Product Change Notification

TX53
i.MX53 Maskset Revision and Errata Fix

Description

Freescale implemented die level improvements in the LDO and SRTC functionality, which eliminates two related errata. This mask revision will fix errata ENGcm12374 and ERR007080 as previously indicated in the latest errata documentation release rev4 currently on Freescale.com.

Other than intended improvements to SRTC and LDO functionality and marking, there are no changes to form, fit, or function. In addition to this the silicon revision was changed unexpectedly leading to a minor software change.

Also refer to: http://cache.freescale.com/files/shared/doc/pcn/PCN15929.htm

Software requirements

Two different bootloader, RedBoot and U-Boot, are provided by Ka-Ro. No changes are needed for U-Boot but unfortunately RedBoot shows a warning:

```
Unrecognized chip version: 0x00000004!
Assuming chip version=0x00053000
...
Platform: Ka-Ro TX53 processor module (Freescale i.MX53 based) PASS x.x [x32 DDR]
```

This warning has no impact on functionality and can be ignored. Use the latest RedBoot version dated November 10, 2014 or later to eliminate the warning.

Milestones

Date of migration: immediate

Should you have any issues with the timeline or content of this change, please contact Ka-Ro electronics.

Ordering information

No change.