

## Product Change Notification

### Samsung to Micron Flash migration

#### Description

Samsung has announced end of live for their SLC NAND flash devices which are used on the TX25. A Micron replacement will be used instead. A minor change is needed for some software as described below because of the different ID of the Micron flash.

Item	Samsung		Micron
Part Number	K9F1G08U0D	K9F1G08U0E	MT29F1G08ABAEAWP-ITX:E
Page size	2112 bytes (2048 + 64 bytes)		
Block size	64 pages (128K + 4K bytes)		
Device size	1Gb: 1024 blocks		
Page Read Time	35µs	40µs	25µs
Page Program Time (max.)	750µs	900µs	600µs
Block Erase Time (max.)	10ms	16ms	3ms
Program/Erase Endurance	100K cycles	50K cycles	100K cycles
Max. Number of Page Program Cycles	4	1	4

#### Software requirements

Type	Requirements
RedBoot	February 2015 release or later
U-Boot	No Change Needed
Linux	No Change Needed
Windows CE 6.0	BSP Version 1.8C or later

#### Milestones

Date of Samsung to Micron migration: mid of 2015

Should you have any issues with the timeline or content of this change, please contact the Ka-Ro electronics. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestone set forth in this PCN.

#### Ordering information

No change.

AFFECTED MPN  
TX25-4021