



Greetings! ,

PCN No. 0124

PCN Type: New Component

Product: CelloTrack T

Date: October 29, 2015

Change Notification Description

This PCN is being issued to notify customers about the planned utilization of the Telit Jupiter SC872-A GNSS receiver instead of the existing GPS receiver.

CelloTrack Family Modification

The new, advanced GNSS receiver supports GPS and GLONASS, provides better sensitivity and consumes less power, as specified in the following comparison table:

Parameter	Old GPS Receiver	New GNSS Receiver
Chipset	SiRF Star 4	MediaTek MT3333
GLONASS support	No	Yes
Power consumption on acquisition	<55 mA	<40 mA
Sensitivity acquisition	-147dBm	-148dBm

Sensitivity navigation	-159dBm	-163dBm
Sensitivity tracking	-161dBm	-165dBm

As a result of the CelloTrack will be consuming on average less power and battery life time may be improved.

The modified CelloTrack family is fully backward-compatible with the existing one; no form, fit or function changes have been applied. The product part numbers, product names and technical documents have also not been changed.

A new FW version will support the new GNSS receiver as well as the old GPS receiver, and will also be backward compatible.

Cellocator has tested the modified product and validated that there is no impact on performance; in some aspects it performs better than the old GPS receiver, as mentioned in the table above.

Cellocator will deliver products with the existing GPS receiver till end of stock and then switch to the new GNSS receiver. The transition is expected in 1Q2016. After this transition, it will not be possible to get new CelloTrack-T shipments with previous FW versions but only with the new FW version.

Customers who would like to get samples for experiencing the product or conduct pilot installations, are welcome to contact their appropriate sales manager or customer support.

Should you have any questions regarding this PCN or the CelloTrack Family, you are more than welcome to contact the Product Management department or your appropriate sales manager.

Kind Regards,

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