

Product Change Notification

PCN No.	PCN_UC20&UC20_Mini_PCl_e_20180518_EN		Date of Issue (DD/MM/YYYY)	18/05/2018	
1. General Information					
Type of Change	Function Change				
Description of Change	Removed Rx-diversity function for UC20-G and UC20-G Mini PCIe modules				
Reason of Change	According to an investigation which has been conducted since the beginning of 2018, the Rx-diversity function on UC20-G and UC20-G Mini PCIe modules is not used (diversity antenna is not connected) by customers, while the Rx-diversity function is enabled by default in software configuration. This will cause reduction in downlink data rates in some cases and drains additional power. In order to avoid these effects, we decide to remove the Rx-diversity function.				
2. Information for Affected Products and Alternative Products					
Affected Products Information			Alternative Products Information		
Model	Hardware Version	Ordering Code	Model	Hardware Version	Ordering Code
UG20-G	R1.0	UC20GC-128-STD	UC20-G	R1.0	UC20GD-128-STD
UC20-G Mini PCIe	R1.0	UC20GC-MINIPCIE	UC20-G Mini PCIe	R1.0	UC20GD-MINIPCIE
UC20-G Mini PCIe	R1.0	UC20GC-MINIPCIE-S	UC20-G Mini PCIe	R1.0	UC20GD-MINIPCIE-S
Alternative Products Release Time: Samples for Alternative Products are already available.					
Switch Time: Customers can decide their own switch time, and we will continue to supply Affected Products to current customers. Alternative Products will be used as samples for new customers from now on.					
3. Impacts of the Change					
Risk Assessment	<div>1. The firmware for UC20GB-128-STD/UC20GB-MINIPCIE/UC20GB-MINIPCIE-S/UC20GC-128-STD/UC20GC-MINIPCIE/UC20GC-MINIPCIE-S is still applicable for UC20GD-128-STD/UC20GD-MINIPCIE/UC20GD-MINIPCIE-S, and the Rx-diversity function will be disabled in factory settings for Alternative Products.</div> <div>2. Through rigorous and comprehensive hardware/software tests, Quectel ensures that the change will not affect the performance or other functions of the modules. So customers can feel safe using the Alternative Products.</div> <div>3. If Rx-diversity function is not used (diversity antenna is not connected), then this change will have no effect on current certifications for customers' products.</div>				

Suggested Implementation Plan	Customers can get samples to perform compatibility test before switching.
4. Customer Acknowledgement of Receipt	
<p>Please acknowledge receipt of this change notification by replying to info_PCN@quectel.com.</p> <p>If no feedback is received within 30 days after the issue date of this notification, then Quectel may accept that this change has been tacitly accepted and can implement the change as indicated above.</p>	