

<b>PCN Number:</b>	20130723001		<b>PCN Date:</b>	07/25/2013	
<b>Title:</b>	ISO7131CC/41CC Data Sheet				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214) 480-6037	<b>Dept:</b>	Quality Services
<b>Change Type:</b>					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Assembly Materials
<input type="checkbox"/>	Design	<input checked="" type="checkbox"/>	Electrical Specification	<input type="checkbox"/>	Mechanical Specification
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials	<input type="checkbox"/>	Wafer Fab Process

### PCN Details

#### Description of Change:

The product datasheet(s) is being updated to change the following:

- In ABSOLUTE MAXIMUM RATINGS table:
  - (a) Changed the Input Voltage value for INx and ENx pins from '-0.5V to V<sub>CC</sub>+0.5V' to '-0.5 to 6V'.
  - (b) Deleted Electrostatic Discharge Machine Model specification.
- In SWITCHING CHARACTERISTICS tables, eliminated MIN and MAX specification for Input Glitch Rejection Time (t<sub>GR</sub>). TYP specification is retained.
- Updated Safety Certification Approval Status
- Cosmetic and Editorial Improvements

The following change history provides further details. These changes may be reviewed at the datasheet links provided.

**ISO7131CC, ISO7140CC, ISO7140FCC  
ISO7141CC, ISO7141FCC**



SLLSE83C – APRIL 2013 – REVISED JULY 2013

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#### Changes from Revision B (June 2013) to Revision C

Page

• Changed Feature From: ISO7140: TBD at 1 Mbps, TBD at 25 Mbps To: ISO7140: 1 mA at 1 Mbps, 2.3 mA at 25 Mbps .....	1
• Changed the SAFETY and REGULATORY APPROVALS .....	1
• Added text to the Description: "All inputs are 5V tolerant when supplied from a 2.7V or 3.3V supply." .....	1
• Deleted the Product Status table .....	1
• Changed the AVAILABLE OPTIONS table .....	2
• Changed the ABSOLUTE MAXIMUM RATINGS table .....	3
• Changed the SWITCHING CHARACTERISTICS table, Input glitch rejection time. ....	4
• Changed ISO7140 in the SUPPLY CURRENT table From: TBD To: values .....	5
• Changed the SWITCHING CHARACTERISTICS table, Input glitch rejection time. ....	6
• Changed ISO7140 in the SUPPLY CURRENT table From: TBD To: values .....	7
• Changed the SWITCHING CHARACTERISTICS table, Input glitch rejection time. ....	8
• Changed ISO7140 in the SUPPLY CURRENT table From: TBD To: values .....	9
• Changed Figure 9 X-axis scale .....	16

Device Family	Change From:	Change To:
ISO7131CC/41CC	SLLSE83B	<b>SLLSE83C</b>

The updated datasheet(s) can be accessed by the following link(s):

<http://www.ti.com/product/iso7131cc>

**Reason for Change:**

To more accurately reflect device characteristics

**Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):**

Electrical specification performance changes as indicated above.

**Changes to product identification resulting from this PCN:**

None

**Product Affected:**

ISO7131CCDBQ	ISO7131CCDBQR	ISO7141CCDBQ	ISO7141CCDBQR
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For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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