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Date: 10/31/2018

To: All Affected Customers

Title: Product Change Notification

Change Type: Controller IC

Affected Product(s): USBG-232MINI

Effective Date: 6/1/2018

Device Identification: Mini USB to RS-232 Serial Adapter DB-9 Male Converter

1. The USB---UART chip FT232RL is replaced with FT231XQ---R. The new version supports 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for higher data throughput. The discontinued version with FT232RL supports 384 byte Rx buffer and 128 byte transmit buffer.

The new version provides even better performance than the old versions due to deep transmit and receive FIFO.

2. The schematics and layout of the internal PC board is accordingly changed for FT231XQ---R. The two LEDs are at the same locations without change, to fit in the plastic enclosure.
3. There is no change on the plastic enclosure and the shape of the product. The two versions look identical for the users without any difference, and the new version performs with higher efficiency in serial data transmit and receive.
4. The driver is updated, and it is supported in Windows Update. When the adapter is installed in the Windows 10, 8, 7 and the PC is connected to the Internet, the driver will be installed automatically without the need to install it manually.

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