

## Upgrade Instructions for J1000KU to 64-bit and Windows Vista/7

This procedure will make the J1000KU hardware compatible with R2000KU drivers and ActiveX. This will allow the J1000KU to operate on 64-bit Windows operating systems including XP, Vista and 7. The MProg utility will be used to change the J1000KU hardware USB Product ID (PID) to match the R2000KU PID. **You must use a computer that has never had the R2000KU software installed on it. Note: The upgrade process is not reversible. Be sure you are ready to proceed.**

(1) Download and unzip MProg 3.5 from this link:

<http://www.ftdichip.com/Resources/Utilities/MProg3.5.zip>

(2) Connect a single J1000KU device to be upgraded and install the J1000KU drivers if necessary. Note: do not run MProg with more than one J1000KU device attached.

(3) Run MProg.exe from its unzipped location.

(a) From the "Tools" menu select "Read and Parse". The "Product ID" in the "Basic Details" pane should read "FB80".

(b) To create a backup of the current configuration, select from the "File" menu "Save As" and save with a unique "File name".

(c) From the "File" menu select "Edit" to enter edit mode.

(d) In the "Basic Details" pane change the "USB VID / PID" pull-down menu to "FTDI Default". The "Product ID" should now read "6001".

(e) In the "USB Serial Number Control" pane check the "Use Fixed Serial Number" selection.

(f) In the "Programming Options" pane, uncheck "Only Program Blank Devices."

(g) To save the new configuration (required before programming), select from the "File" menu "Save As" and save with a unique "File name".

(h) From the "Device" menu select "Program" and the status pane at the bottom will read "Programmed Serial Number: QWR1xxxx" with the respective serial number on success.

(4) Complete steps 2 and 3 for any additional J1000KU devices to be upgraded.

The upgraded J1000KU devices are now compatible with R2000KU drivers and ActiveX and are no longer compatible with the original J1000KU drivers and ActiveX. The R2000KU drivers and ActiveX must be used for compatibility with Windows Vista and 7, and for any 64-bit operating system.