Product Change Notification

PCN No.	Quectel_PCN_2022070101	Date of Issue (DD/MM/YYYY)	01/07/2022

1. General Information

Type of Change	PCB Design Optimization
Description of Change	For the L89 R2.0 module: 1. Quectel has added an automatic reset function to reset the module to its normal state for situations where customers have not catered for a reset connection in their design. 2. Quectel has added an undervoltage protection function. 3. Quectel has added an internal power-on delay function to avoid any jitter that may be present on the power supply when power is applied.
Reason for Change	1. In cases when the hardware reset requirements as indicated in Quectel's reference design are not met in customer designs, the L89 R2.0 module cannot be restored to the normal state through reset. 2. In cases when customers have not catered for undervoltage lockout, undervoltage protection cannot be implemented in the L89 R2.0 module.

2. Products Affected

Pre-Change		Post-Change	
Model	**Ordering Code**	**Model**	**Ordering Code**
L89	L89HA-S90	L89	L89H**B**-S90

Sample Release Date:

Samples of Post-Change Products will be available as of 05/07/2022 (DD/MM/YYYY).

Proposed First Shipment Date:

The shipment of Post-Change Products will start on 05/08/2022 (DD/MM/YYYY) unless Quectel receives prior notice of refusal.

3. Customer Impact and Recommended Action

1. Ordering Code (OC) has changed. Please ensure a correct OC is selected before placing orders.
2. The reference design and firmware version of the Post-Change Product are the same with Pre-Change Product, so customers can replace the Pre-Change Product with Post-Change one.
3. Depending on stock levels, Quectel will ship either Pre-Change or Post-Change Products after your acceptance of this PCN.
4. No change in reliability and quality.

4. Customer Acknowledgement of Receipt

Please acknowledge the receipt of this PCN and submit your acknowledgement response by sending an email to info_PCN@quectel.com within 30 days of receiving the PCN.

Lack of acknowledgement of the PCN and/or the acknowledgement response within the said time limit constitutes tacit acceptance; thus, Quectel shall implement the change as indicated above.