

PCN – Product Change Notification

Topic :	Product Migration to RoHS Compliance (Lead-free)
	UBX-TN-06000
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1 Affected Products

Technology	Product Name	Order Number	Data Code (Old)	Data Code (New)	Remarks
ANTARIS	TIM-LC	TIM-LC-0-000-x	≤130100.0600.000	130100.2000.000	
	TIM-LA	TIM-LA-0-000-x	≤130400.0200.000	130400.2000.000	
	LEA-LA	LEA-LA-0-000-x	≤131400.0500.000	131400.2000.000	

2 Type of Change

Hardware modification

Firmware update

Others, _____

3 Description of Change

Increased environmental awareness and coming legislations like the European Community directives for Wastes from Electric and Electronic Equipment (WEEE) and Restriction of Hazardous Substances (RoHS) are the driving forces for the electronics industry to move to environmentally friendly lead-free electronic products and assembly processes. The European directives impose rules on use of lead and other hazardous materials by July 1, 2006 and will affect the global market of electronic products.

Details are provided in our web page www.u-blox.com/technology/leadfree

4 Schedule

For the products listed above, shipments of the lead-free products listed above will start in January 2006, after the stocks of previously manufactured leaded products have been cleared.

5 Customer Impact and Recommended Action

The lead-free products from u-blox are backward compatible. They may be applied in both leaded and lead-free assembly and soldering processes. See [1] and [2] for recommended soldering profiles applicable to GPS modules.

6 Reference Documents

[1] TIM-Lx System Integration Manual, GPS.G3-MS3-01001

[2] LEA-LA System Integration Manual, GPS.G3-MS3-05019