



## Product/Process Change Notice - PCN 25\_0065 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

**Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.**

<b>PCN Title:</b>	Update Data Sheet Regulatory Information for Select Isolated CAN, I2C, SPI, USB and RS-485 Products
<b>Publication Date:</b>	08-Oct-2025
<b>Effectivity Date:</b>	08-Oct-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release.

### Description Of Change:

Update Data Sheet Information to align with Regulatory Information and/or Insulation and Safety-Related Specifications.

### Reason For Change:

Correct Data Sheet Information regarding Regulatory Information and/or Insulation and Safety-Related Specifications.

### Impact of the change (positive or negative) on fit, form, function & reliability:

No change in fit, form, function and reliability; these updates align data sheets with Agency Certificates.

### Summary of Supporting Information:

See attached in the Supporting Documents section of this PCN for descriptions of compliance corrections.

### Supporting Documents:

**Attachment 1: Type:** Datasheet Specification Comparison

ADI\_PCN\_25\_0065\_Rev\_-\_Data Sheet Updates - Isolated CAN, I2C, SPI, USB and RS-485 Products.pdf

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
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## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (40)

ADM2461E / ADM2461EBRWZ	ADM2461E / ADM2461EBRWZ-RL7	ADM2463E / ADM2463EBRWZ	ADM2463E / ADM2463EBRWZ-RL7	ADM2582E / ADM2582EBRWZ
ADM2582E / ADM2582EBRWZ-REEL7	ADM2587E / ADM2587EBRWZ	ADM2587E / ADM2587EBRWZ-REEL7	ADM2761E / ADM2761EBRWZ	ADM2761E / ADM2761EBRWZ-RL7
ADM2763E / ADM2763EBRWZ	ADM2763E / ADM2763EBRWZ-RL7	ADM3053 / ADM3053BRWZ	ADM3053 / ADM3053BRWZ-REEL7	ADM3054 / ADM3054BRWZ
ADM3054 / ADM3054BRWZ-RL7	ADUM2250 / ADUM2250ARWZ	ADUM2250 / ADUM2250ARWZ-RL	ADUM2250 / ADUM2250WARWZ	ADUM2250 / ADUM2250WARWZ-RL
ADUM2251 / ADUM2251ARWZ	ADUM2251 / ADUM2251ARWZ-RL	ADUM2251 / ADUM2251WARWZ	ADUM2251 / ADUM2251WARWZ-RL	ADUM3160 / ADUM3160BRWZ
ADUM3160 / ADUM3160BRWZ-RL	ADUM4151 / ADUM4151ARIZ	ADUM4151 / ADUM4151ARIZ-RL	ADUM4151 / ADUM4151BRIZ	ADUM4151 / ADUM4151BRIZ-RL
ADUM4152 / ADUM4152ARIZ	ADUM4152 / ADUM4152ARIZ-RL	ADUM4152 / ADUM4152BRIZ	ADUM4152 / ADUM4152BRIZ-RL	ADUM4153 / ADUM4153ARIZ
ADUM4153 / ADUM4153ARIZ-RL	ADUM4153 / ADUM4153BRIZ	ADUM4153 / ADUM4153BRIZ-RL	ADUM4160 / ADUM4160BRWZ	ADUM4160 / ADUM4160BRWZ-RL

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-Oct-2025	08-Oct-2025	Initial Release.



## Analog Devices, Inc. PCN Material Report (Proprietary Information)

Existing Material		Material Added		Material Removed	
GENERICNUMBER	MATERIALNUMBER	GENERICNUMBER	MATERIALNUMBER	GENERICNUMBER	MATERIALNUMBER
		ADM2461E	ADM2461EBRWZ		
		ADM2461E	ADM2461EBRWZ-RL7		
		ADM2463E	ADM2463EBRWZ		
		ADM2463E	ADM2463EBRWZ-RL7		
		ADM2582E	ADM2582EBRWZ		
		ADM2582E	ADM2582EBRWZ-REEL7		
		ADM2587E	ADM2587EBRWZ		
		ADM2587E	ADM2587EBRWZ-REEL7		
		ADM2761E	ADM2761EBRWZ		
		ADM2761E	ADM2761EBRWZ-RL7		
		ADM2763E	ADM2763EBRWZ		
		ADM2763E	ADM2763EBRWZ-RL7		
		ADM3053	ADM3053BRWZ		
		ADM3053	ADM3053BRWZ-REEL7		
		ADM3054	ADM3054BRWZ		
		ADM3054	ADM3054BRWZ-RL7		
		ADUM2250	ADUM2250ARWZ		
		ADUM2250	ADUM2250ARWZ-RL		
		ADUM2250	ADUM2250WARWZ		
		ADUM2250	ADUM2250WARWZ-RL		
		ADUM2251	ADUM2251ARWZ		
		ADUM2251	ADUM2251ARWZ-RL		
		ADUM2251	ADUM2251WARWZ		
		ADUM2251	ADUM2251WARWZ-RL		
		ADUM3160	ADUM3160BRWZ		
		ADUM3160	ADUM3160BRWZ-RL		
		ADUM4151	ADUM4151ARIZ		
		ADUM4151	ADUM4151ARIZ-RL		
		ADUM4151	ADUM4151BRIZ		
		ADUM4151	ADUM4151BRIZ-RL		
		ADUM4152	ADUM4152ARIZ		
		ADUM4152	ADUM4152ARIZ-RL		
		ADUM4152	ADUM4152BRIZ		
		ADUM4152	ADUM4152BRIZ-RL		
		ADUM4153	ADUM4153ARIZ		
		ADUM4153	ADUM4153ARIZ-RL		
		ADUM4153	ADUM4153BRIZ		
		ADUM4153	ADUM4153BRIZ-RL		
		ADUM4160	ADUM4160BRWZ		
		ADUM4160	ADUM4160BRWZ-RL		



# Update Data Sheet Regulatory Information for Select Isolated CAN, I2C, SPI, USB and RS-485 Products

## ADM3053 - Isolated CAN Transceiver with Integrated Isolated DC-to-DC Converter

Change Description	Changed From:	Changed To:
<b>Insulation and Safety-Related</b> Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in <b>Table 4</b> with the agency certified measurement.	Creepage: 7.6 Clearance: 7.7  Datasheet Rev. E	Creepage: 6.4 Clearance: 6.4  Datasheet Rev. F

## ADM3054 - 5 kV rms Signal Isolated High Speed CAN Transceiver with Bus Protection

Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in <b>Table 4</b> with the agency certified measurement.	Clearance 8.0  Datasheet Rev. D	Clearance 7.8  Datasheet Rev. E

## ADuM2250/ADuM2251 - Hot Swappable, Dual I<sup>2</sup>C Isolators, 5 kV

Change Description	Changed From:	Changed To:
<p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Air Gap (Clearance) in <b>Table 5</b> (RW-16) with the agency certified measurement.</p>	<p>RW-16 Clearance 8.0  Datasheet Rev. D</p>	<p>RW-16 Clearance 7.8  Datasheet Rev. E</p>

## ADM2461E/ADM2463E - 500 kbps, 5.7 kV RMS, Signal Isolated RS-485 Transceiver with $\pm 15$ kV IEC ESD

Change Description	Changed From:	Changed To:
<p><b>Regulatory Information</b> section updated to correctly align the following ratings to agency issued certified ratings:</p> <p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified DTI Minimum Internal Gap (Internal Clearance) in <b>Table 5</b> with the agency certified measurement.</p> <p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Air Gap (Clearance) &amp; Minimum External Tracking (Creepage) in <b>Table 5</b> with the agency certified measurement.</p>	<p>DTI (Internal Clearance): 43<math>\mu</math>m</p> <p>Creepage: 8.3</p> <p>Clearance: 8.3</p> <p>Datasheet Rev. 0</p>	<p>DTI (Internal Clearance): 42<math>\mu</math>m</p> <p>Creepage: 8.2</p> <p>Clearance: 8.2</p> <p>Datasheet Rev. A</p>

## ADM2582E/ADM2587E - Signal and Power Isolated RS-485 Transceiver with $\pm 15$ kV ESD Protection

Change Description	Changed From:	Changed To:
<p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Tracking (Creepage) in <b>Table 6</b> with the agency certified measurement.</p>	<p>Creepage: 7.6  Datasheet Rev. G</p>	<p>Creepage: 7.5  Datasheet Rev. H</p>

## ADM2761E/ADM2763E - 5.7 kV RMS Isolated, High Working Voltage, RS-485 Transceiver with ±15 kV IEC ESD

Change Description	Changed From:	Changed To:
<p><b>Regulatory Information</b> section updated to correctly align the following ratings to agency issued certified ratings:</p> <p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified DTI Minimum Internal Gap (Internal Clearance) in <b>Table 4</b> with the agency certified measurement.</p> <p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Air Gap (Clearance) &amp; Minimum External Tracking (Creepage) in <b>Table 4</b> with the agency certified measurement.</p>	<p>DTI (Internal Clearance): 0.043mm</p> <p>Creepage: 8.3</p> <p>Clearance: 8.3</p> <p>Datasheet Rev. 0</p>	<p>DTI (Internal Clearance): 42µm</p> <p>Creepage: 8.2</p> <p>Clearance: 8.2</p> <p>Datasheet Rev. A</p>

## ADuM4151/ADuM4152/ADuM4153 - 5 kV, 7-Channel, SPIsolator Digital Isolators for SPI

Change Description	Changed From:	Changed To:
<p><b>Regulatory Information</b> section updated to correctly align the following ratings to agency issued certified ratings:</p>	<p><b>VDE/VDE 0884-10</b>  <math>V_{IORM}</math> 849 Vpeak</p>	<p><b>VDE/VDE 0884-17</b>  <math>V_{IORM}</math> 645 Vpeak</p>
<p><b>VDE/VDE 0884-17</b> <math>V_{IORM}</math> reinforced rating specified in <b>Table 16</b>.</p>	<p>Datasheet Rev. C</p>	<p>Datasheet Rev. D</p>

## ADuM3160 - Full/Low Speed 2.5 kV USB Digital Isolator

Change Description	Changed From:	Changed To:
<b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Air Gap (Clearance) in <b>Table 4</b> with the agency certified measurement.	Clearance 8.0  Datasheet Rev. C	Clearance 7.8  Datasheet Rev. D

## ADuM4160 - Full/Low Speed 2.5 kV USB Digital Isolator

Change Description	Changed From:	Changed To:
<p><b>Insulation and Safety-Related Specifications</b> section updated to correctly align the specified Minimum External Air Gap (Clearance) in <b>Table 4 (RW-16)</b> with the agency certified measurement.</p>	<p>RW-16 Clearance 8.0  Datasheet Rev. D</p>	<p>RW-16 Clearance 7.8  Datasheet Rev. E</p>