



## Escalated Inspection Report

**Procedure:**

Testing was performed to attempt to verify the authenticity or the parts/manufacture. If a standard is noted below, the testing performed by Stock-Point Electronics conforms to industry and/or military standard. Standards are available in for inspection upon request. Testing is compliant with ISO 9001:2008 quality management system. This report is confidential and is intended for use by the customer listed below and may not be reproduced (in any form) without the written consent of Stock-Point Electronics, Inc.

Customer: XXXXX	SO#: 303998	PO#: xxxxx	Report Date: <b>November 24, 2014</b>
Internal Part #: XXXXXXXX	Quantity: 7	SPE Tech: E. Morimoto – QA Manager	
Pin / Package Type: <b>40-lead TSOP (10mm x 20mm), 28F008SA, 8Mbit (1 Mbit x 8) Flash Memory</b>			
Manufacturer: <b>Intel</b>	Mfg. Part #: <b>E28F008SA -85</b>	LC: <b>A3367536W</b>	DC: <b>0336</b>
Same parts shipped on SO:303855, EIR-10292014-1036 SO:301999, EIR07232014-882			

**Device Description:**

Device:	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• <b>High-Density Symmetrically-Blocked Architecture</b> <ul style="list-style-type: none"> <li>- Sixteen 64-Kbyte Blocks</li> </ul> </li> <li>• <b>Extended Cycling Capability</b> <ul style="list-style-type: none"> <li>- 100,000 Block Erase Cycles</li> <li>- 1.6 Million Block Erase Cycles per Chip</li> </ul> </li> <li>• <b>Automated Byte Write and Block Erase</b> <ul style="list-style-type: none"> <li>- Command User Interface</li> <li>- Status Register</li> </ul> </li> <li>• <b>System Performance Enhancements</b> <ul style="list-style-type: none"> <li>- RY/BY# Status Output</li> <li>- Erase Suspend Capability</li> </ul> </li> <li>• <b>Deep Power-Down Mode</b> <ul style="list-style-type: none"> <li>- 0.20 µA Icc Typical</li> </ul> </li> <li>• <b>Very High-Performance Read</b> <ul style="list-style-type: none"> <li>- 85 ns Maximum Access Time</li> </ul> </li> <li>• <b>SRAM-Compatible Write Interface</b></li> <li>• <b>Hardware Data Protection Feature</b> <ul style="list-style-type: none"> <li>- Erase/Write Lockout during Power Transitions</li> </ul> </li> <li>• <b>Industry Standard Packaging</b> <ul style="list-style-type: none"> <li>- 40-Lead TSOP, 44-Lead PSOP</li> </ul> </li> <li>• <b>ETOX III Nonvolatile Flash Technology</b> <ul style="list-style-type: none"> <li>- 12V Byte Write/Block Erase</li> </ul> </li> </ul>
Data Sheet Source:	<a href="http://www.datasheetarchive.com/XPC106A-datasheet.htm">http:// www.datasheetarchive.com/XPC106A-datasheet.htm</a> <a href="http://www.compute.amazonaws.com/XPC106-datasheet.html">http://www.compute.amazonaws.com/XPC106-datasheet.html</a>

**Dimensions:**

Observation:	Dimensions match those listed on data sheet.
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### Test(s) Performed:

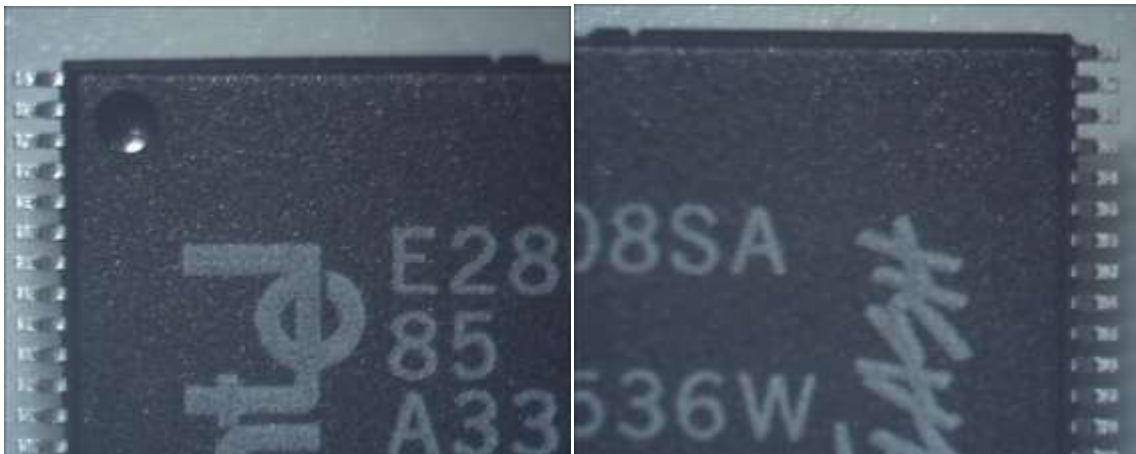
Management Info:	Standard:	Samples:	Qty Pass:	Qty Fail:	Analysis:	Notes:
X Visual	MIL-Std-883J, method 2009.11 , IDEA -1005-D	7	7	-	Passed	
Heated Chemical	Based on guidelines from MIL- Std-883J, method 2015.14 and industry methods.	-	-	-	N/A	
X X-Ray	MIL-Std-883J, method 2012.9	7	7	-	Passed	
X Decapsulation	MIL-Std-883J, method 2013.1	1	1	-	Passed	
X Microscopy	MIL-Std-883J, method 2013.1	1	1	-	Passed	

### External Visual Inspection:

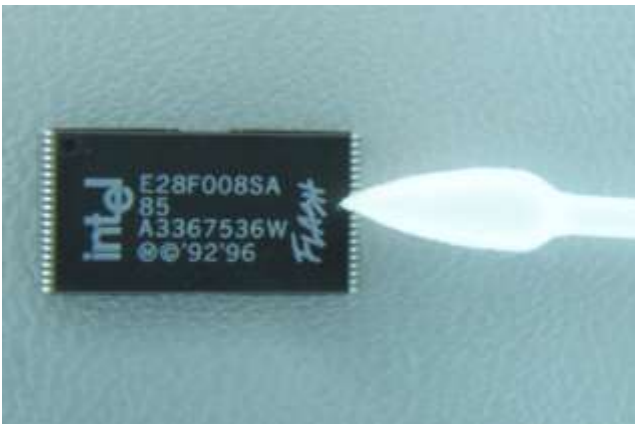
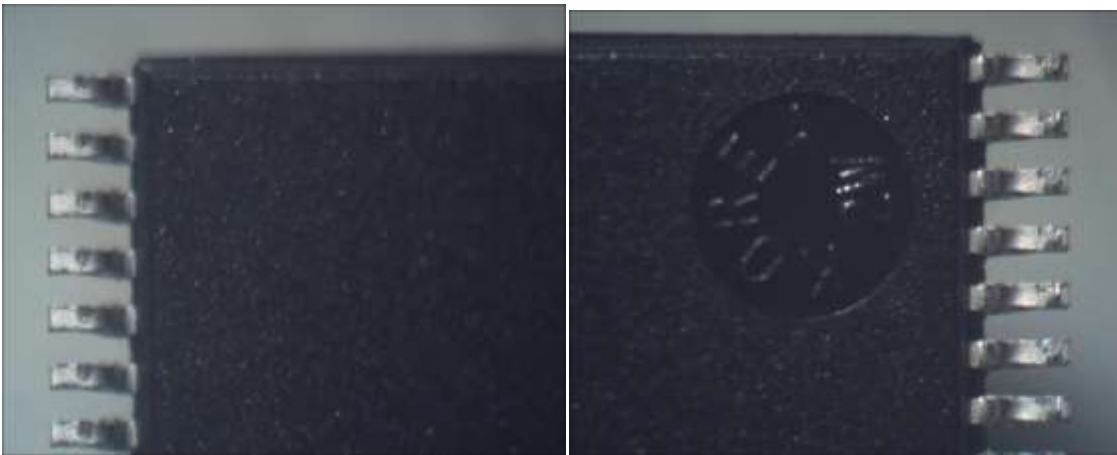
Observation:	External Visual inspection on (7 pcs) samples: No signs of blacktopping, sanding or resurfacing. Part passed Solvent A, Mark Permanency testing and acetone testing.
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## Escalated Inspection Report



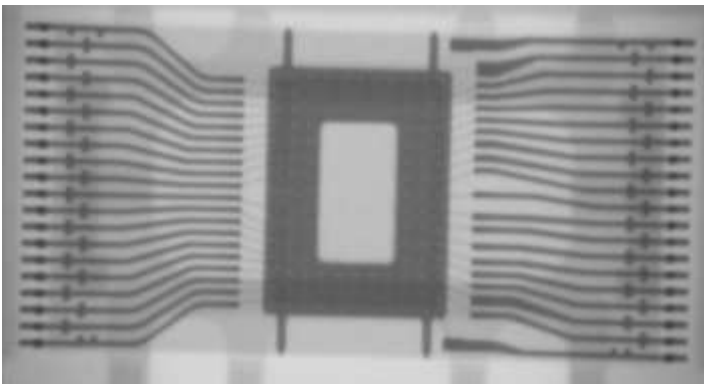
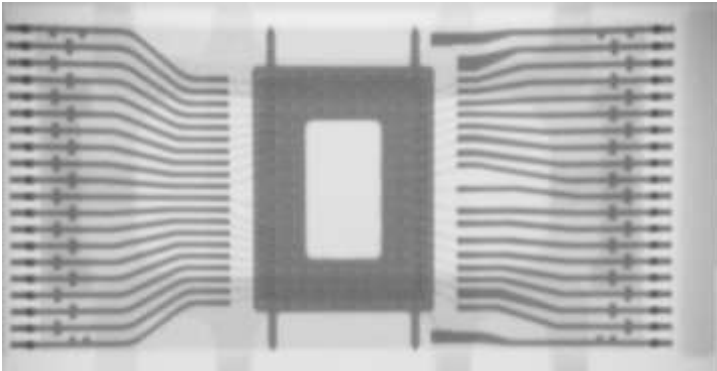
## Escalated Inspection Report



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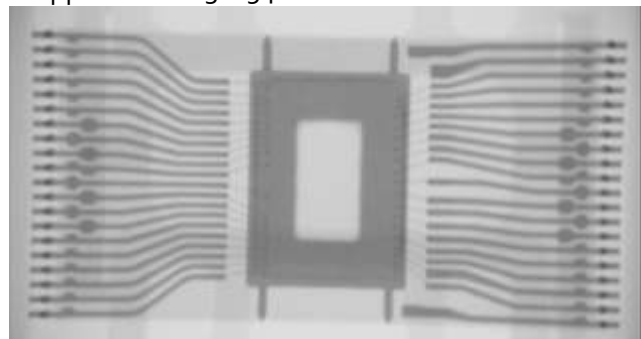
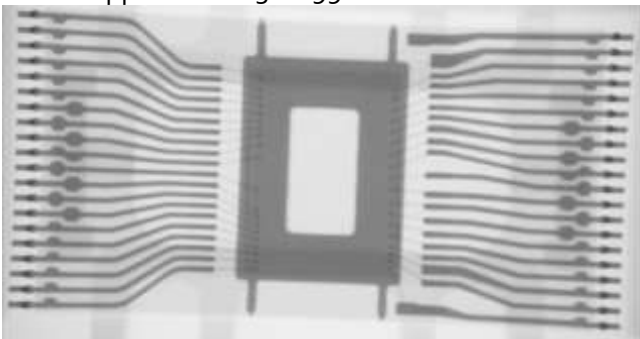
### X-Ray Inspection:

Observation:	X-Ray inspection: (7 pcs.) were consistent in lead and wire bond configuration among all parts and previously shipped parts.
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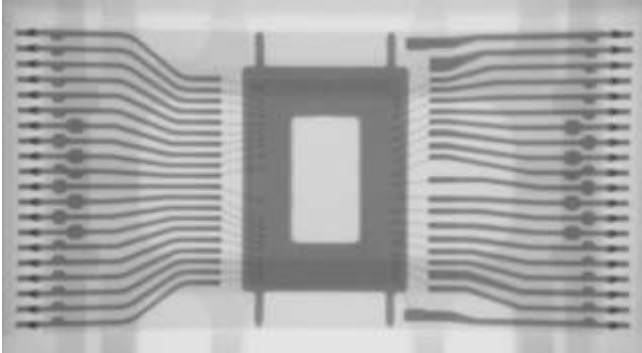
Parts shipped on SO:301899

Shipped on SO: 301541

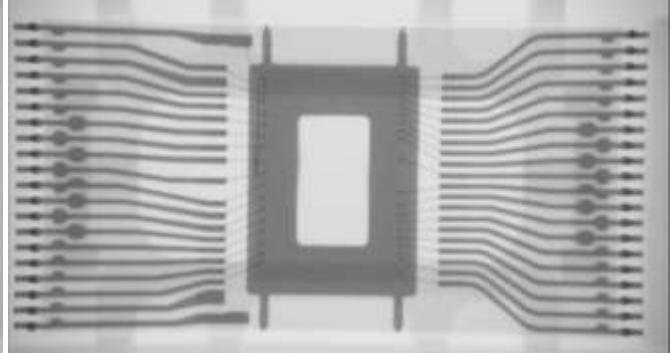


## Escalated Inspection Report

Shipped on SO:301282



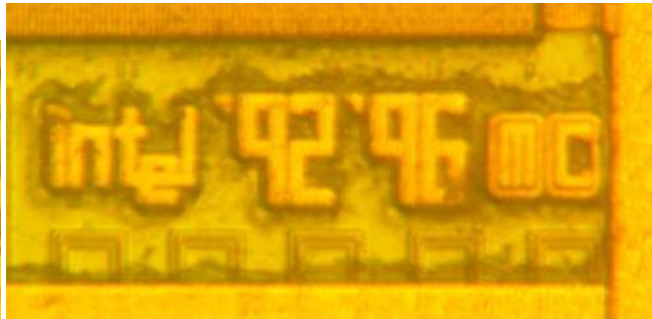
Shipped on SO:300131



### Internal Visual Inspection (post de-capsulation):

Observation:	Decapsulation shows part number, Mfg logo, copyright dates, MMC and Copyright symbols. Matches parts shipped on SO: 301899, 07092014-873, SO:301131, EIR-12132013-615, SO:15407, EIR-SPE12172012-067 (different LDCs.)
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Parts shipped on SO:301999.

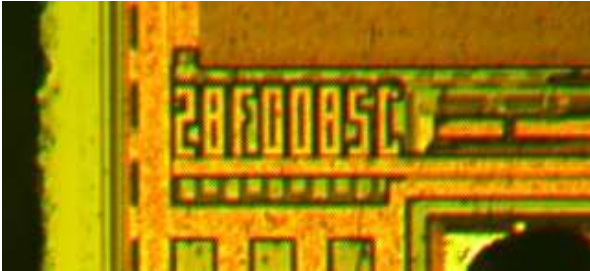


Shipped on SO:301282.



## Escalated Inspection Report

Parts shipped on SO: 301131.



Decap of parts shipped on SO:15407.



**Decapsulation sample, original inspection photos and X-rays retained on file and available upon request.**

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