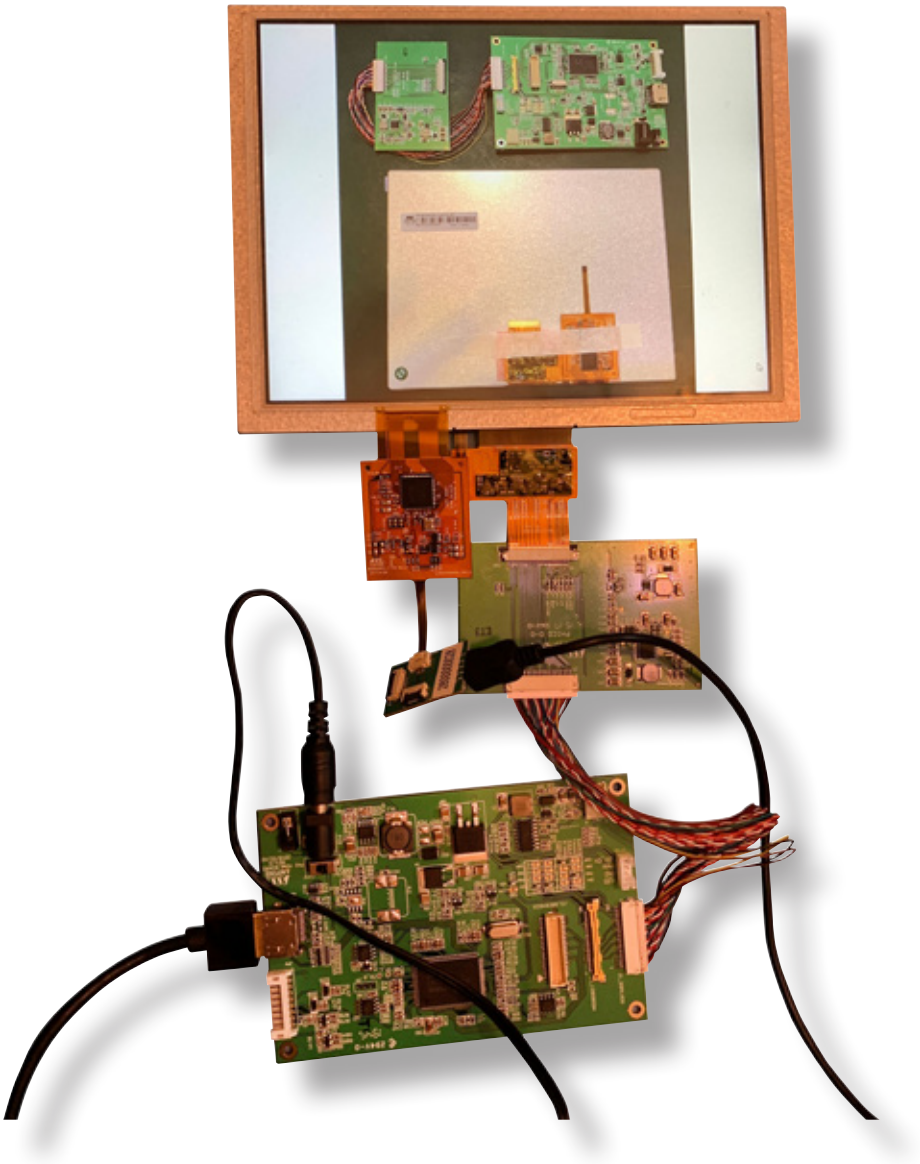
Quick Start Guide

AM-1024768JTZQW-T03H



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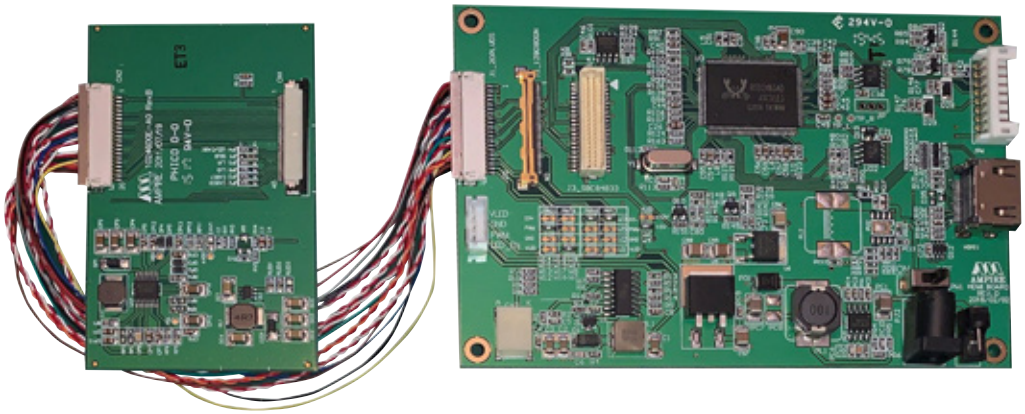
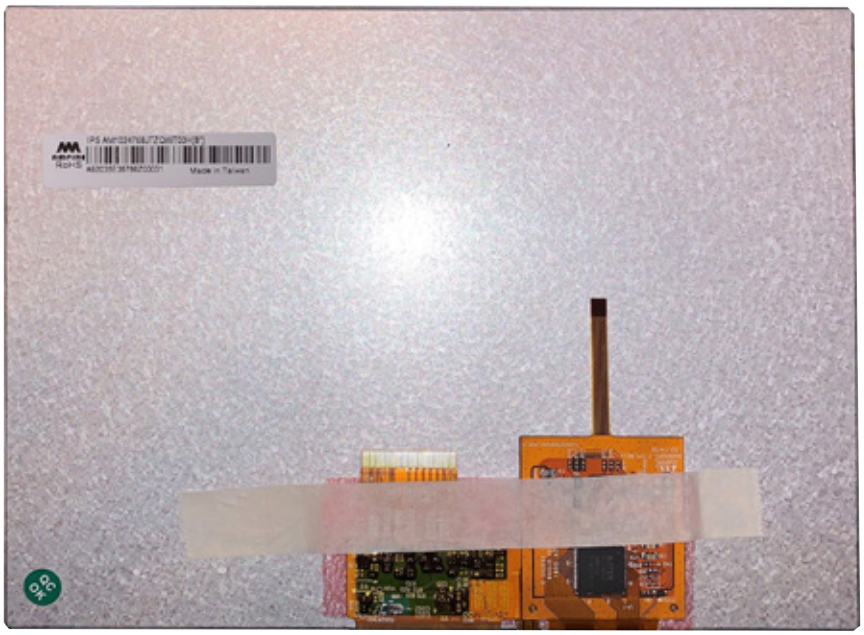
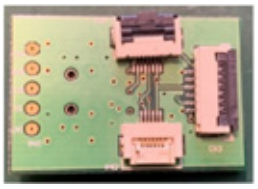
KIT CONTENTS

Item	Description	Qty
1	Display with touch panel	1
2	Driver card with LVDS board	1
3	USB adapter card	1







REQUIRED PARTS NOT SUPPLIED IN THE KIT

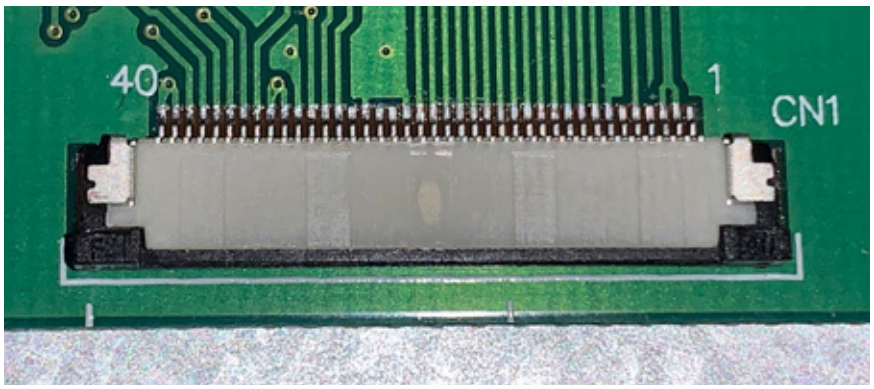
Item	Description	RS Part Number
1	12V 2A Power supply with 2.1mm x 5.5mm DC Jack	144-0971
2	Generic USB mini lead	193-2871
3	Generic HDMI cable	182-8473

PART 1: CONNECTING THE DRIVER CARD TO THE DISPLAY

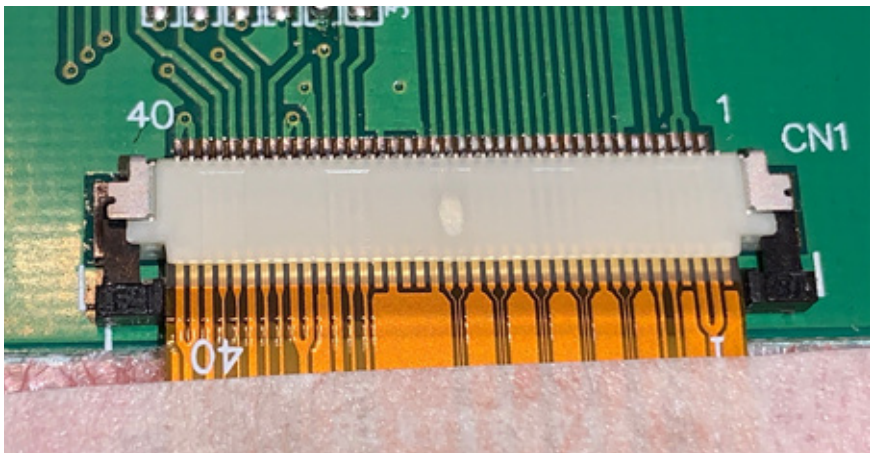
Place the LVDS board on the back of the display so that the FFC connector lines up.

Take care to line up the pins and use the correct orientation as per the pictures below.

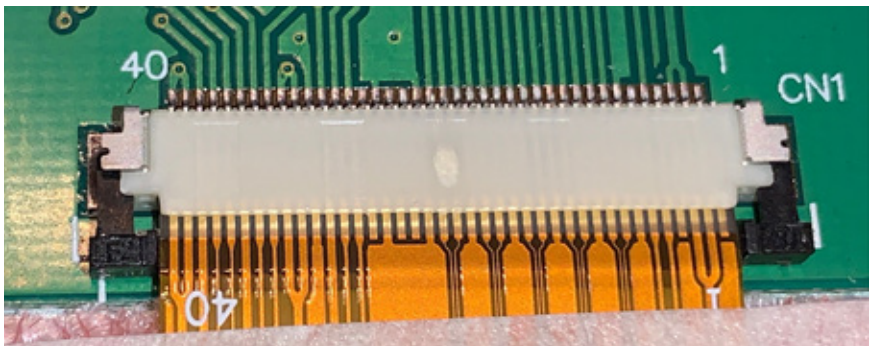
Very carefully slide the black part of the connector towards the edge of the PCB to open the connector.



Slide in the FFC all the way to the back.



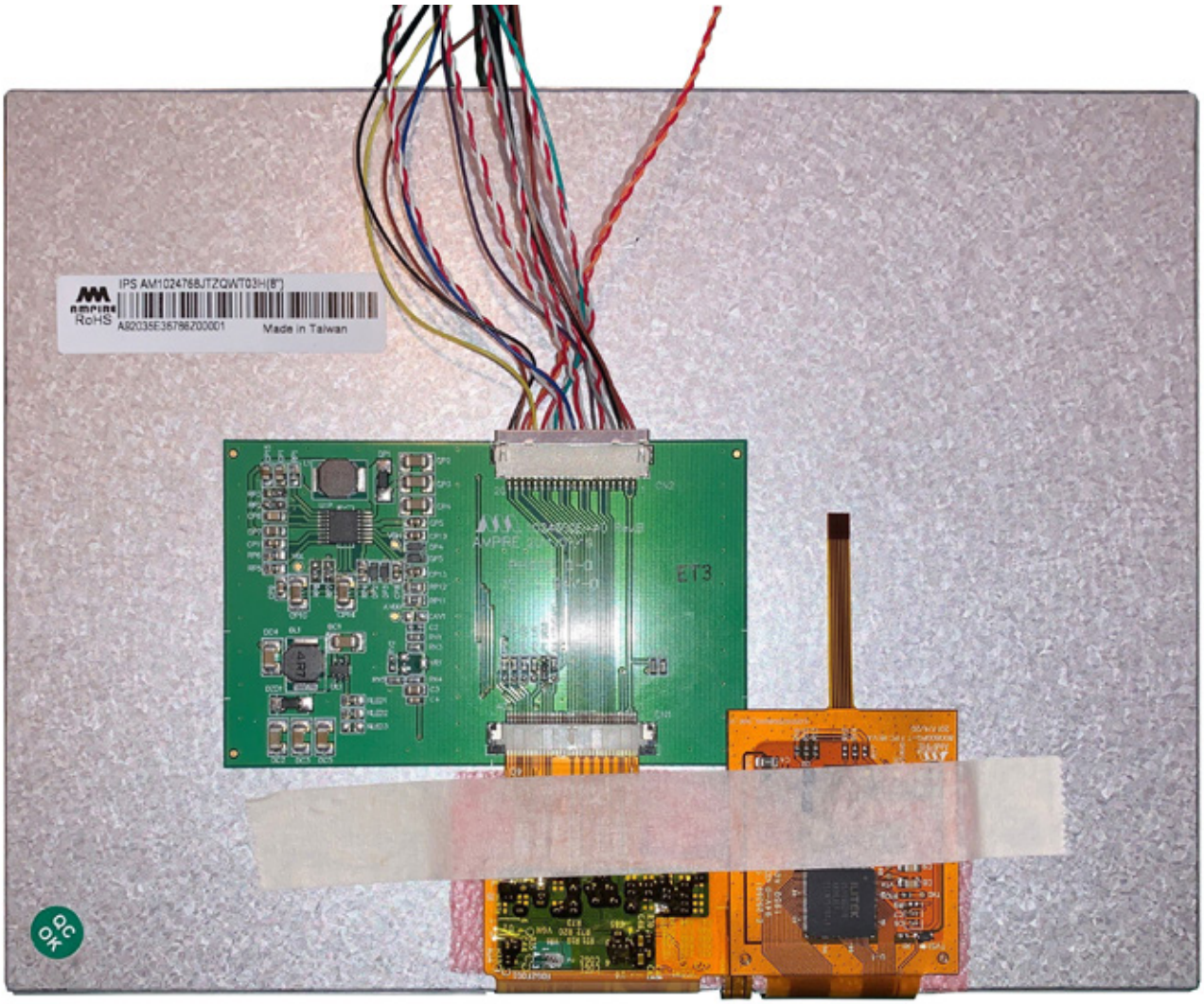
Carefully slide the black part back to lock the FFC into the connector.



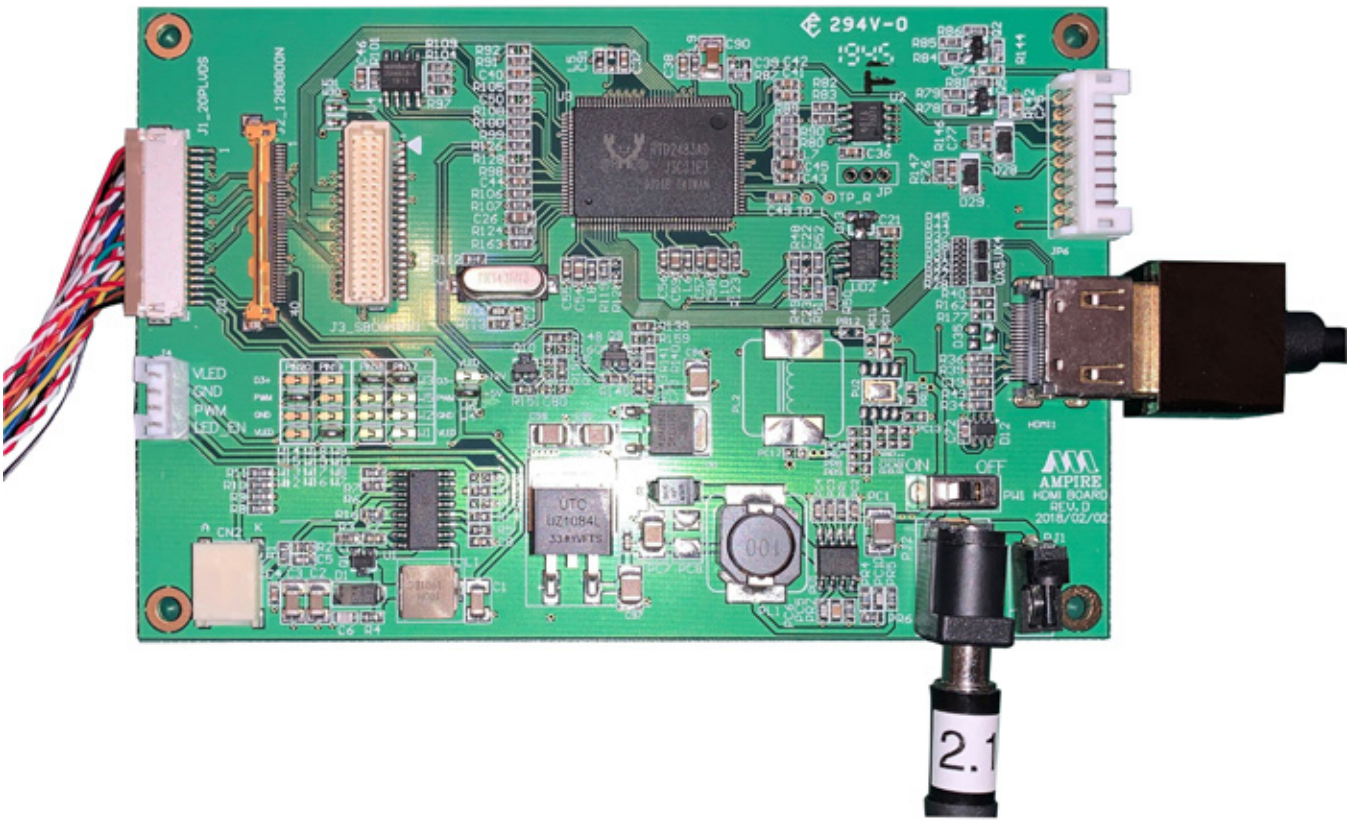
PART 1: CONNECTING THE DRIVER CARD TO THE DISPLAY

The connection should look like this when the connector is connected correctly.

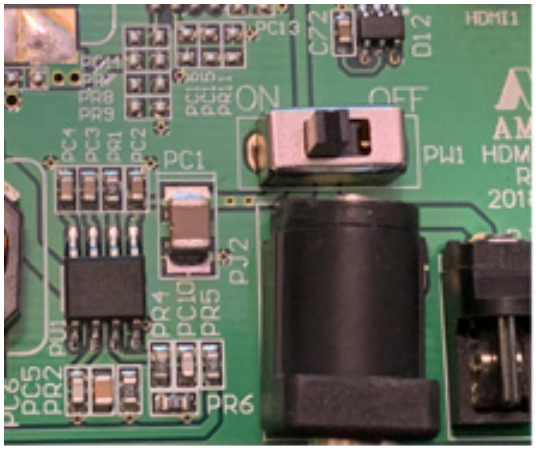
It is recommended to tape the LVDS board to the back of the display to reduce the risk of damage to the fragile FFC.



CONNECT THE DRIVER CARD TO THE POWER SUPPLY AND HDMI SOURCE



Carefully slide the black part back to lock the FFC into the connector.



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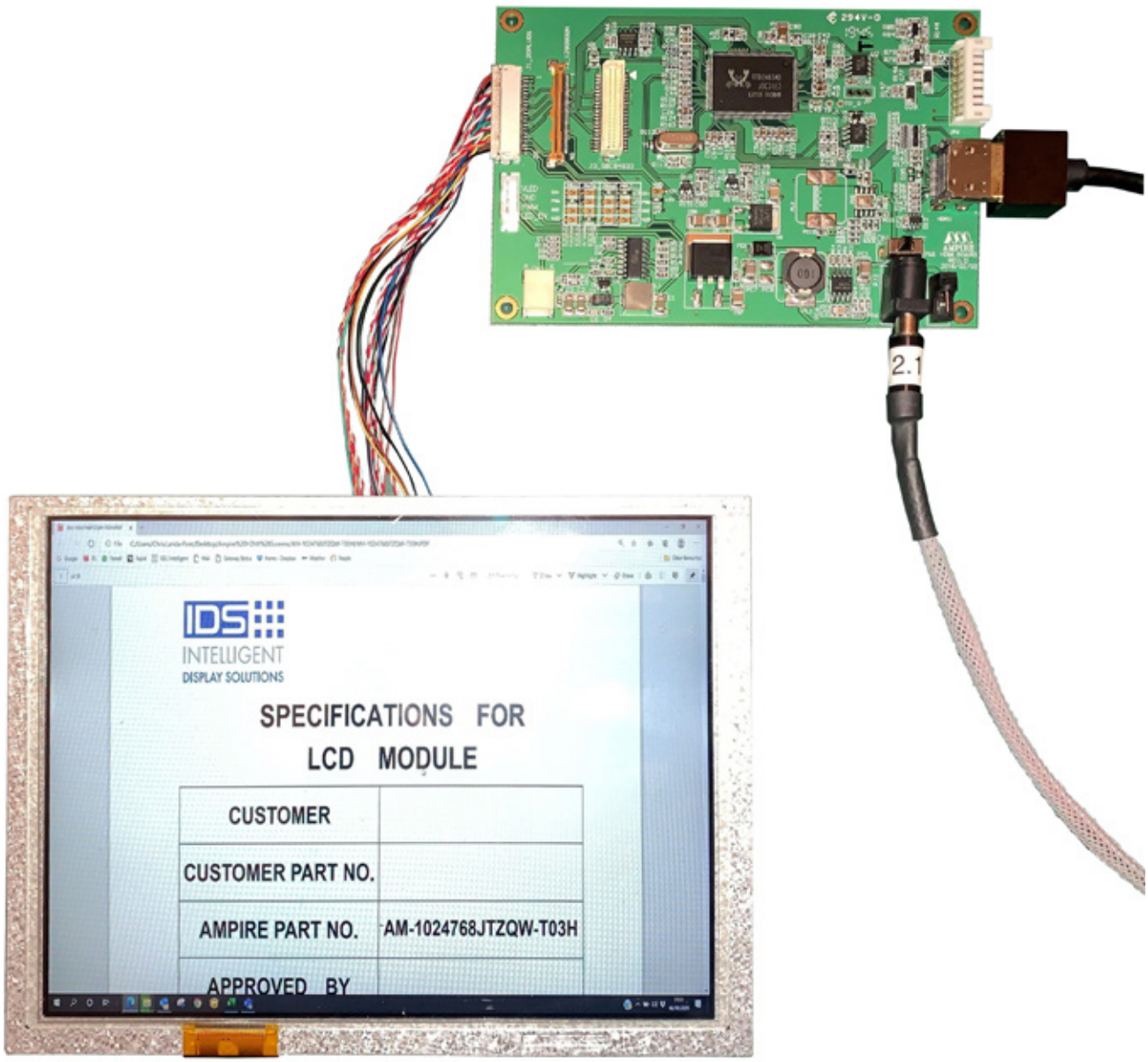
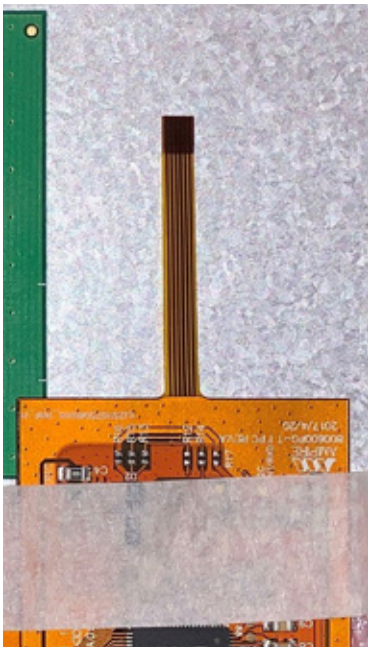
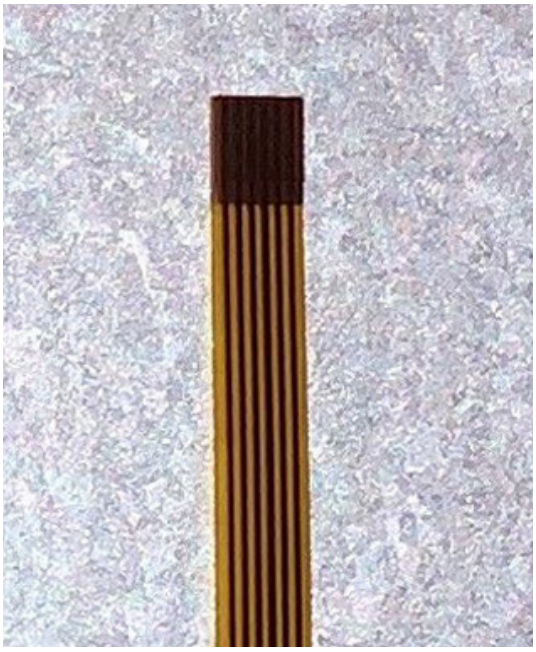


PART 2: CONNECTING THE TOUCH PANEL

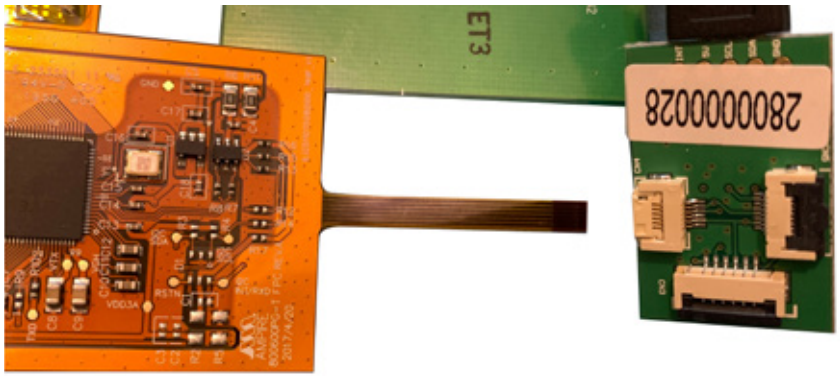
The display has an FFC tail with the USB Connections.



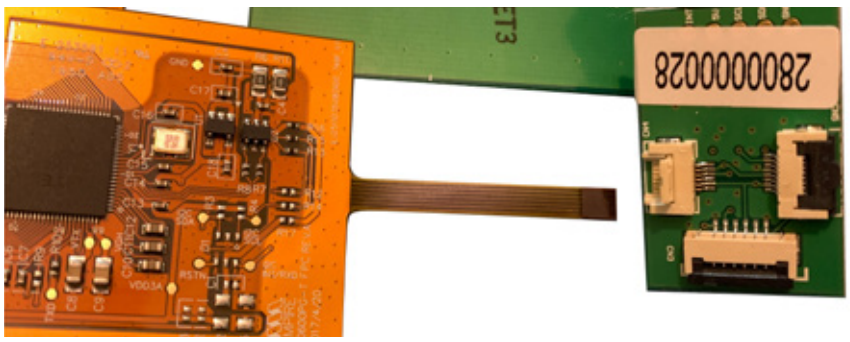


Remove any packing foam and tape to release the Touch control board from the back of the display.

Place the display face up and line up the small USB connector PCB .

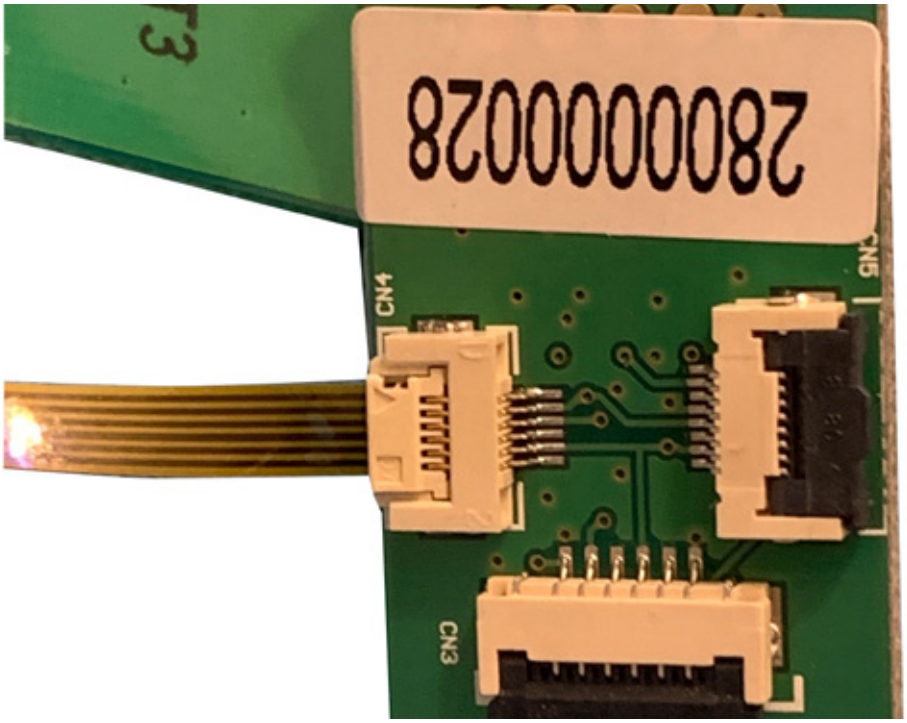


Locate CN4 on the PCB and carefully lift up the flap.

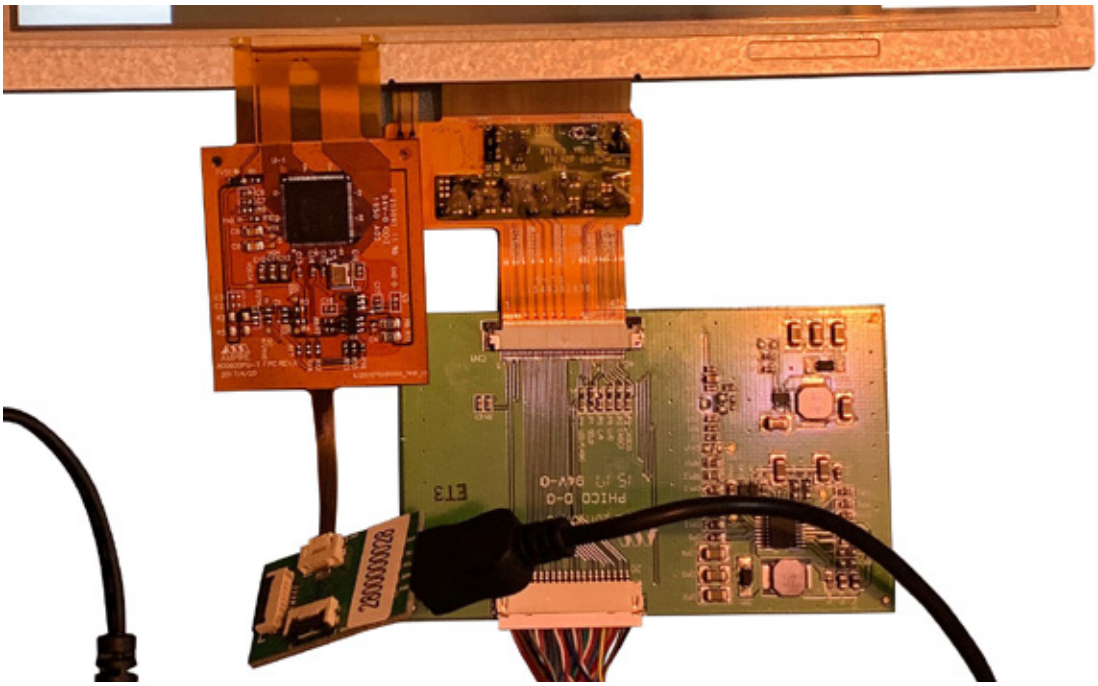


PART 2: CONNECTING THE TOUCH PANEL

Note the orientation of the FFC and the PCB, it must be connected the correct way round or damage may occur. Push the FFC tail into the connector far enough so that the dark strengthening section is all the way in, and close the flap.



Insert the USB mini connector into the adapter board and connect to your PC.



The touch screen will be automatically recognised and installed by Windows 10.

Warning:

The FFC is very fragile and if the USB cable is caught it is likely to cause permanent damage by tearing the flexible PCB. It is recommended that the USB cable and adapter PCB are secured to the back of the display using adhesive tape to stop any strain on the connections.

FURTHER INFORMATION

The values contained in this data sheet can change due to technical innovation. Any such changes will be made without separate notification.

If you require further assistance or have a specific or custom enquiry, please contact the IDS team via email or phone. Alternatively please visit our website for more product info and to see our full range.

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ABOUT IDS

Intelligent Display Solutions was established in 2001 by display industry experts. We have extensive knowledge of both the technical and user interface approaches to designing displays for various applications, using LCD, TFT and OLED technologies. We work with our customers to develop new and innovative displays - some award-winning - to enhance their products.

IDS is a division of Intelligent Group Solutions Ltd (IGS) - a well-established, respected, industry-leading Optoelectronics solutions provider. Much of IGS' business comes from providing semi-custom or custom products, both in component and sub-assembly form. We offer design support and prototyping within the European marketplace, with the capability to deliver production displays to wherever in the world the customer's manufacturing or assembly is being undertaken.

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