**PRODUCT CHANGE NOTICE (PCN)**

**PART NUMBER(S):**

**REFER TO ATTACHMENT A**

**DATE: 12/16/08**

**PCN No.: 08-1201-01**

**PART DESCRIPTION:**

- **SP6125 /SP6126 /SP6127:** High Voltage Step Down Controller in TSOT 6
- **SP6330:** Quad Micropower Supervisory Circuits With Manual Reset and Watchdog
- **SP6336:** Triple Micropower Supervisory Circuit With Watchdog and Power Fail
- **SP6339:** Triple Micropower Supervisory Circuit With Manual Reset and Watchdog

**LEVEL OF CHANGE:**

- [X] Level I, Customer Approval.
- [ ] Level II, Customer Information.

**PRODUCT ATTRIBUTE AFFECTED:**

- [X] Material Change
- [ ] Data Sheet Change
- [ ] Design Change
- [ ] Package Change
- [ ] Process Change
- [ ] Packing / Shipping
- [ ] Other, Explain:

**DESCRIPTION OF THE PROPOSED CHANGE:**

1. **Lead-frame Plating Finish**
   - a. Internal leads with silver plating (for die attach, wire bond) and external leads with 100% tin (for soldering to motherboard) will be changed to PPF (pre-plated frame) with nickel/palladium/gold flash throughout the entire surface of lead-frame.
   
   b. Plating thickness as follows:
      
      | Metal   | Thickness |
      |---------|-----------|
      | Gold/Palladium | 0.10 – 0.60 micro inches |
      | Palladium       | 0.2 - 1.0 micro inches   |
      | Nickel         | 10 - 50 micro inches     |

2. **Mold Compound**
   - a. From non green Nitto MP8000CSM1 to green, Hitachi CEL8240HF10LXC.

**REASON FOR CHANGE:**

To enhance the assembly process and to promote the green environment.

**DATE OF SAMPLES AVAILABLE:**

May 2009

**DATE OF QUALIFICATION COMPLETED:**

June 2009
## PRODUCT CHANGE NOTICE

<table>
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<tr>
<th>ESTIMATED CHANGE DATE OR DATE CODE:</th>
<th>SUPPORTING DATA:</th>
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<td>7/1/09</td>
<td>Qualification Reports</td>
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| [X] STANDARD DISTRIBUTION | [ ] CUSTOM DISTRIBUTION |

**PERSON TO CONTACT WITH QUESTIONS:**

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Tel: (514) 429-1010 ext 210  
Fax: (514) 695-2548

Please acknowledge receipt of this PCN.

**Acknowledged:**

________________________________________
Signature

________________________________________
Printed Name

________________________________________
Company

________________________________________
Title

________________________________________
Date

Approved ☐  Not Approved ☐  
(Approved/Not Approved section not applicable and should be removed for all Level II PCNs)

**Comments:** ____________________________________________________________

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**PROPRIETARY INFORMATION**

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ATTACHMENT A

PART NUMBERS
(PCN #08-1201-01)

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