



Process/Product Change Notification Form

Doc no: PCN-52
QF-2 Rev A03

Notice Date:	Nov 30, 2021
Title:	Adding QPL as lead frame supplier for additional capacity for QFN products at Carsem, Malaysia
Effective Date:	Jan 15, 2022

Type of Change:	<input type="checkbox"/> Product	<input type="checkbox"/> Process/Material	<input type="checkbox"/> Other: Adding LF supplier for additional products
Level of Change	<input type="checkbox"/> Major	<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Information Only

Products Affected: SiTime's products in QFN package assembled at Carsem, Malaysia (Refer to Table-1)

Reason for Change: To increase QFN product output by adding qualified leadframe supplier to additional products.

Description of Change: SiTime is in process of qualifying QPL as leadframe supplier for QFN products at Carsem, Malaysia. As customer demand for SiTime's QFN unit shipments has increased drastically, it is necessary to add QPL as additional leadframe supplier for additional products for QFN packages at Carsem, Malaysia. QPL leadframe is already qualified for SiT8002 product.

Qualification report and SGS reports will be available by Jan 10, 2022, for QPL leadframe.

As with our current leadframe supplier, all QFN products assembled in Carsem, Malaysia using QPL leadframe are MSL 1 (260 ° C peaks reflow) compliant and meet the industry/regulatory product environmental requirements (e.g., RoHS/Green/REACH/PFOS/CMRT). QFN package built with QPL leadframe is form, fit, function, quality and reliability compatible with QFN products built with existing leadframe. Furthermore, there is no change in POD (product out-line dimensions) and electrical performance of package built with QPL leadframe.

Upon effective date of this notification, SiTime will ship units assembled with QPL leadframe as needed, to meet increasing demand for our products.

Table-1

SiT1602
SiT1618



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	SiT8008	
	SiT8009	
	SiT8918	
	SiT8919	
	SiT8920	
	SiT8924	
	SiT8925	
	SiT8944	

Contact: Dash Patel
Title: Principal Quality and Reliability Engineer
E-mail: dpatel@sitime.com

Customer Acknowledgement:
SiTime records indicate that you require notification of this change. For Major and Minor changes, please use the acknowledgement line at the end of this PCN or e-mail to approve or request additional information. If SiTime does not receive any response within 30 days of this notice, it will be considered as acceptance of this change.

Effect of Change: None Description below (ea. Product Quality, Performance, Reliability)

Document/s Attached: No Yes

Quality Assurance: _____

Acknowledgement of Receipt: _____

Date: _____

Customer Representative

Customer's Company: _____

Change Level Description: (as per JESD46):
Major Change: Process/Product change affecting form, fit, function, quality and reliability of the product. Customer acknowledgement is requested.



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Minor Change: Process/Product change not affecting form, fit, function, quality, and reliability of the product. Customer acknowledgement is requested.

Information Only: Customer response is not required. Change effectiveness may be immediate.