Tools Advisory: Boot from JTAG when OTP is programmed

1 Products affected

This advisory applies to xTIMEcomposer versions 14.0.x or 14.1.x.

2 Issue

When **xburn** is used to program the OTP of an xCORE-200 device (XL/XLF/XU/X-UF/XE/XEF) using the option `--enable-jtag` and then flash memory is programmed using **xflash**, the following error message will be encountered when attempting to run any program via JTAG (using **xrun** or **xgdb**):

xrun: First stage multi-node boot failed, please check XN file and XMOS link connectivity

3 Workaround

Erase flash memory before attempting to run any program. Use the **xflash** option `--erase-all`.

4 Recommendation

Use xTIMEcomposer version 14.2 or above to program the OTP of an xCORE-200 device. This version enables the secure bootloaders to jump back to the boot ROM when a boot from JTAG is requested and permitted.

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