



## Product/Process Change Notice - PCN 08\_0073 Rev. A

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

This notice is to inform you of a change that will be made to certain ADI products (see Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** Change of Seal Glass Material for Cerdip & Cerpak Packages  
**Publication Date:** 09-Feb-2009  
**Samples Available Date:** not applicable  
**Effectivity Date:** 09-May-2009 *(the earliest date that a customer could expect to receive changed material)*

### Description Of Change

Change cerdip & cerpak seal glass material from KC-700/T187 type to KC800/LS2010. PCN revised to add aerospace QMLV & QMLR models.

### Reason For Change

Discontinuation of previous material type.

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

None.

### Product Identification *(this section will describe how to identify the changed material)*

Cerdip = Datecode 0848. Cerpak = Datecode 0907

### Summary of Supporting Information

Both package families will undergo Group D testing as required per MIL-PRF-38535 Table V, see attached qual plan.

### Supporting Documents

**Attachment 1:** ADI\_PCN\_08\_0073\_Rev\_A\_08\_0073AQualPlan.pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

**Americas:** PCN\_Americas@analog.com

**Europe:** PCN\_Europe@analog.com

**Japan:** PCN\_Japan@analog.com

**Rest of Asia:** PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (91)**

AD565S / 5962-9689201VKA	AD585S / AD5850703Q	AD648S / 5962-9753501VPA	AD648S / 5962-9753502VPA	AD8001S / 5962-9459301VHA	AD8001S / 5962-9459301VPA
AD8001S / 5962R9459301VHA	AD8001S / 5962R9459301VPA	AD8041S / AD80410703Q	AD8138S / AD81380001L	AD8138S / AD81380703L	AD847S / AD847-016Q
AD8561S / 5962-0051501VHA	AD8561S / 5962-0051501VPA	AD8561S / 5962R0051501VHA	AD8561S / 5962R0051501VPA	AD8561S / AD8561SL-EMX	AD96687S / AD966870010Q
AD9696S / AD96960803Q	ADG201S / ADG2010803Q	AMP01S / 5962-8863001VKA	AMP01S / 5962-8863003VKA	DAC08S / 5962R8993201VEA	DAC08S / 5962R8993201VFA
DAC08S / 5962R8993202VEA	DAC08S / 5962R8993202VFA	DAC08S / DAC08AF-EMX	DAC08S / JM38510/11302SEA	DAC100S / DAC1000713Q	MAT03S / MAT030903L
OP07S / 5962R9863901VHA	OP07S / 5962R9863901VPA	OP07S / OP070511Z	OP08S / OP080053L	OP11S / 5962-8980101VDA	OP11S / OP110903Y
OP15S / 5962-8954203VPA	OP15S / OP150232Z	OP16S / 5962R8954304VPA	OP200S / 5962-8859301VPA	OP207S / 5962R0821401VCA	OP215S / 5962R8853801VPA
OP227S / OP227R903Y	OP270S / 5962-8872101VDA	OP270S / 5962-8872101VPA	OP270S / 5962R8872101VDA	OP270S / 5962R8872101VPA	OP27S / 5962R9468002VHA
OP27S / 5962R9468002VPA	OP27S / JM38510/13503SPA	OP37S / 5962-8853701VPA	OP400S / 5962-8777101VCA	OP400S / 5962-8777101VKA	OP42S / 5962-8851301VPA
OP467S / 5962R9325801VCA	OP467S / 5962R9325801VDA	OP470S / 5962-8856501VCA	OP470S / 5962R8856501VCA	OP470S / 5962R8856501VKA	OP471S / 5962-8856502VDA
OP471S / 5962-8856502VKA	OP471S / 5962R8856502VCA	OP471S / 5962R8856502VDA	OP471S / 5962R8856502VKA	OP484S / 5962-0051701VCA	OP484S / 5962-0051701VDA
OP484S / 5962R0051701VCA	OP484S / 5962R0051701VDA	OP484S / OP484AM-EMX	OP77S / 5962-8773802VHA	OP77S / 5962-8773802VPA	PM111S / JM38510/10304SPA
PM139S / 5962-8773901VDA	PM139S / 5962R8773901VCA	PM139S / 5962R8773901VDA	PM139S / 5962R8773902VCA	PM155S / 5962R9863601VPA	REF01S / 5962R8958101VHA
REF01S / 5962R8958101VPA	REF02S / 5962-8511401VHA	REF02S / 5962R8551401VHA	REF02S / 5962R8551401VPA	REF05S / 5962R0051601VHA	REF05S / REF050903L
REF43S / REF430803L	REF43S / REF430803Z	REF43S / REF43R803L	REF43S / REF43R803Z	SMP11S / SMP110094Y	SW201S / SW2010079Q
SW201S / SW2010803Q					

**Added Parts On This Revision - Product Family / Model Number (91)**

AD565S / 5962-9689201VKA	AD585S / AD5850703Q	AD648S / 5962-9753501VPA	AD648S / 5962-9753502VPA	AD8001S / 5962-9459301VHA	AD8001S / 5962-9459301VPA
AD8001S / 5962R9459301VHA	AD8001S / 5962R9459301VPA	AD8041S / AD80410703Q	AD8138S / AD81380001L	AD8138S / AD81380703L	AD847S / AD847-016Q
AD8561S / 5962-0051501VHA	AD8561S / 5962-0051501VPA	AD8561S / 5962R0051501VHA	AD8561S / 5962R0051501VPA	AD8561S / AD8561SL-EMX	AD96687S / AD966870010Q
AD9696S / AD96960803Q	ADG201S / ADG2010803Q	AMP01S / 5962-8863001VKA	AMP01S / 5962-8863003VKA	DAC08S / 5962R8993201VEA	DAC08S / 5962R8993201VFA
DAC08S / 5962R8993202VEA	DAC08S / 5962R8993202VFA	DAC08S / DAC08AF-EMX	DAC08S / JM38510/11302SEA	DAC100S / DAC1000713Q	MAT03S / MAT030903L
OP07S / 5962R9863901VHA	OP07S / 5962R9863901VPA	OP07S / OP070511Z	OP08S / OP080053L	OP11S / 5962-8980101VDA	OP11S / OP110903Y
OP15S / 5962-8954203VPA	OP15S / OP150232Z	OP16S / 5962R8954304VPA	OP200S / 5962-8859301VPA	OP207S / 5962R0821401VCA	OP215S / 5962R8853801VPA
OP227S / OP227R903Y	OP270S / 5962-8872101VDA	OP270S / 5962-8872101VPA	OP270S / 5962R8872101VDA	OP270S / 5962R8872101VPA	OP27S / 5962R9468002VHA
OP27S / 5962R9468002VPA	OP27S / JM38510/13503SPA	OP37S / 5962-8853701VPA	OP400S / 5962-8777101VCA	OP400S / 5962-8777101VKA	OP42S / 5962-8851301VPA
OP467S / 5962R9325801VCA	OP467S / 5962R9325801VDA	OP470S / 5962-8856501VCA	OP470S / 5962R8856501VCA	OP470S / 5962R8856501VKA	OP471S / 5962-8856502VDA
OP471S / 5962-8856502VKA	OP471S / 5962R8856502VCA	OP471S / 5962R8856502VDA	OP471S / 5962R8856502VKA	OP484S / 5962-0051701VCA	OP484S / 5962-0051701VDA
OP484S / 5962R0051701VCA	OP484S / 5962R0051701VDA	OP484S / OP484AM-EMX	OP77S / 5962-8773802VHA	OP77S / 5962-8773802VPA	PM111S / JM38510/10304SPA
PM139S / 5962-8773901VDA	PM139S / 5962R8773901VCA	PM139S / 5962R8773901VDA	PM139S / 5962R8773902VCA	PM155S / 5962R9863601VPA	REF01S / 5962R8958101VHA
REF01S / 5962R8958101VPA	REF02S / 5962-8511401VHA	REF02S / 5962R8551401VHA	REF02S / 5962R8551401VPA	REF05S / 5962R0051601VHA	REF05S / REF050903L
REF43S / REF430803L	REF43S / REF430803Z	REF43S / REF43R803L	REF43S / REF43R803Z	SMP11S / SMP110094Y	SW201S / SW2010079Q
SW201S / SW2010803Q					

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. A	09-Feb-2009	PCN Revised Jan, 2009 to add affected models for aerospace (QMLV & QMLR) products.

Analog Devices, Inc.

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