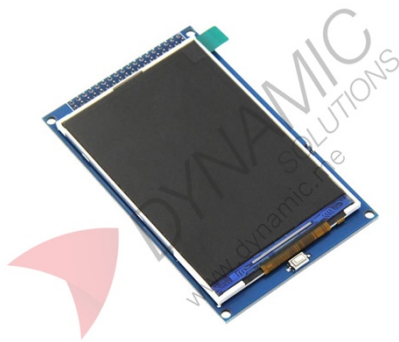


3.5" TFT LCD Screen Module ILI9486 for Arduino Mega2560



Features:

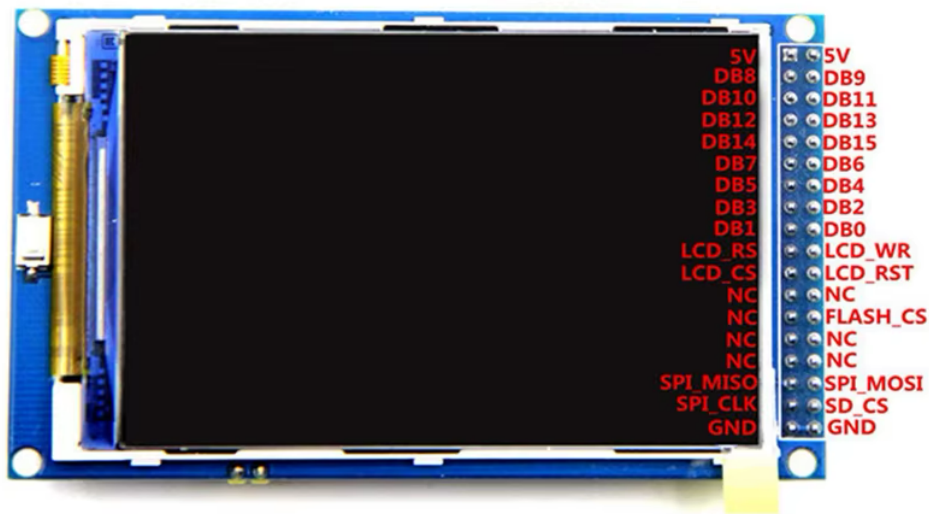
The 3.5-inch TFT LCD module is powered by the ILI9486 driver IC and offers a sharp 480x320 resolution for clear graphics and text. It uses a 16-bit parallel data bus via a 36-pin connector, making it compatible with Arduino Mega2560 boards. With a bright white LED backlight and support for both 3.3V and 5V operation, it is an excellent choice for embedded systems, graphical interfaces, and hobbyist projects where visual output is required.

Specifications	
Screen Size	3.5 inches
Resolution	480 x 320 pixels
Driver IC	ILI9486
Display Type	TFT
Backlight	Bright white, 6 LEDs
Effective Display Area	73.44mm x 48.98mm
Module Size	96.6mm x 60.3mm
Interface	36-pin parallel bus
Data Bus	16-bit
Touch Function	None
Power Supply	3.3V / 5V
Compatibility	Arduino Mega2560
Usage	Embedded displays, Arduino projects, DIY electronics

Pinouts:

Pin Name	Type	Description
5V	Power	Module supply voltage
DB8–DB15	Data	Higher data bus lines
DB0–DB7	Data	Lower data bus lines
LCD_RS	Control	Register select
LCD_CS	Control	Chip select
LCD_WR	Control	Write signal
LCD_RST	Control	Reset signal
SPI_MISO	SPI	SPI data out (from module to MCU)

SPI_MOSI	SPI	SPI data in (from MCU to module)
SPI_CLK	SPI	SPI clock line
FLASH_CS	SPI	Flash chip select
SD_CS	SPI	SD card chip select
NC	-	Not connected
GND	Ground	Power and signal ground



Product Pictures:

