



Product Notice

PN Number 103

TITAN FLASH CHANGE

Issue Date:	19 April 2011	Circulation:	General
PCB Version:	1	Schematic Version:	1
PCB Issue:	1	Schematic Issue:	1

Notice:

This note is provided to highlight a change to the on-board NOR flash used on the TITAN board. The flash part changes from Spansion S29GL256Nxxx to Spansion S29GL256Pxxx due to device obsolescence. The key difference is the P flash is requires slightly slower chip select timings.

On Linux based TITAN systems, RedBoot needs to be updated to v1i5 to support the newer device. Linux images created for the TITAN can be used on P flash based boards by applying the latest Redboot version. This can be obtained from Eurotech Technical Support.

On Windows CE based units, no change is required because the flash timings setup by eBOOT already meet the P flash requirements.

Boards ordered without an operating system are always supplied with Redboot v1i5 so would not be affected unless a user downgraded the RedBoot version by loading an older 32MB Linux flash image that contained pre-v1i5 RedBoot.

If you normally receive boards with our standard image and simply add your applications on top of this on a board by board basis, then you should be able to continue to use the TITAN board in exactly the same way. If you have created an image that you download in order to speed up this process, then for Linux you will need to update the RedBoot portion of your image.

TITAN development kit images are available for both Windows CE and Linux.

If you have any questions about this or about any of our products please contact Eurotech Technical Support.