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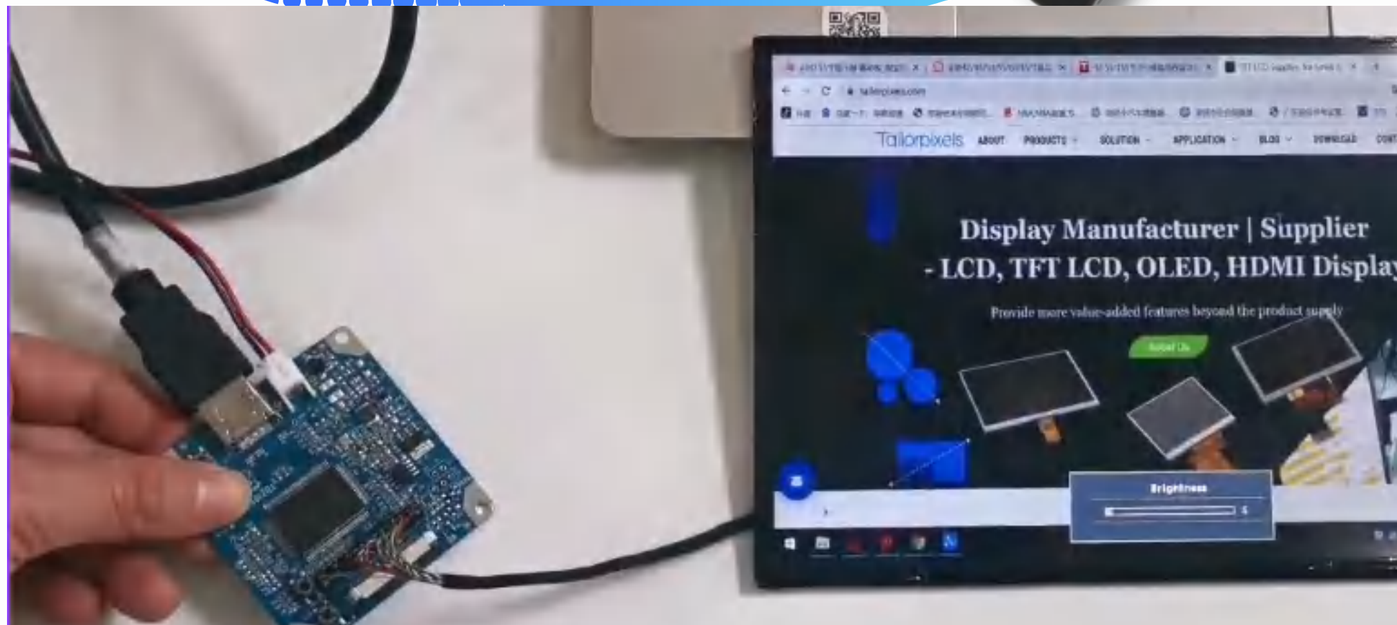
A Professional Manufacturer of Display

LCD Controller Board

a solution to drive your displays



Controller Board Solutions

Common video inputs to display

EDP to HDMI/ VGA/ DVI

LVDS / RGB to HDMI/ VGA/ CVBS

Integrated controller board for touch and display

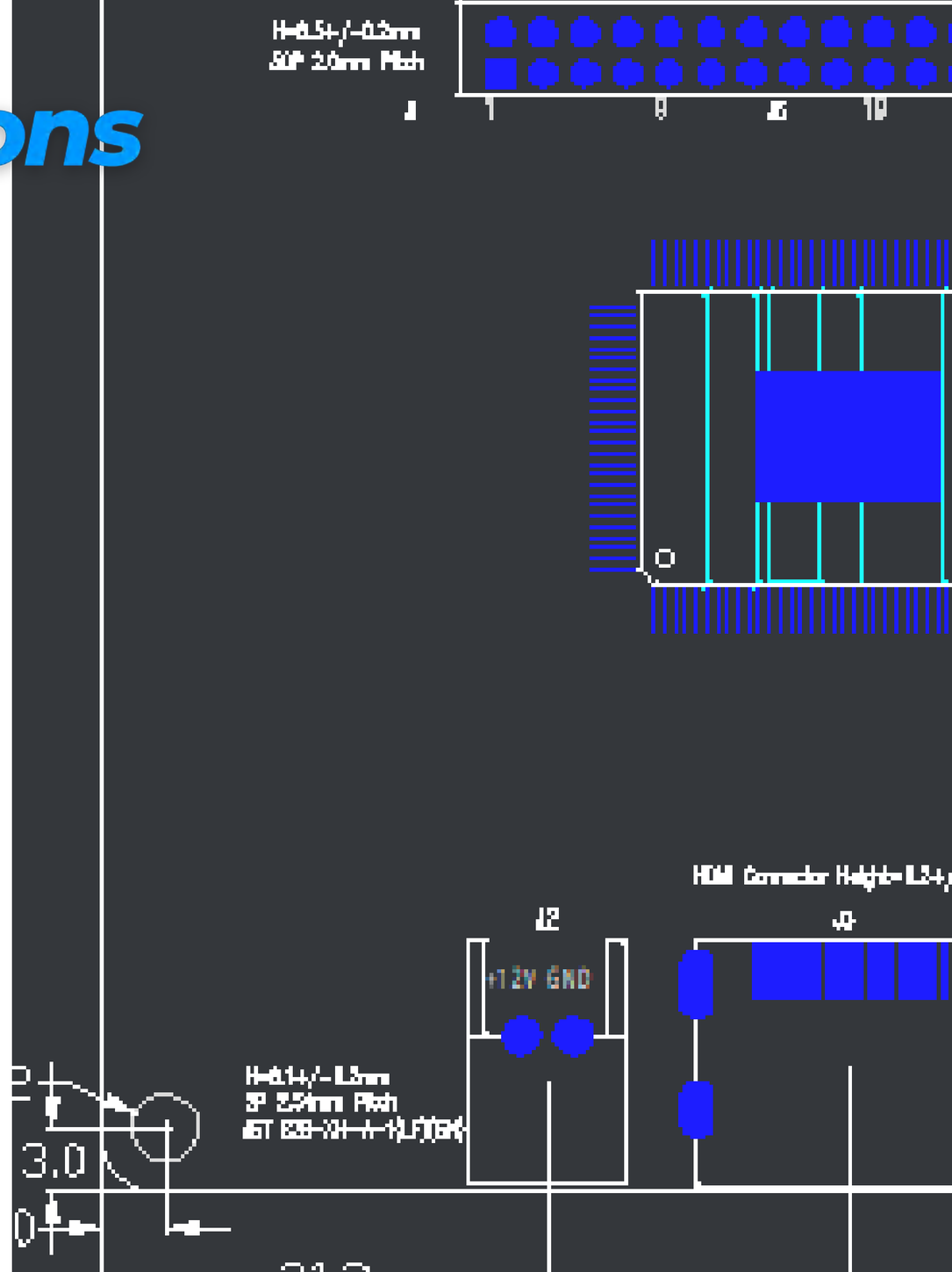
Integrate I2C touch and power to USB

Integrate touch and display in one controller

Solution to upgrade the monochrome LCD to TFT Color LCD

RGB to MCU

Custom Controller Board



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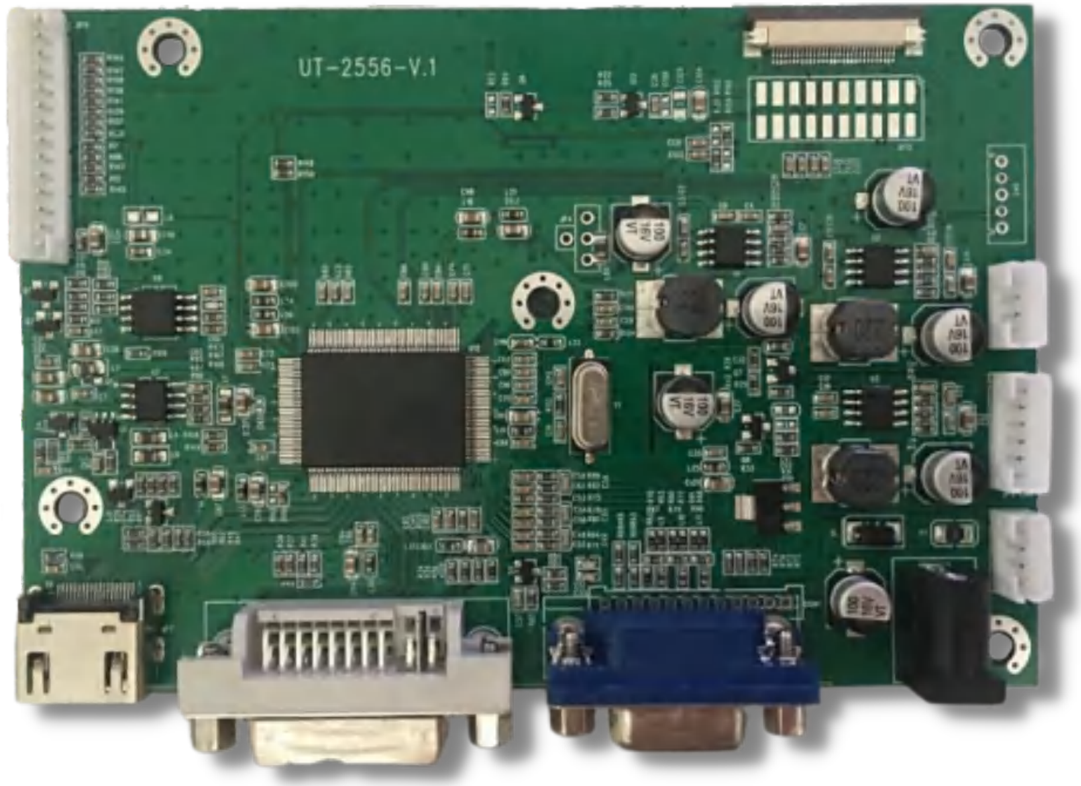
EDP to HDMI/ VGA/ DVI

Support LCD of 1920×1080pixels



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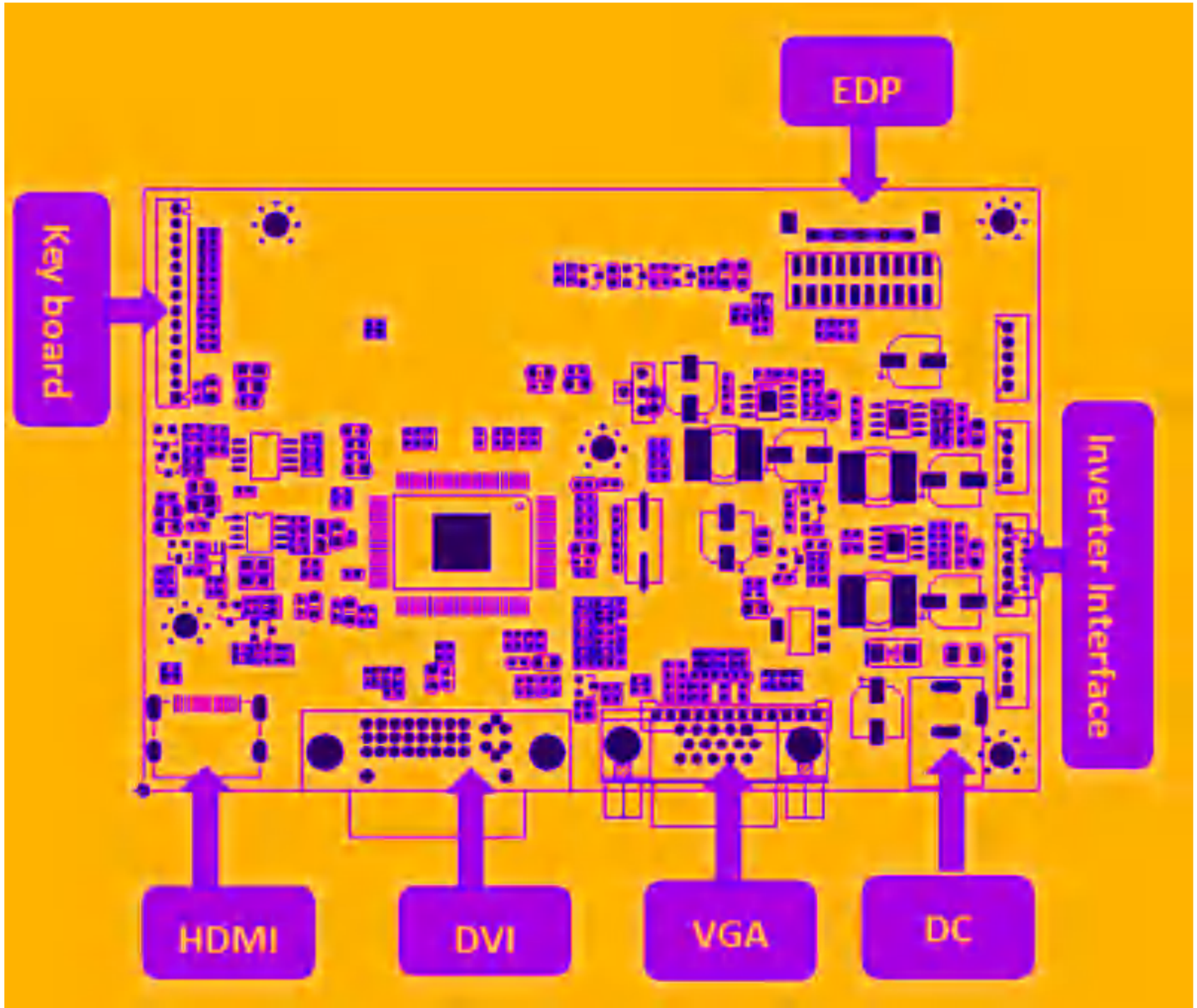

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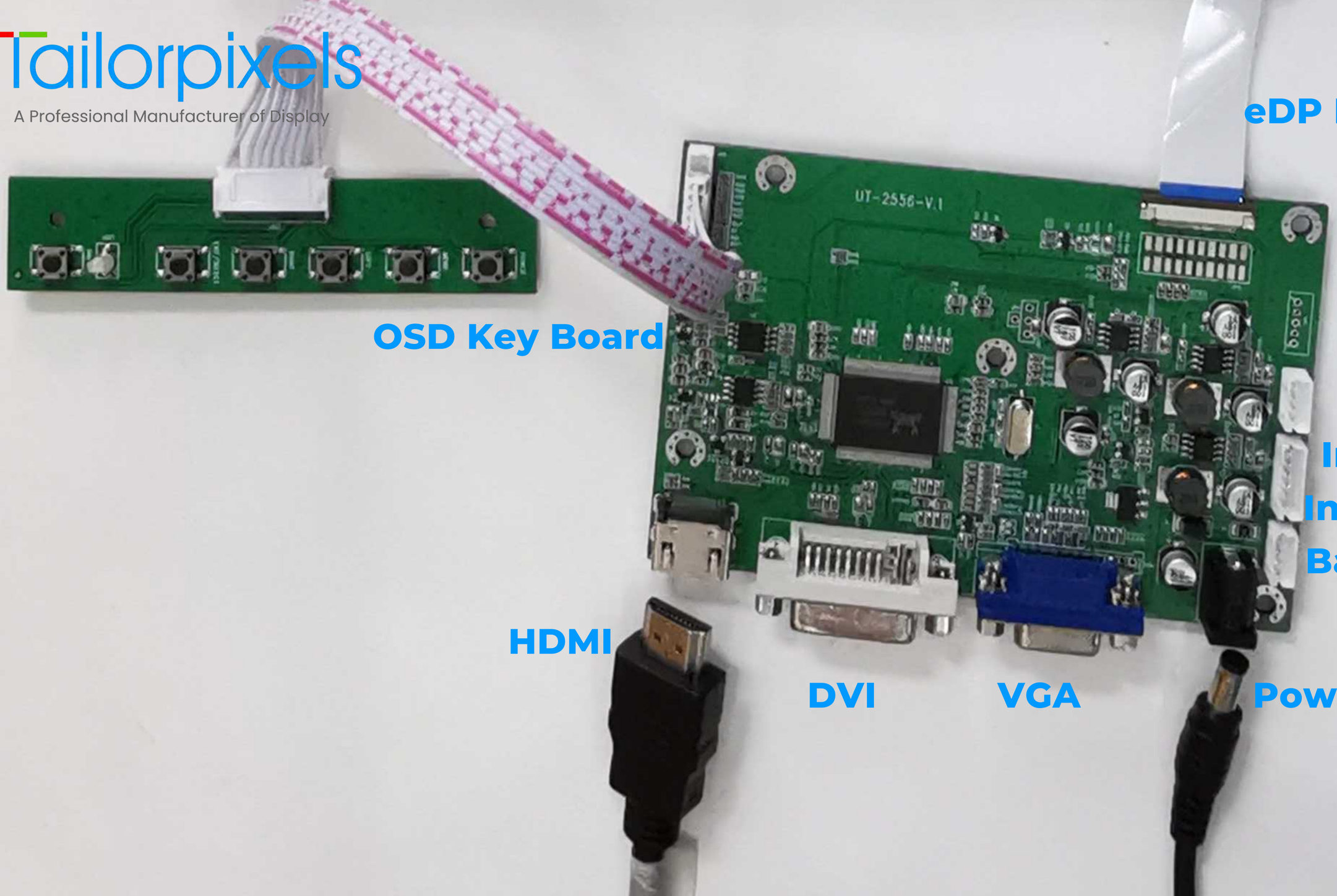

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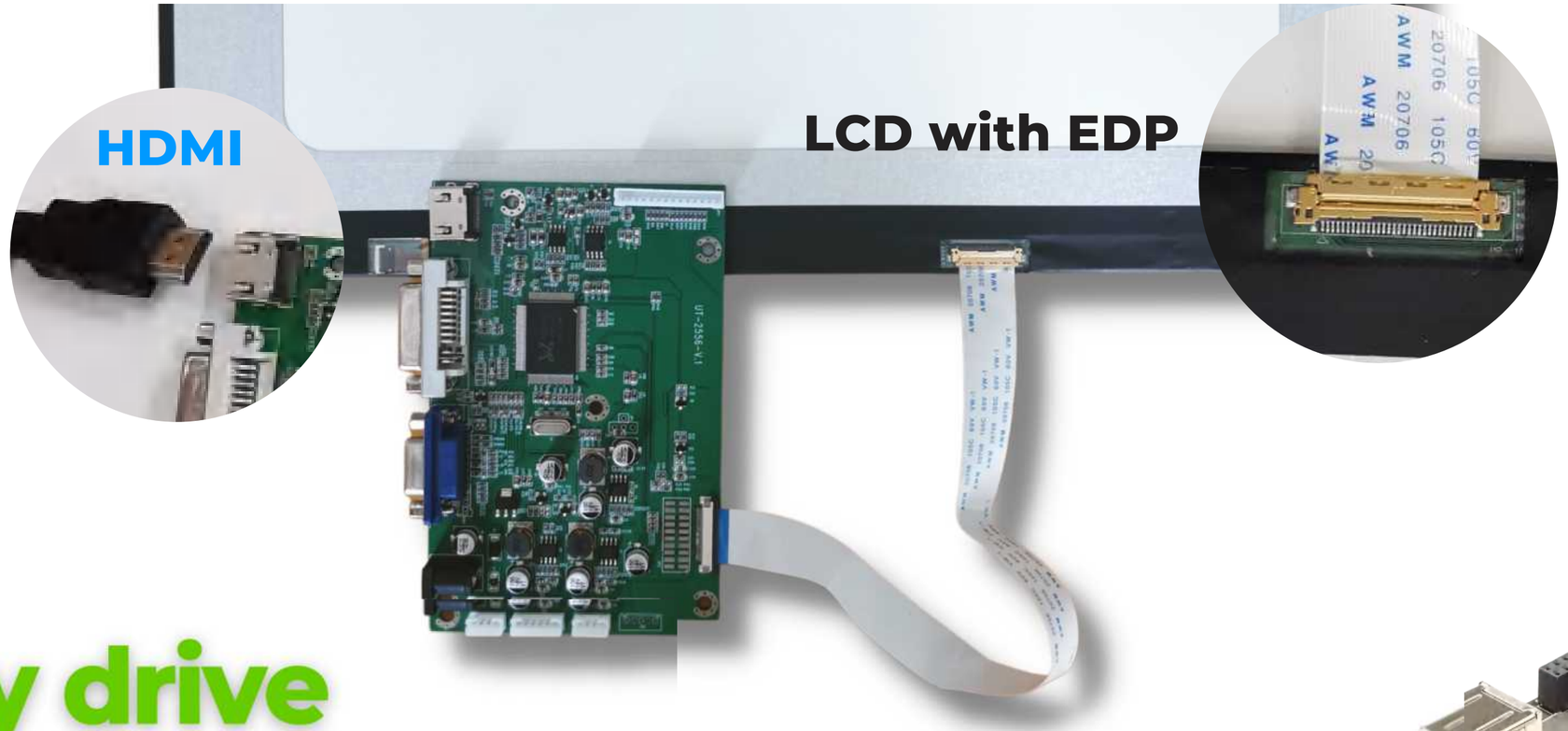

Easy drive via HDMI connector

HDMI cable

single-chip motherboard/ computer

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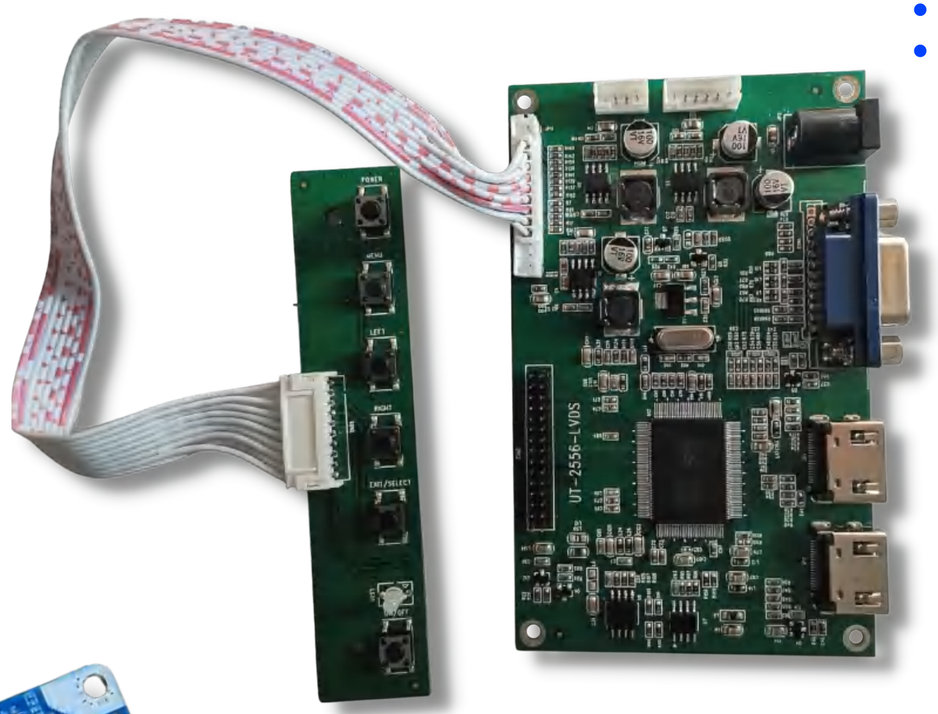
VDS / RGB to HDMI/ VGA/CVBS

Support LCD of 1920×1080pixels



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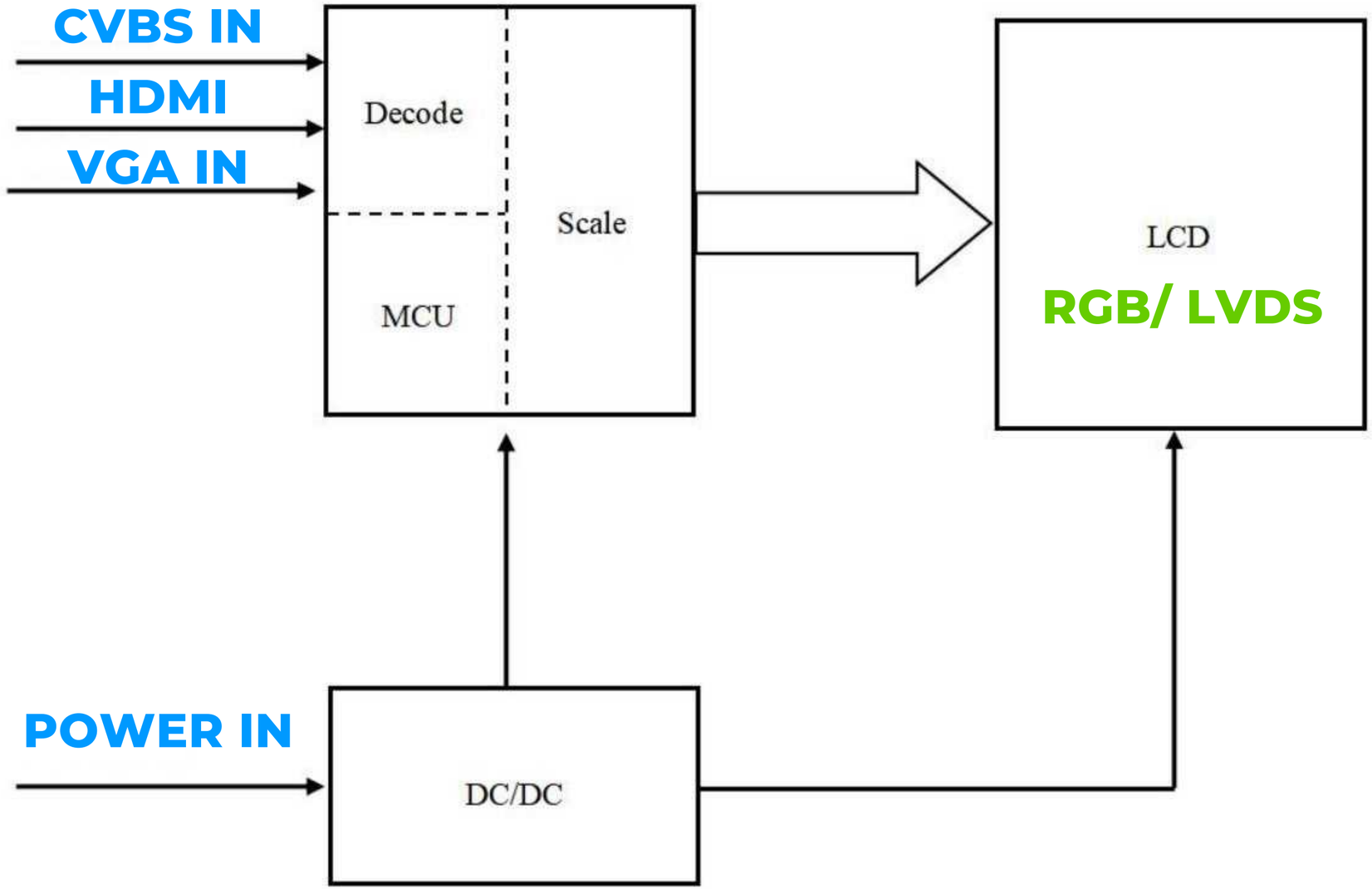
Block Diagram



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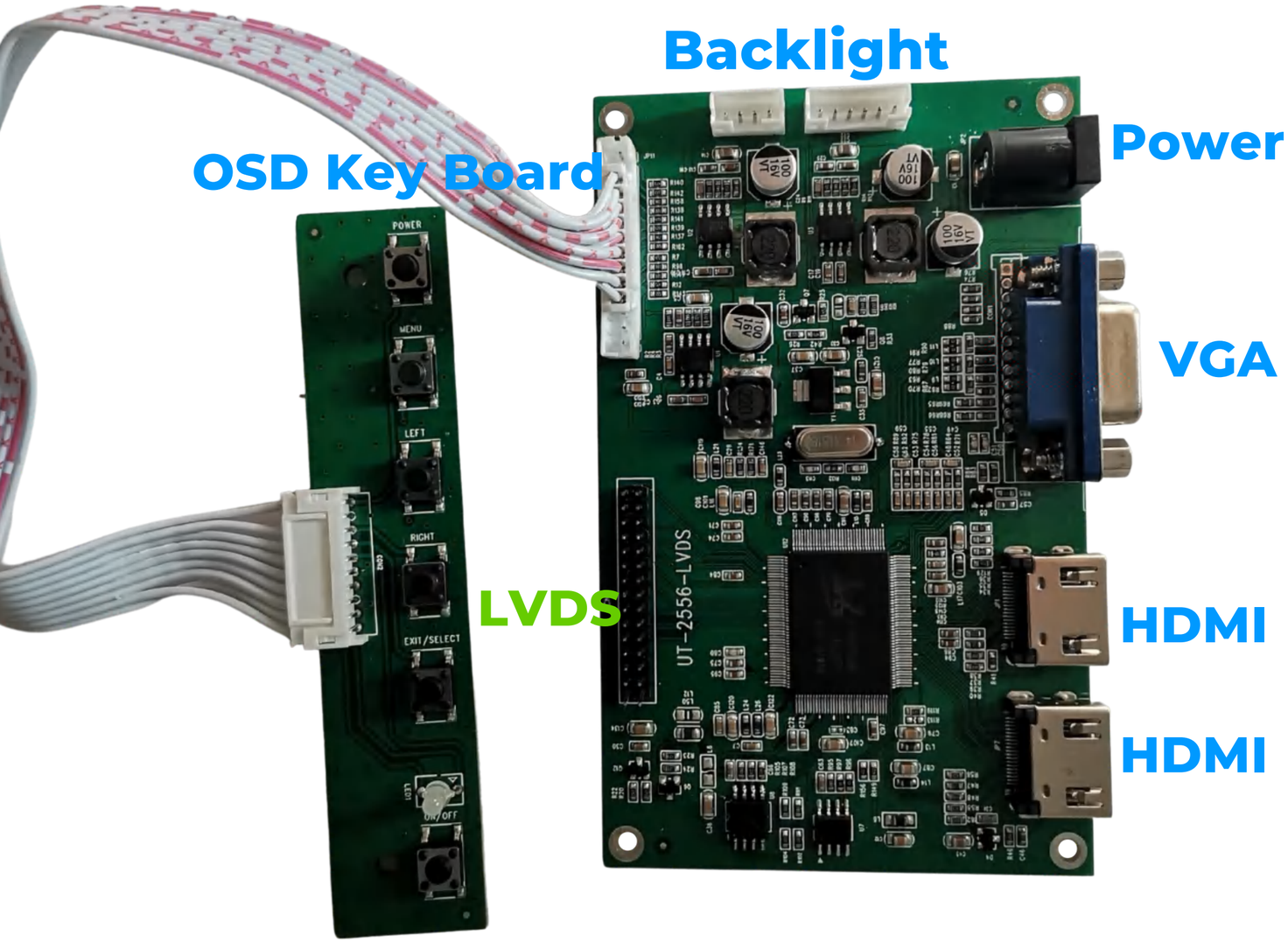

LVDS to HDMI / VGA

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LVDS / RGB to CVBS/ VGA/ HDMI

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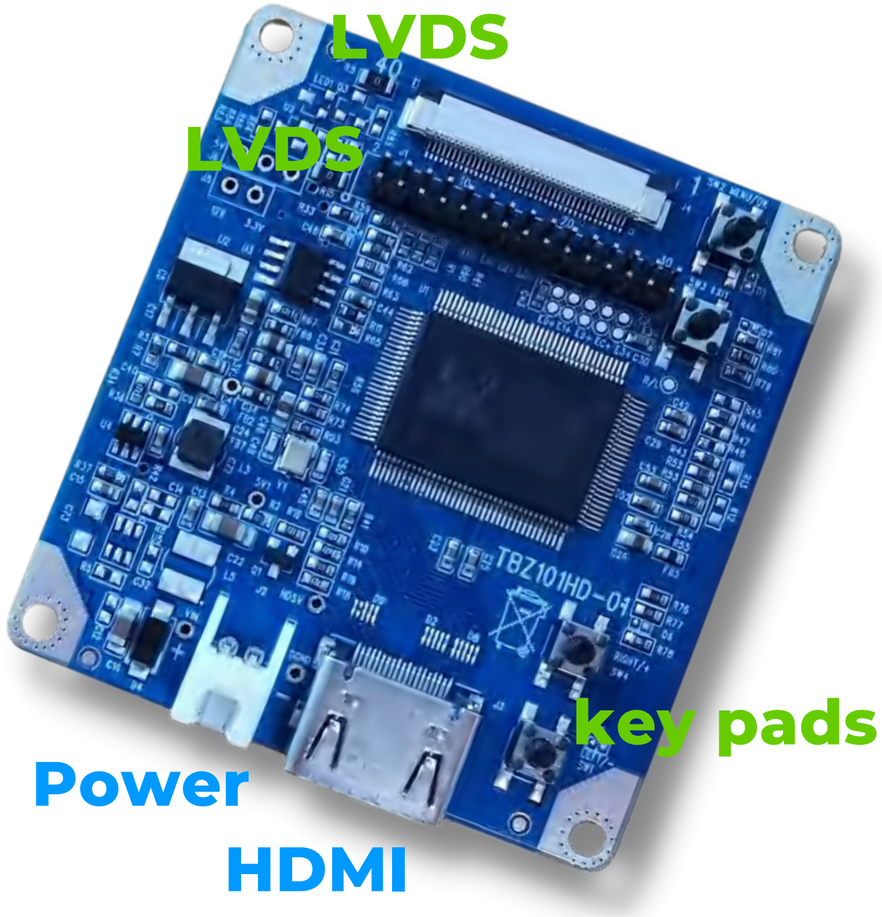

LVDS to HDMI integrated with OSD Keypads

Compact and Simple size: 65x60mm

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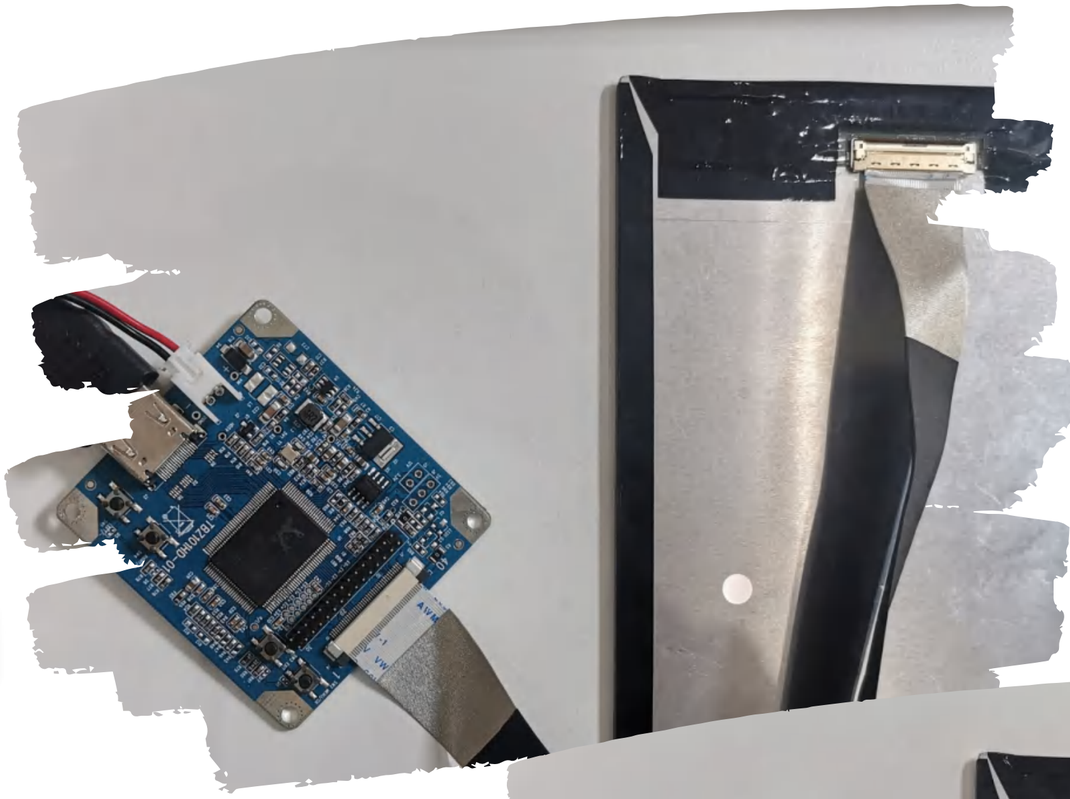
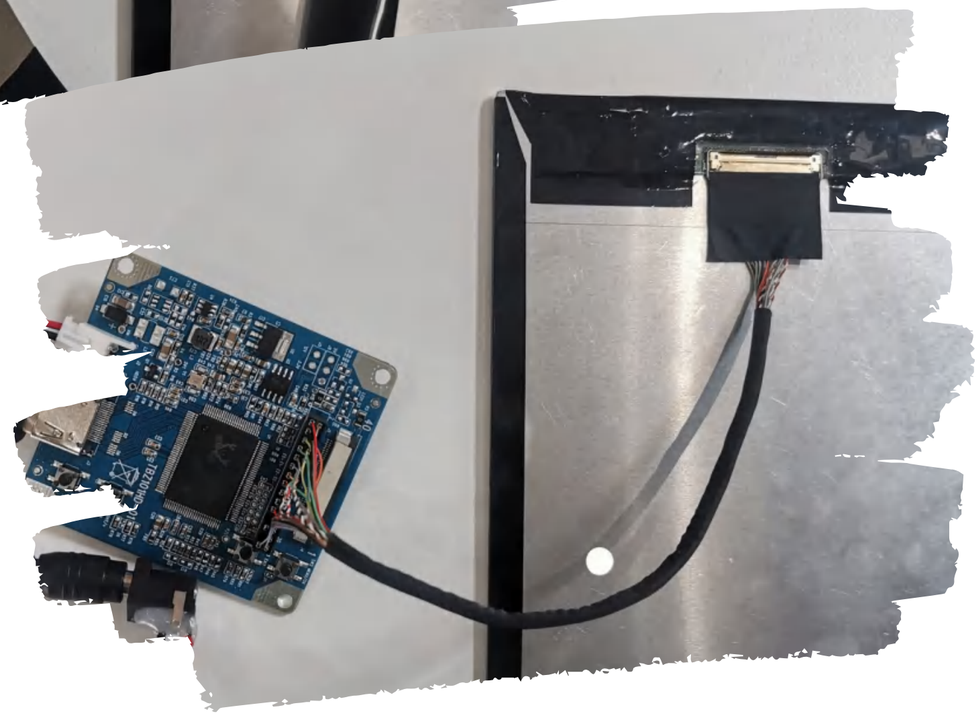
Standard LVDS FPC

Custom LVDS cable





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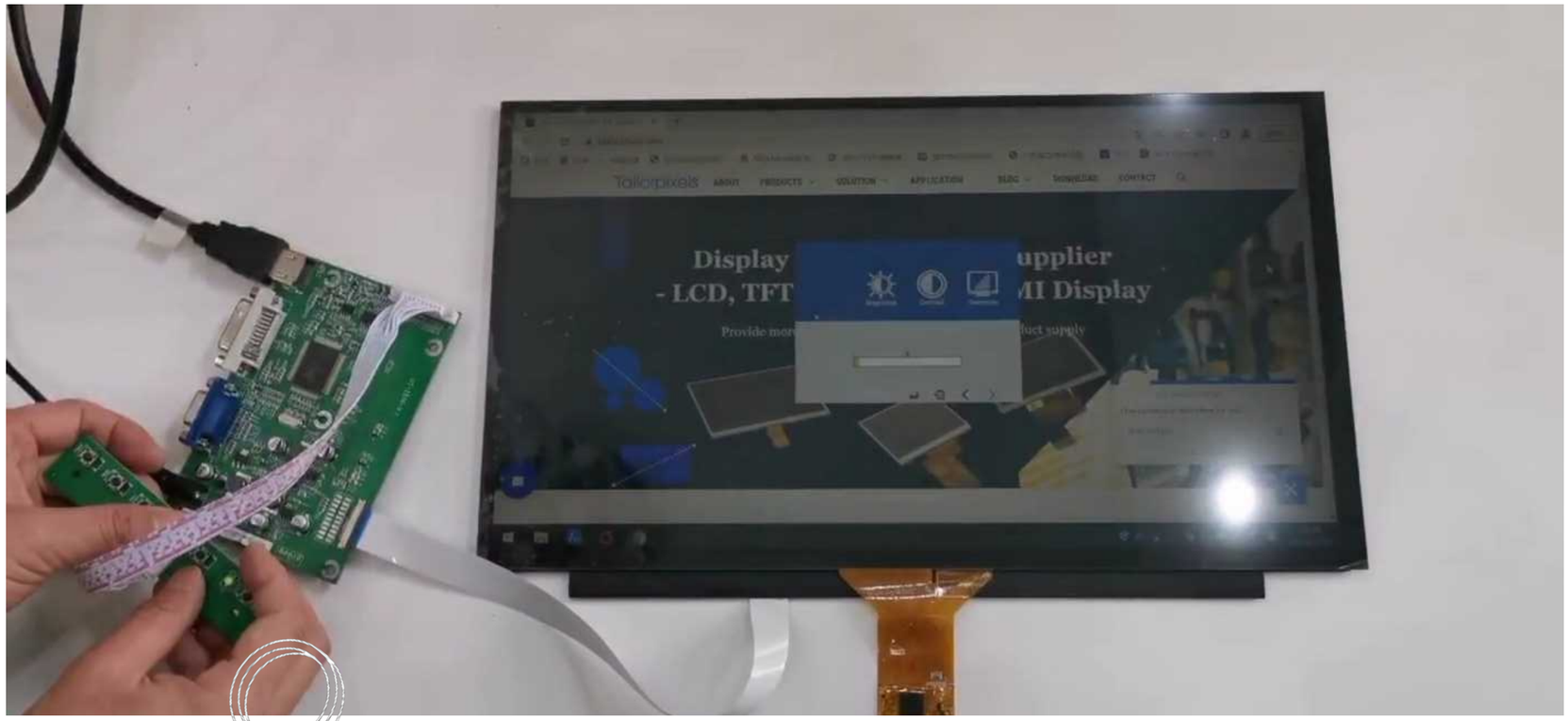

Video Demo

Universal controller board for 15 6-inch TFT LCD

OSD Keypad Adjustment

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Common video inputs to display

Controller Board	LCM Resolution Supported	PCB (W x H) (mm)	Interface Convert	Support Connector	Est. Unit Price (EXW/US$)
TBK043HD-01	800×480	105.50×83.40	RGB to HDMI	Capacitive touchscreen; Speaker; OSD keys	$11.43 – $14.69
TBK050HD-01	800×480	120.8×92.0	RGB to HDMI/VGA	Capacitive touchscreen; Speaker; OSD keys	$12.39 – $15.82
TBJ056VG-01	Multiple	89.0x68.0	RGB to VGA/CVBS	OSD keys	$9.00 – $13.00
TBJ070HD-01	Multiple	96.0×70.0	RGB/LVDS to HDMI/VGA/CVBS	OSD keys	$9.00 – $14.00
TBJ104VG-01	Multiple	113.7×88.4	RGB to VGA/CVBS	OSD keys	$9.00 – $13.00
TBJ101HD-01	Multiple	110.0×68.0	LVDS to HDMI/VGA	OSD keys	$13.00 – $20.00
TBZ101HD-01	Multiple	65.0X60.0	LVDS to HDMI	OSD keys	NC
TBJ156HD-01	Multiple	123.2×82.5	EDP to HDMI/VGA/DVI	OSD keys	$13.00 – $20.00

Remark:

- We only list part of our modules, if you could not find the applicable size or features in mind, tell us at tailor@tailorpixels.com
- LCD controller board can be customized to drive your display.
- Unit Price varies in terms of the order quantity, contact us for quote.

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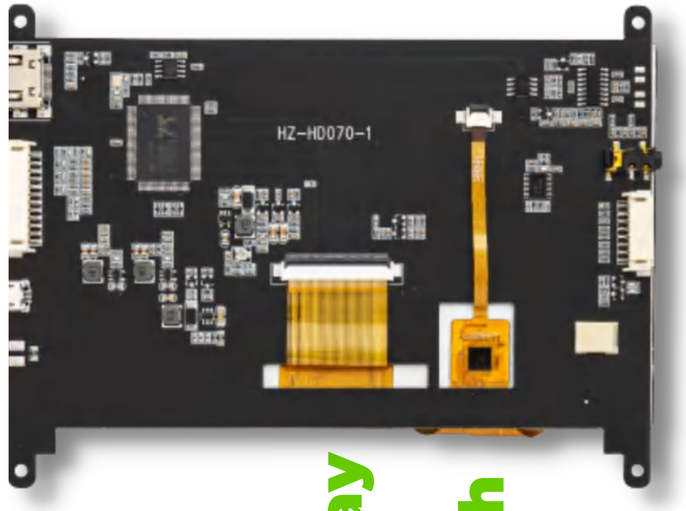
Integrated controller board for touch and display

Integrate touch and display

Integrate I2C touch and power to USB



All-in-One Controller Board

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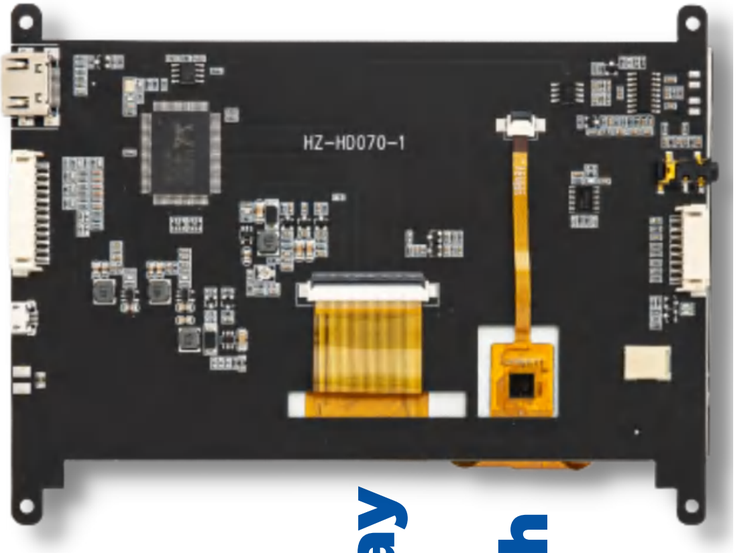
Two Designs

HDMI

VGA

micro USB for power



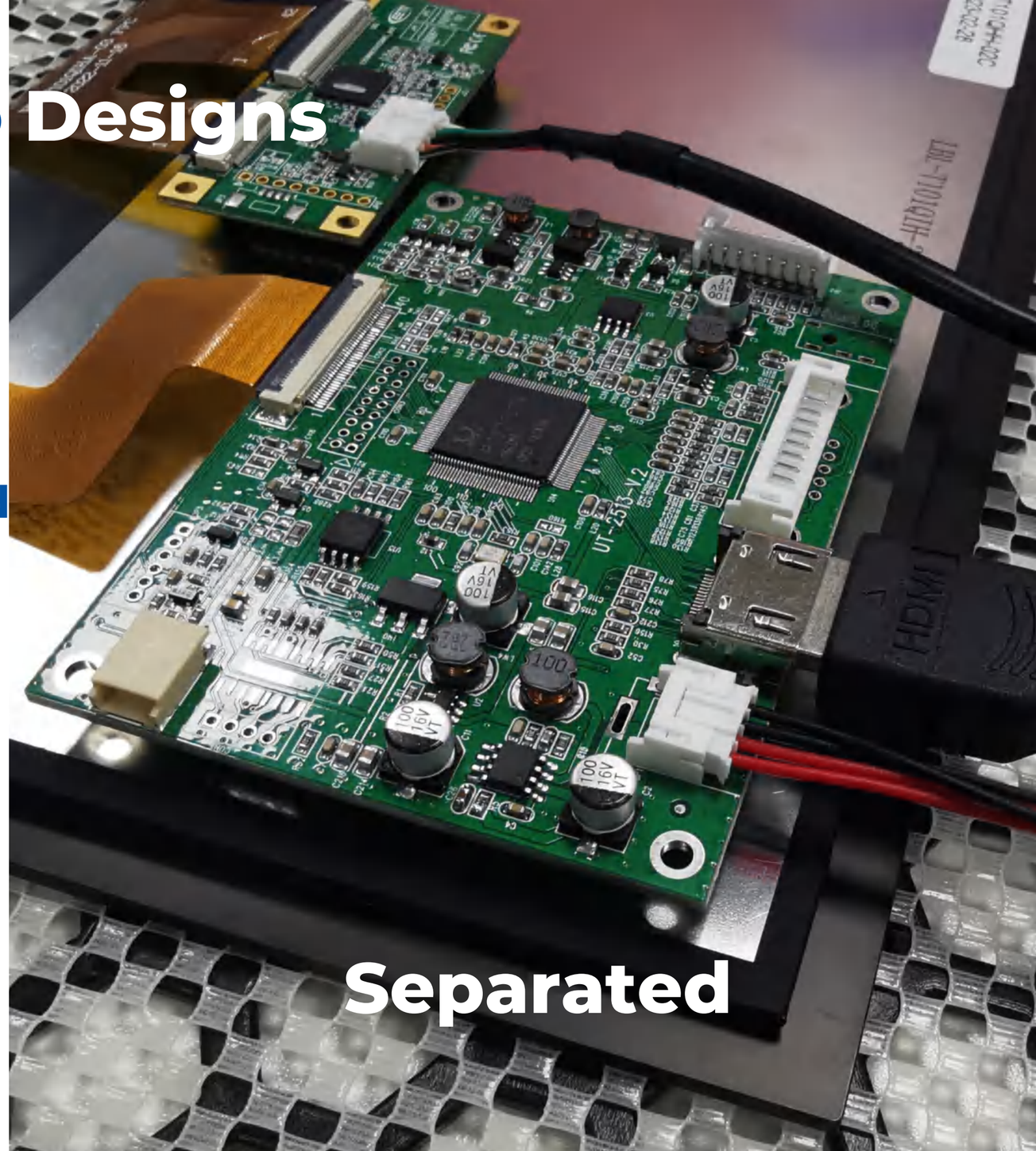
audio

OSD keypad

display

touch

All-in-One



Separated

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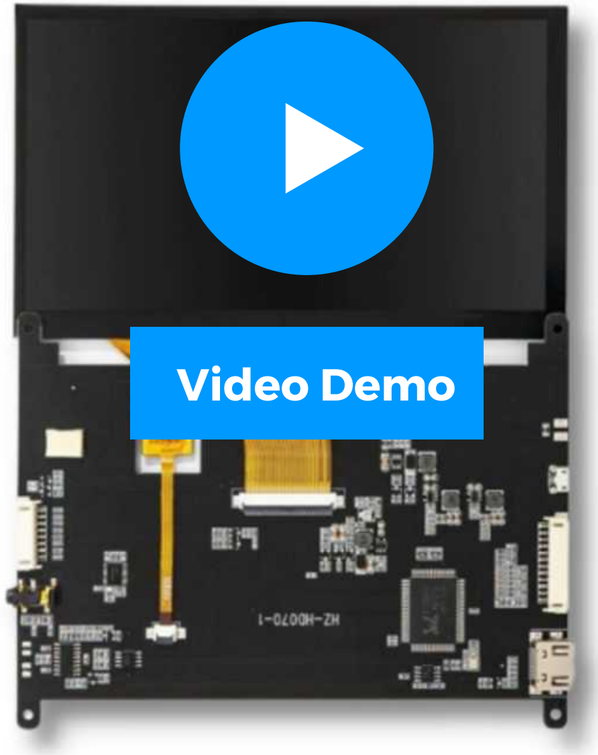
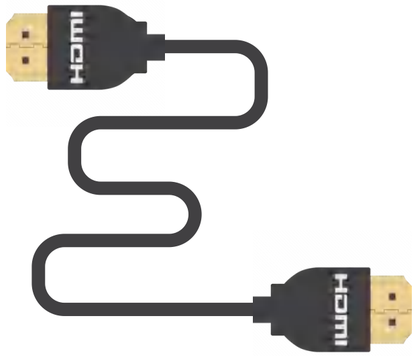
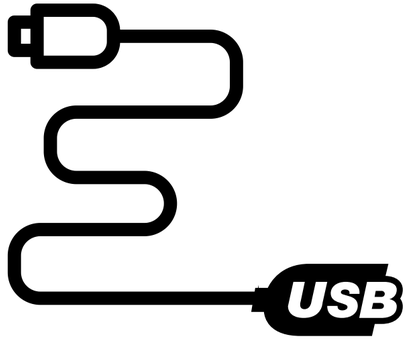


Easy Use

HDMI/VGA cable for display

USB cable for touch + power





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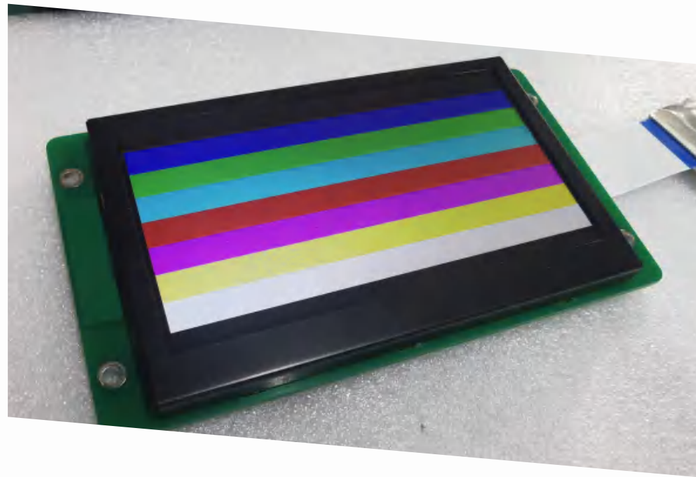
RGB to MCU

- Solution to upgrade the monochrome LCD to TFT Color LCD



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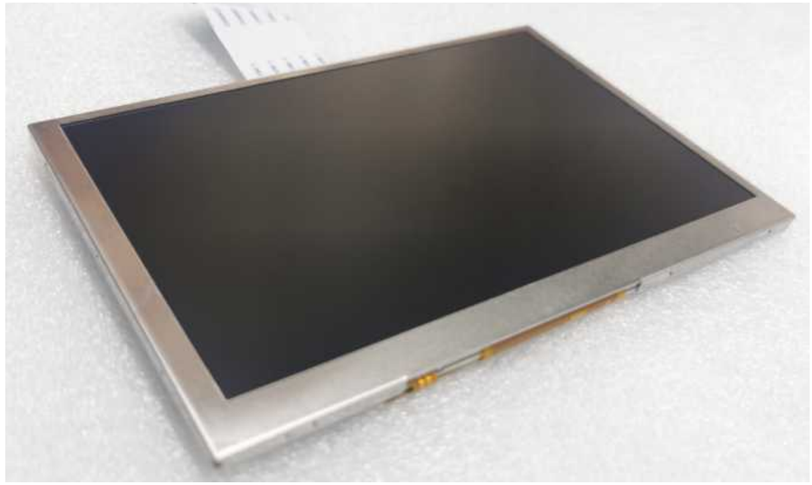
Add-on adapter board

Convert RGB to MCU, to accommodate the terminal with MCU/ single-chip microcontroller.

TFT LCD Features

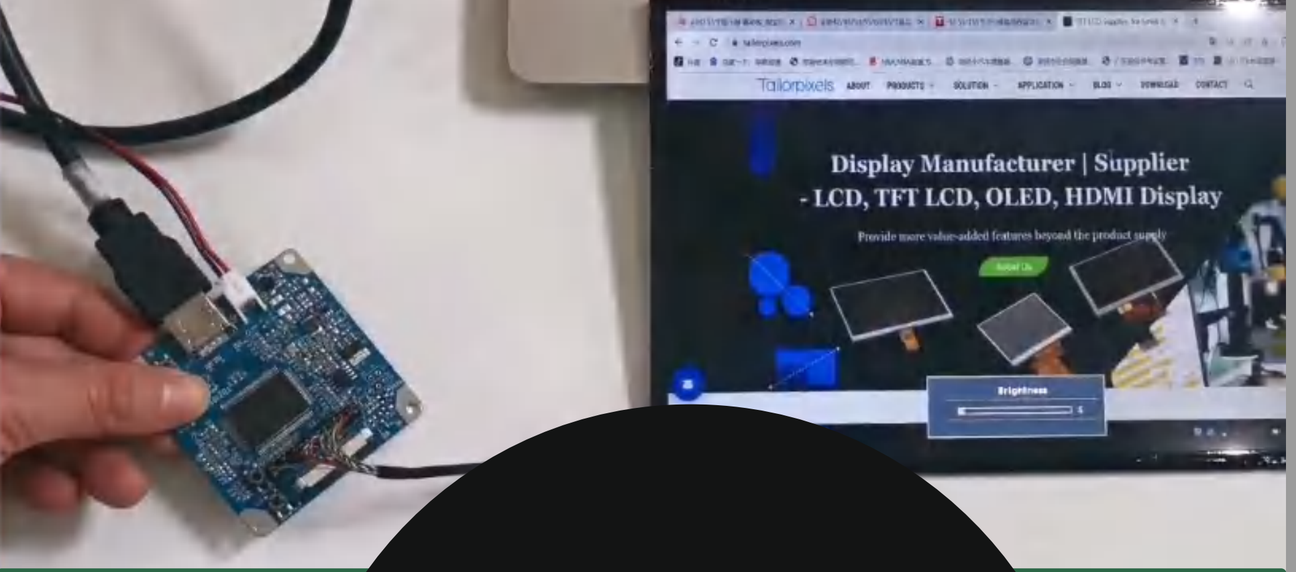
Interface: RGB

Common size: less than 5"



5.0-inch
480x272

4.3-inch
480x272



DRIVER + CONVERTER

Custom Interface Solutions

- interface converter
- LCD driver board

Multi-interface Converter

Custom Size and Outline

Support Various Resolution

Function-adds: audio, keys, touch

Reliable IC

RoSH compliant

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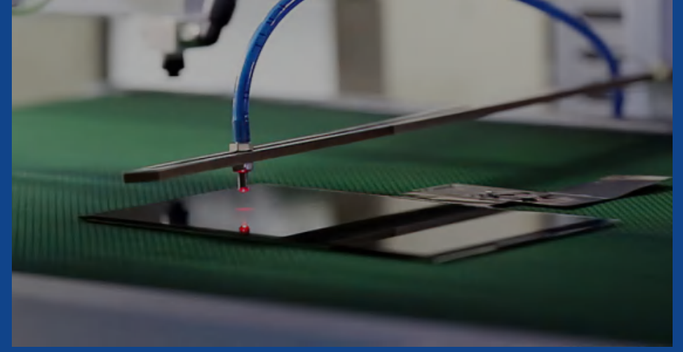
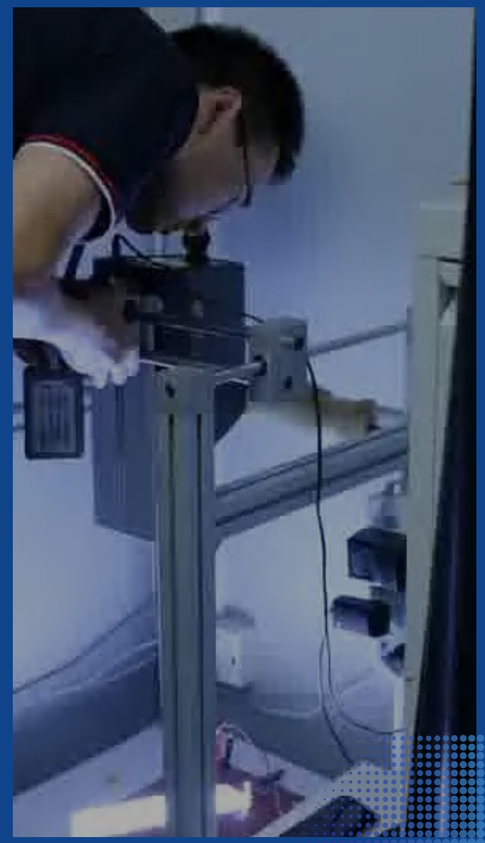


We Assurance the Quality in Actions



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