


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	ANALOG MEMS SENSORS/24/15058	
<b>1.3 Title of PCI</b>	VCSEL change in EwokMZ	
<b>1.4 Product Category</b>	VL53L5 module	
<b>1.5 Issue date</b>	2024-11-13	

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	PIKE EMMA
<b>2.1.2 Phone</b>	+44 1628896111
<b>2.1.3 Email</b>	emma.pike@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	David MAUCOTEL
<b>2.1.2 Marketing Manager</b>	David MAUCOTEL
<b>2.1.3 Quality Manager</b>	Christophe DUMAS

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	Direct Materials (Others): Alternate Source Supplier (Qualified)	SH1A---ST SHENZHEN -CHINA

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Orion VCSEL in EwokMZ	VCSEL Vertilite 8e in EwokMZ
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No changes	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	The original VCSEL (Orion) supplier stopped producing Need to replace by new vcsel from Vertilite 8e VCSEL .
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	can be traced by STS mfg date
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2024-11-06
<b>7.2 Intended start of delivery</b>	2024-12-13
<b>7.3 Qualification sample available?</b>	Not Applicable

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

15058 Public product.pdf  
15058 PCI - VL53L5 - New VCSEL - 2024 Nov 5.docx

10. Affected parts		
10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	VL53L5CXV0GC/1	

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