



TFT 50pin to 40pin + AR1100 Touchscreen Adapter

PRODUCT ID: 3305



Description

This is a very special adapter, specifically used for adapting our RTD266X driver boards that have 50-pin TFT connectors to use 40-pin TFTs. **Please note the adapter cannot be used the other way around!** As an addition, we add in an AR1100 resistive touch controller.

Resistive touch screens are incredibly popular as overlays to TFT and LCD displays. If you want to connect one to a computer you need something to handle the analog to digital conversion. Most converters we've found are not very easy to use, and are 'fixed' – making them difficult to calibrate. The AR1100 is a nice chip that solves this problem by acting as a touch->USB converter and also comes with calibration software. The calibration software is Windows only, but once you've calibrated you can use the screen on any OS. The AR1100 shows up as a regular Mouse or Digitizer HID device so no drivers are required and it works on any operating system that supports a USB mouse.

These are sold with our test calibration, you may need to calibrate yourself which you can do with the Microchip windows software. For more details including calibration software, check out the AR1100 page. Once you've got video working, when you plug into a computer's USB port you should see a new device and touching the screen will cause the mouse cursor to move around.

This adapter is for advanced users only!

Technical Details

Dimensions: 48.5mm x 24.5mm x 5.7mm / 1.9" x 1.0" x 0.2"

Product Weight: 5.8g / 0.2oz

