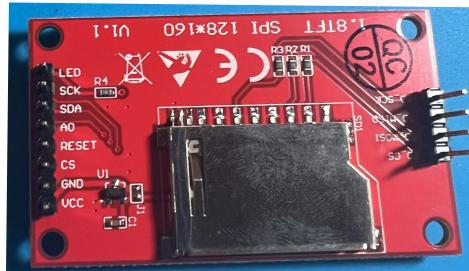


LPC11C24 Connectivity Table to LCD (Amazon 8 pins version, 2022-9-23)

HL (2022-9-30) corrected this typo by replacing
LPC 1769 to LPC11C24

Table 5. Connectivity Table of LPC11C24 and LCD

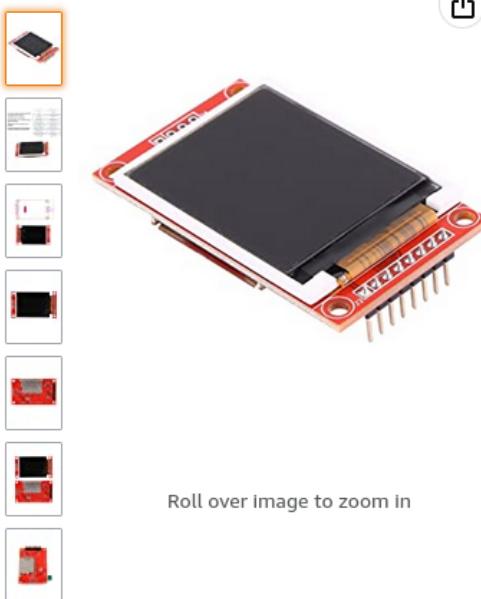
LPC11C24	Description	LCD
1. J6-28	3VOUT	VCC
2. J6-1	GND	GND
3. J6-8	SSEL0	TFT_CS
4. J6-14	RST	RESET
5. J6-13	D/C	A0
6. J6-5	MOSI0	SDA
7. J6-7	SCK0	SCK
8. J6-28	3VOUT	LED



Brand	Walfront
Personal computer design type	All in One
Operating System	Linux
Screen Size	1.8 Inches
Ram Memory Installed Size	8 GB
CPU Model	Pentium
CPU Manufacturer	ARM
Display Type	LCD
RAM Memory Maximum Size	8 GB
Year	2018

TFT LCD Display:

Screen:https://www.amazon.com/gp/product/B07BFV69DZ/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1



Roll over image to zoom in

1.8 inch SPI TFT LCD Display Module for ST7735 128x160 51/AVR/STM32/ARM 8/16 bit

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CPU Model Pentium

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About this item

- This is a new 1.8 inch serial SPI color display module
- Support analog SPI and hardware SPI. SPI serial, less I/O port need
- Designed with one socket for sd card and PCB adapter for LCD
- The LCD display module can be driven by 8051 / AVR / PIC /ARM/STM32
- The 4D systems lcd display can be driven with at least four IO

LPC11C24 Connectivity Table to LCD (DigiKey 8 pins version, 2022-9-23)

Table 5. Connectivity Table of LPC11C24 and LCD

LPC1769	Description	LCD
1. J6-54	GND	#1
2. J6-28	+3.3V	#2
3. J6-7	SCK0	#3
4. J6-5	MOSI0	#4
5. J6-14	RST	#5
6. J6-13	D/C	#6
7. J6-8	SSEL0	#7
8. J6-28	+3.3V	#8



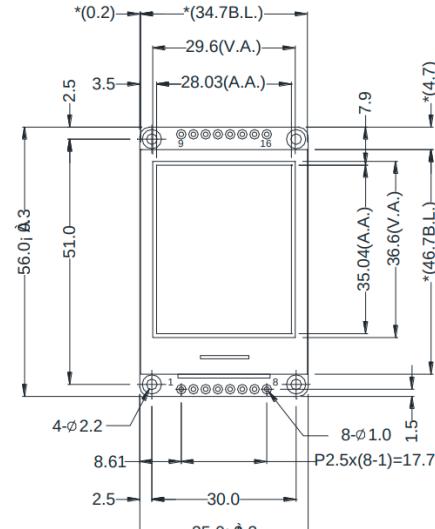
Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

AFL128160A0-1.77N12NTM-ANO

Digi-Key Part Number	3444-AFL128160A0-1.77N12NTM-ANO-ND
Manufacturer	Orient Display
Manufacturer Product Number	AFL128160A0-1.77N12NTM-ANO
Description	1.77" ARDUINO TN TFT 128160 SPI
Detailed Description	Non-Touch Graphic LCD Display Module Transmissive Red, Green, Blue (RGB) TFT - Color SPI 1.77" (44.96mm) 128 x 160
Customer Reference	Customer Reference
Datasheet	Datasheet

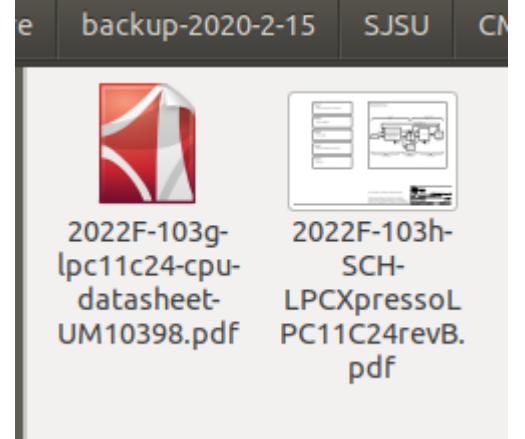
<https://www.digikey.com/en/products/detail/orient-display/AFL128160A0-1-77N12NTM-ANO/13916629>

2. Mechanical Drawing



*ST7735S or equivalent
*()dimension for reference only

HL (2022-9-30) reference: (1) CPU datasheet; (2) SCH of
LPC11C24



HL (2022-9-30) reference source from LCD datasheet;
<https://www.orientdisplay.com/wp-content/uploads/2021/02/AFL128160A0-1.77N12NTM-ANO.pdf>

Pin No.	Symbol	Level	Description
1	GND	0V	Ground
2	V _{DD}	3.3V	Supply Voltage for logic
3	SCL	H/L	Serial Clock
4	SDA	H/L	Serial Data
5	RST	H/L	Reset, signal is active low
6	DC	H/L	H:Display data or Parameter, L:Command Data
7	CS	H/L	Chip Select, signal is active low
8	BLK	H/L	Backlight control, H:turn on ,L: turn off

LPC1769 Connectivity Table to LCD (10 pins version, 2022-9-23)

Table 4. Connectivity Table of LPC11C24
and LCD (10 pins)

LPC1769	Description	LCD
1. J6-1	GND	GND
2. J6-28	3.3VOUT	VCC
3. J6-14	RST	RESET
4. J6-13	D/C	D/C
5. N/A	N/A	CARD_CS
6. J6-8	SSEL0	TFT_CS
7. J6-5	MOSI0	MOSI
8. J6-7	SCK0	SCK
9. J6-6	MISO0	MISO
10. J6-28	3.3VOUT	LITE



<https://www.digikey.com/en/products/detail/adafruit-industries-llc/358/5801368>

358

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Manufacturers Standard Package

Product Attributes

Digi-Key Part Number: 152B-1536-ND

Manufacturer: Adafruit Industries LLC

Manufacturer Product Number: 358

Description: LCD TFT 128X160 1.8"

Manufacturer Standard Lead Time: 18 Weeks

Detailed Description: - Graphic LCD Display Module Transmissive Red, Green, Blue (RGB) TFT - Color SPI 1.8" (45.72mm) 128 x 160

Customer Reference:

Datasheet: [Datasheet](#)