Smart Display USB2UART

User Guide

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Revision History

VERSION	DATE	REVISED PAGE NO.	Note
0	2024/09/4		First issue

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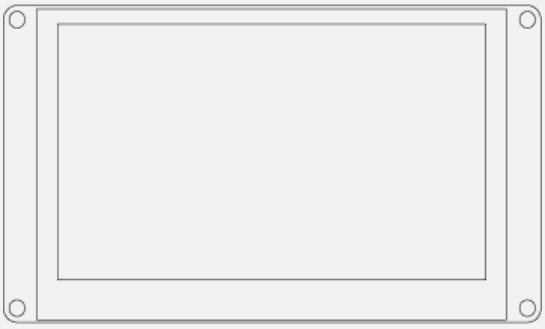
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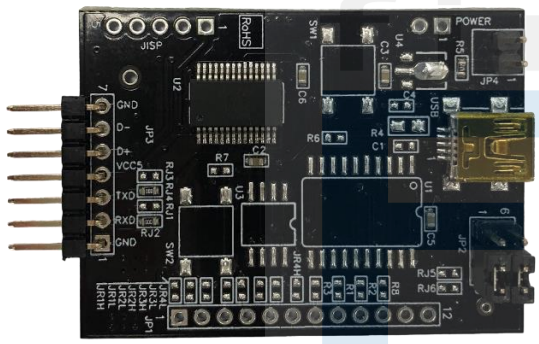


Smart Display

3.5” / 4.3” / 5.0” / 7.0”/ 10.1”

Preface

Thank you for purchasing Smart Display UART series. Please check the components listed in the checking list as below once you open this demo kit.



USB2UART Dongle



Mini USB to USB Cable

Smart Display Demo set checking list：

1. Smart Display x 1
2. USB2UART Dongle x 1
3. Mini USB to USB Cable x 1

1. Steps for Usage

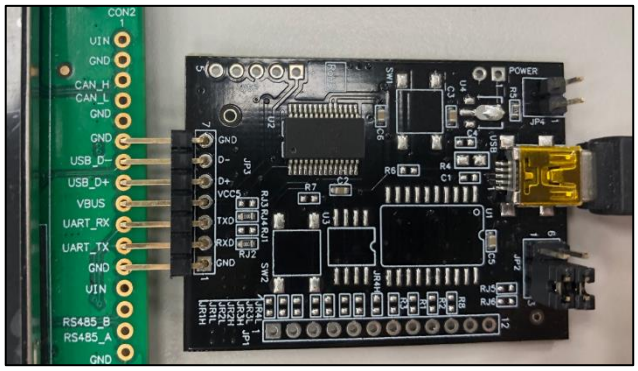
1.1 Connect USB2UART dongle to the device

Plug the USB2UART dongle to the Smart Display pin on the PCBA.

The PIN to PIN connection is as below.

Smart Display		USB2UART Dongle
GND	———	GND
USB-	———	D-
USB+	———	D+
VBUS	———	VCC5
UART_RX	———	TXD
UART_TX	———	RXD
GND	———	GND

Example for PIN to PIN connection:

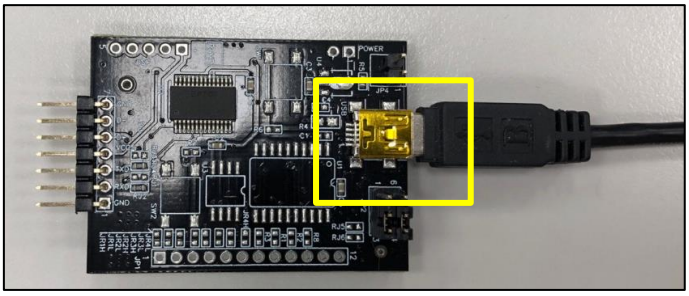


Example: connection between Smart Display and USB2UART dongle



Note for 1.1: Please notice for the right PIN to PIN connection. The wrong connection may cause damage to the device.

1.2 Plug " Mini USB to USB Cable " to USB2UART module pin housing.

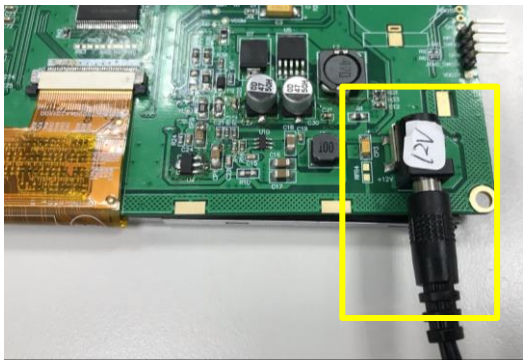


1.3 Plug the USB header to PC USB socket

1.4 Power On

For 3.5”, 4.3”& 5”: The USB2UART dongle already provides 5V power supply (5V/2A).

For 7”& 10.1”: Connect the power adapter to “POWER JACK” (PLUG 5.5mm x 2.1mm) and power on (12V/2A).



1.5 Start the Smart Display

Press the preferred application and hold for 3 seconds for the first time power on.



In the below photo you can see the selected scenario default displayed after the module re-start.



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