



Final Product/Process Change Notification  
 Document #: FPCN23637X  
 Issue Date: 27 Aug 2021

<b>Title of Change:</b>	SPM32 1.3mil golden wire conversion to 1.2mil copper wire.
<b>Proposed First Ship date:</b>	04 Dec 2021 or earlier if approved by customer
<b>Contact Information:</b>	Contact your local onsemi Sales Office or <a href="mailto:Daisy.Zhi@onsemi.com">Daisy.Zhi@onsemi.com</a>
<b>PCN Samples Contact:</b>	Contact your local onsemi Sales Office or < <a href="mailto:PCN.samples@onsemi.com">PCN.samples@onsemi.com</a> >. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
<b>Additional Reliability Data:</b>	Contact your local onsemi Sales Office or <a href="mailto:Kunchen.Ge@onsemi.com">Kunchen.Ge@onsemi.com</a>
<b>Type of Notification:</b>	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a>
<b>Marking of Parts/ Traceability of Change:</b>	Marking no change and traceability follow date code
<b>Change Category:</b>	Assembly Change
<b>Change Sub-Category(s):</b>	Material Change

**Sites Affected:**

onsemi Sites	External Foundry/Subcon Sites
onsemi Suzhou, China	None

**Description and Purpose:**

This final notification announces the change in Bond Wire from SPM32 1.3mil gold wire conversion to 1.2mil copper wire:

	Before Change Description	After Change Description
Bond Wire	1.3mil gold wire	1.2mil copper wire

There is no product marking change as a result of this change.

**Reliability Data Summary:**

QV DEVICE NAME : FSAM75SM60A  
 RMS: U77234  
 PACKAGE: SPM2V

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= <u>125</u> C	<u>1008</u> hrs	0/ <u>20</u>
TC	JESD22-A104	Ta= - <u>40</u> °C to + <u>125</u> °C	<u>1000</u> cyc	0/ <u>30</u>
H3TRB	JESD22-A101	85°C, 85% RH, 18.8psig, bias=100V	<u>2016</u> hrs	0/ <u>20</u>
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	<u>96</u> hrs	0/ <u>20</u>
RSH	JESD22- B106	Ta = 265C, 10 sec		0/ <u>10</u>

**Electrical Characteristics Summary:**

Electrical characteristics are not impacted.



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### List of Affected Parts:

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [\*\*PCN Customized Portal\*\*](#).

Part Number	Qualification Vehicle
FPAM30LH60	FSAM75SM60A
FPAM50LH60	FSAM75SM60A
FPAM50LH60G	FSAM75SM60A

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**Appendix A: Changed Products**

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FPAM30LH60		FSAM75SM60A		