Product Change Notification

PCN No.	Quectel_PCN_2021020704	Date of Issue (DD/MM/YYYY)	07/02/2021

1. General Information

Type of Change	Alternative Material Adding
Description of Change	For EC21-E(Mini PCIe) & EC25-E(Mini PCIe) & EG91-EX & EG95-EX modules: Quectel will add the PA and RF Switch(model: **RR88643-21/RR88916-81H**) produced by Radrock as alternative materials.
Reason of Change	1. For EC21-E(Mini PCIe) & EC25-E(Mini PCIe) modules: Since Skyworks cannot deliver the PA and RF Switch in a timely manner, Quectel could not meet the timely production and delivery. Therefore, Quectel will add the PA and RF Switch (model: **RR88643-21/RR88916-81H**) produced by Radrock as alternative materials, on the basis of the current PA and RF Switch (Model: **SKY77643-21/SKY77916-21**) supplied by Skyworks. 2. For EG91-EX & EG95-EX modules: In order to ensure a stable supply of EG91-EX & EG95-EX modules, Quectel will add the PA and RF Switch (model: **RR88643-21/RR88916-81H**) produced by Radrock as alternative materials, on the basis of the current PA and RF Switch (model: **VC7643-16/VC7643-16**) supplied by Vanchip.

2. Information of Affected Products and Alternative Products

Please see the last page for more information about Affected Products, Alternative Products, Sample Date and MP Date.

3. Impacts of the Change

Risk Assessment	1. Alternative Products have different ordering codes (OC). Ensure a correct OC is selected when you place orders for the Alternative Products. 2. Test the samples of Alternative Products to ensure compatibility. 3. Affected Products and Alternative Products share the same hardware design and AT commands manuals. 4. The PA and RF Switch provided by different suppliers require different drivers, therefore Alternative Products are based on new software versions; please select a software version corresponding to the OC.
Suggested Implementation Plan	Through strict and sufficient tests, Quectel confirms that the Alternative Products provide the same performance and function as the Affected Products. You can feel secure to use them.

4. Customer Acknowledgement of Receipt

Please acknowledge receipt of this change notification by replying to info_PCN@quectel.com

Model	Affected Products		Alternative Products				Notes
	OC	Software Version	OC	Software Version	Sample Date	MP Date	
EC25-E	EC25EFA-512-STD EC25EFA-MINIPCIE	EC25EFAR02A05M4G EC25EFAR02A06M4G EC25EFAR02A07M4G EC25EFAR02A08M4G EC25EFAR02A09M4G EC25EFAR02A10M4G EC25EFAR02A11M4G EC25EFAR06A01M4G EC25EFAR06A02M4G EC25EFAR06A03M4G EC25EFAR06A04M4G_01.004.01.004 EC25EFAR06A05M4G_01.005.01.005 EC25EFAR06A06M4G_01.006.01.006 EC25EFAR06A07M4G_01.007.01.007 EC25EFAR06A08M4G_01.007.01.007 EC25EFAR06A09M4G_01.001.01.001 EC25EFAR06A10M4G_01.001.01.001 EC25EFAR06A11M4G_01.001.01.001	EC25EFK-512-STD EC25EFK-MINIPCIE	EC25EFAR06A12M4G_20.002.20.002	2021/2/9	2021/3/15	
EC21-E	EC21EFA-512-STD EC21EFA-MINIPCIE	EC21EFAR02A03M4G EC21EFAR02A04M4G EC21EFAR02A05M4G EC21EFAR02A06M4G EC21EFAR02A07M4G EC21EFAR02A08M4G EC21EFAR02A09M4G EC21EFAR06A01M4G EC21EFAR06A02M4G_01.002.01.002 EC21EFAR06A03M4G_01.003.01.003 EC21EFAR06A04M4G_01.004.01.004 EC21EFAR06A05M4G_01.001.01.001	EC21EFK-512-STD EC21EFK-MINIPCIE	EC21EFAR06A06M4G_20.001.20.001	2021/3/10	2021/3/31	
EG95-EX	EG95EXGA-128-SGNS	EG95EXGAR10A03M1G_01.003.01.003 EG95EXGAR08A02M1G_01.001.01.001	EG95EXGK-128-SGNS	EG95EXGAR08A03M1G_20.001.20.001	2021/3/15	2021/4/8	
EG91-EX	EG91EXGA-128-SGNS	EG91EXGAR10A01M1G_PAN_01.001.01.001 EG91EXGAR10A03M1G_01.003.01.003 EG91EXGAR08A04M1G_01.001.01.001 EG91EXGAR08A03M1G_01.003.01.003	EG91EXGK-128-SGNS	EG91EXGAR08A06M1G_20.001.20.001	2021/3/5	2021/3/26	