

# Mega\_Link

## APPLICATION NOTE AN024

### Upgrading Firmware

## 1 Summary

From time to time firmware upgrades are issued for **Mega\_Link**. They are issued either to add new features or to fix bugs. The firmware installed in a given for **Mega\_Link** can be monitored via the built-in display from the System Configuration >>> System Information menu. The internal memory is divided into two banks designated Bank A and Bank B. The bank currently in use is included in the display.

The firmware can be easily upgraded by downloading a new file into **Mega\_Link**. The new firmware will be saved in the bank that is currently not being used, then **Mega\_Link** will re-start using the new bank.

If the system is currently working as required we would not recommend upgrading its firmware.

## 2 Method of Operation

Upgrading firmware requires a PC running DUCX firmware and connected to the target via a USB cable.

The new firmware will be a file named Mega\_Link Vaa.bb.cc.bin, where aa.bb.cc defines the version number. This file may be downloaded from our website or e-mailed.

1. Copy the file to a known location (e.g. your desktop)
2. Open DUCX and select Tools >>> Firmware Upgrade or click on the relevant icon
3. Click on the icon adjacent to the Firmware Image window and navigate to the location of the file.
4. Click on the Upgrade button. The "fuel gauge" monitor may take a short time to start responding, but will then indicate progress
5. On completion DUCX will display a message "Resetting target" and the **Mega\_Link** will re-boot.