Semtech Reel/Inner Label

### Before (Old)

![Before Label Image]

### After (NEW)

![After Label Image]

**UPDATE:**
- a. "(6P)FACTORY FLOW" and its barcode added.
- b. "JOB NUMBER" change to "BATCH NUMBER".
- c. Data identifier(10D) added in DATA CODE.
- d. RoHS sign added.
- e. 2D barcode added, its data format:
  
  ```
  1T+Batch Number+"P"+MFG P/N+"S"+Lot Number+Q+Quantity+"6P"+Factory Flow+"10D"+Date Code
  ```

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**Description, Purpose and Effect of Change:**

In order to facilitate inventory tracking for our distributors and customers, we are updating our Box and Reel labels to add a "Factory Flow" line [a. *in the diagram below*] that will include the standard Semtech TVS part number with a suffix added. The suffix is a ".Px" where x is a number, i.e. .P1, .P2, .P3 etc. This field will allow for identification of the factories used in the manufacturing of that particular lot.

For the benefit of our customers, we provide dual sourcing of our parts to insure a stable supply. Therefore, we have multiple qualified wafer fabrication sites, assembly sites, and test sites. Customers may not complete their qualification of each of these sites at the same time for the same part number. This additional tracking information is being added to ensure our Distributors and customers receive devices from appropriately qualified sites.

Semtech is taking this opportunity to include minor updates to the label fields as outlined in line with ANSI MH10.8.2-2013.
PRODUCT CHANGE NOTIFICATION
PCN-000555
Date: 28JUN2019

Semtech Outer Carton Label

Before (Old) | After (NEW)
---|---

**UPDATE:**

- a. "(6P) FACTORY FLOW" and its barcode added.
- b. Barcode Data Identifier for Invoice "I" changed to "2S".
- c. Barcode Data Identifier for MFG Part No "Z" changed to "1P".
- d. Barcode Data Identifier for CARTON COUNT "C" changed to "3S". The barcode data format: "3S"+Invoice Number+"K" + Carton Number.
- f. 2D barcode added. The barcode data format: "2S"+Invoice#+"K"+Purchase Order+"P"+Customer Part No+"1P"+MFG Part No+"6P"+Factory Flow+"Q"+Quantity+"3S"+Carton Count+"4L"+COO
- g. RoHS sign added.

Proposed time line:

<table>
<thead>
<tr>
<th>Label Change Timeline Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Present</td>
</tr>
<tr>
<td>Reel label</td>
</tr>
<tr>
<td>Inner label</td>
</tr>
<tr>
<td>Outer label</td>
</tr>
</tbody>
</table>
## PRODUCT CHANGE NOTIFICATION

**PCN-000555**  
**Date:** 28JUN2019

<table>
<thead>
<tr>
<th>Change Classification</th>
<th>Major</th>
<th>Minor</th>
<th>Impact to Form, Fit, Function</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact to Data Sheet</td>
<td>Yes</td>
<td>No</td>
<td>New Revision or Date</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Impact to Performance, Characteristics or Reliability:**
- NO impact to data sheet content or package dimensions
- NO impact to performance, characteristics; or reliability

<table>
<thead>
<tr>
<th>Implementation Date</th>
<th>1OCT2019</th>
<th>Work Week</th>
<th>Predicated upon receipt of customer approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Time Ship (LTS)</td>
<td>N/A</td>
<td>Affecting Lot No. / Serial No. (SN)</td>
<td>N/A</td>
</tr>
<tr>
<td>Of unchanged product</td>
<td></td>
<td>Additional Capacity</td>
<td></td>
</tr>
<tr>
<td>Sample Availability</td>
<td>Immediate</td>
<td>Qualification Report Availability</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Supporting Documents for Change Validation/Attachments:**

**Issuing Authority**

**Semtech Business Unit:** Protection  
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FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: [http://www.semtech.com/contact/index.html#support](http://www.semtech.com/contact/index.html#support)