

Product Change Notification

PCN No.	Quectel_PCN_2022041102	Date of Issue (DD/MM/YYYY)	11/04/2022
1. General Information			
Type of Change	<ol style="list-style-type: none"> 1. V_BCKP Circuit Design Change 2. Thermal Adhesives Adding 3. Shield Can Design Optimization 4. UART Circuit Design Optimization 		
Description of Change	<p>For LG69T module:</p> <ol style="list-style-type: none"> 1. Quectel will add an RC circuit to the V_BCKP pin. 2. Quectel will add thermal adhesives (model: 65-00-GEL30-0300) that can be used on the upper layer of BB (U101) and MCU (U202). 3. Quectel will change the one-piece shield can to the two-piece shield can, and the thickness of module is changed from 3.1 mm to 3.3 mm. 4. Quectel will add external capacitors based on the UART circuit 		
Reason of Change	<ol style="list-style-type: none"> 1. V_BCKP Circuit Design Change: To enhance the ESD protection capability, an RC circuit will be added to the V_BCKP pin as recommended by the chip manufacturer (ST). 2. Thermal Adhesives Adding and Shield Can Design Optimization: The above changes will be made to achieve a better thermal dissipation performance of the module. 3. UART Circuit Design Optimization: In order to optimize the waveform quality of serial port, Quectel will optimize the UART circuit design. 		
2. Products Affected			
Model	Pre-Change Ordering Code	Post-Change Ordering Code	
LG69T	LG69TAPMD	LG69TAPGMD	
Sample Release Date: Samples of Post-Change Products will be available as of <u>11/04/2022</u> (DD/MM/YYYY).			
Proposed First Shipment Date: The shipment of Post-Change Products will start on <u>05/07/2022</u> (DD/MM/YYYY) unless Quectel receives a prior notice of refusal.			
3. Customer Impact and Recommended Action			
<ol style="list-style-type: none"> 1. The thickness of the "Post-Change Product" is 3.3 mm (changed from 3.1 mm; Please pay attention to the structural interference). 2. Pin definition, function, quality and reliability remain unchanged. 3. OC has been changed from LG69TAPMD to LG69TAPGMD. Firmware version remains unchanged. 4. After the customer accepts the PCN, subsequent shipments will be switched to "Post-Change Product". 			

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.

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