

PCN Tracking Number: PCN_CP_005

Issue Date: 16-06-2021

Product Change Notification

Product Part Number	ES-U-3001-M	
Description of Change	New USB-UART chipset and associated PCB changes.	Revision B will begin shipping once current inventory is depleted
Reason for Change	Updated to use new version of the USB-Serial Interface chip	
Detailed Description	<p>The following changes have been made:</p> <ul style="list-style-type: none"> The USB-UART chip FT232BL is replaced with FT231XQ. The updated version supports a 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput. The schematic and layout of the internal PCB is accordingly changed for the FT231XQ. There is no change on the enclosure and the shape of the product. The two versions look identical for users, unless the enclosure is opened. 	
Impact to Data sheet	No impact to datasheet	
Benefit of Change	Updated USB-UART chipset offering increased buffering	
Markings to distinguish revised from:	<p>There are no external changes to the enclosure. The updated version can be identified by the part number:</p> <p>The ES-U-3001-M is replaced by the ES-U-3001-MB</p>	
Sample Availability	Mid-2018	
Risk Assessment, Fit Form and Function & reliability	Not applicable	
PDF Download	https://www.connectiveperipherals.com/product-discontinuance-notice	

Additional Information

USB Virtual COM Port Driver Requirements

Windows - The updated model has the same compatibility from Windows 7 up to Windows 10 as the original model.

- For Windows 7 up to Windows 10, use the latest FTDI drivers for both models. These are available on Windows Update or from the *Currently Supported Drivers* table at [FTDI VCP Drivers](#)
- Additionally, for legacy Windows XP/Vista, use driver 2.08.24 for both models. This is available from the *No Longer Supported* drivers table at [FTDI VCP Drivers](#)

Linux – Many distributions include a sio driver for FTDI chipsets.

- For distributions containing the ftdi_sio and using Kernel 3.0.27 onwards, both models are supported by the sio driver.
- For legacy distributions which include ftdi_sio but have a Kernel older than 3.0.27, only the original model is supported by the OS by default, as this pre-dates the FT231X. However, an udev rule is provided on the Downloads tab of the product page (see [Connective Peripherals website](#)) which adds the Product ID of the FT231X (0x6015) to the sio driver. This allows the updated version of the product to work on some legacy Linux versions.

Mac OS X – OS X versions from Mavericks onwards include an Apple-provided driver for FTDI chipsets.

- For OS X Sierra and OS X High Sierra, the driver included with the OS supports both models
- Some older OS X versions post-Mavericks include an FTDI driver supporting the FT232B and FT232R, but not supporting the FT231X chipset. In these cases, the FTDI-provided VCP driver can be used with the updated product. These are available from the *Currently Supported Drivers* table at [FTDI VCP Drivers](#) and can be installed using the procedure explained in the [Mac OS X Installation guide](#)