

Product Change Notification PCN.2012.01.03.1

Transition from
Robin Z530L V2.0a,b,c to Robin Z530L V2.1a

Date of Publication: January 3, 2012

1. Toradex Product Numbers Affected

Production Module EOL		Replacement	
Part Number	Product Name	Part Number	Product Name
01252002	Robin Z530L V2.0c	01252100	Robin Z530L V2.1a

2. Product Phase in / Phase out Schedule

Production Module EOL		Replacement	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
01252002	LTB (Last Time Buy): LTS (Last Time Ship): Toradex will continue to sell existing inventory until the stock is depleted.	01252100	Volume Production: March 2012

There is no sample phase for this new revision. The current revision will be replaced with a direct transition to the new revision.

Customers are strongly encouraged to convert their designs to the replacement parts listed above. Toradex also advises customers to carefully validate the new module before their production release.

3. Description of Changes

From 01252002 to 01252100 (version 2.0c to 2.1a)

- Solid State Disk Greenliant GLS85LP1004A (EOL) replaced by Greenliant GLS85LP1004B-CB0-M-C-LFTE



- Micro SD socket JAE ST2S008V1A (EOL) replaced by Amphenol 101-00581-59
- EMC Filter capacitor values on Embedded Controller outputs decreased from 100nF to 1nF.
- Minor schematic and layout changes, optimizations for manufacturer

4. Customer Impact

4.1. Hardware Design

- The required external circuits of the GLS85LP1004B are equal to the one of GLS85LP1004A. Therefore there is no need for a change on the customer carrier board.
- The lower EMC Filter capacitor values lead to slightly increased rise times of the following signals:
 - o CE_WDT_OUT
 - o CE_CB_RESET#
 - o CE_THERMTRIP#
 - o CE_SUS_STAT#
 - o CE_SUS4
 - o CE_SUS3

4.2. Software

- No impact known

5. Definitions

LTB: Last Time Buy

LTS: Last Time Ship

EOL: End Of Life