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Date: 10/31/2018

To: All Affected Customers

Title: Product Change Notification

Change Type: Controller IC

Affected Product(s): USB-COMI-M

Effective Date: 6/1/2018

Device Identification: USB to RS-232 Selectable RS-422 – RS-485 Industrial Adapter

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 high data throughput. The discontinued version with FT232BL supports 384 byte Rx and 128 byte transmit buffer.

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

2. The schematics and layout of the internal PC board is accordingly changed for FT231XQ-R.
3. There is no change for the RS-422 and RS-485 Mode Setting. The internal 3-pin DIP switch is exactly the same as the previous version.
4. The DIP switches settings to set RS-232/422/485 Operation Modes, and the jumper settings for Termination and Biasing, and 5V Power Output Enabling are all done in the same way as the previous version. Users familiar with the settings of the USB-COMi-M using FT232BL don't need to spend any time to learn how to configure the new version in a different way. The same user manual applies to the new version without change, except for the 512 byte Tx/Rx FIFO size.

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