

Product Change Notification

PCN No.	Quectel_PCN_2019121202	Date of Issue (DD/MM/YYYY)	12/12/2019
1. General Information			
Type of Change	Add alternative materials		
Description of Change	Add the following alternative materials for manufacturing Quectel BG96 modules: <ol style="list-style-type: none"> 1. NDK crystals (model: EXS00A-CS10637) 2. MAXSCEND LNAs (model: MXDLN16U) 3. HSC shielding covers 		
Reason of Change	Based on the increasing demand of BG96 modules on the market, the alternative materials are added so as to ensure timely delivery of the orders.		
2. Information for Affected Products and Alternative Products			
Affected Products Information		Alternative Products Information	
Model	Ordering Code	Model	Ordering Code
BG96	BG96MA-128-SGN	BG96	BG96MA-128-SGN
BG96	BG96MC-128-SGNS	BG96	BG96MC-128-SGNS
BG96	BG96MA-128-KAIFA	BG96	BG96MA-128-KAIFA
BG96	BG96MA-128-NTC	BG96	BG96MA-128-NTC
BG96	BG96MA-128-TLS	BG96	BG96MA-128-TLS
BG96	BG96MA-128-XGO	BG96	BG96MA-128-XGO
BG96	BG96MA-128-XGOA	BG96	BG96MA-128-XGOA
BG96	BG96MA-128-PWP	BG96	BG96MA-128-PWP
BG96	BG96MA-128-RC	BG96	BG96MA-128-RC
BG96	BG96MA-128-TAK	BG96	BG96MA-128-TAK
BG96	BG96MC-128-BT	BG96	BG96MC-128-BT
BG96-NA	BG96NAMA-128-STD	BG96-NA	BG96NAMA-128-STD
<p>Alternative Products Release Time: Samples for Alternative Products will be available from <u>12/12/2019</u> (DD/MM/YYYY).</p> <p>Switch Time: Alternative Products will be started shipping to customers from <u>12/01/2020</u> (DD/MM/YYYY) if no statement received.</p>			

3. Impacts of the Change	
Risk Assessment	<ol style="list-style-type: none"> 1. The ordering codes remain unchanged. 2. Quectel BG96 modules will apply Kyocera crystals (CT2016DB19200C0FLHA1) and NDK crystals (EXS00A-CS10637) synchronously after acceptance of this PCN. 3. Quectel BG96 modules will apply Airoha LNAs (AR8125) and MAXSCEND LNAs (MXDLN16U) synchronously after acceptance of this PCN. 4. Quectel BG96 modules will apply CHAOBEI and HSC shielding covers synchronously after acceptance of this PCN. 5. The alternative materials are approved to be qualified for BG96 manufacturing, and rigorous tests have been performed to make sure the Alternative Products meet all relevant quality and performance requirements.
Suggested Implementation Plan	There is no difference on product function and performance. Customers can feel secured to use the Alternative Products.
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 after the “Switch Time”, then Quectel may accept that this change has been tacitly accepted and can implement the change as indicated above.</p>	

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