



Product/Process Change Notice - PCN 13_0163 Rev. -

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.

PCN Title: Qualify TSSI Cavite, Phils for Burn-in and Life Test of MIL-PRF-38535 QMLV Aerospace Devices

Publication Date: 02-Oct-2013

Effectivity Date: 17-Dec-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Qualify TSSI Cavite, Philippines as an additional site for Burn-in and Group C High Temp Operating Life Test (HTOL) processes for Aerospace products (includes all MIL-PRF-38535 QMLV, JANS, Standard Space Grade and Class K die qualifications). Reference Test Methods 1015 & 1005 of MIL-STD-883.

Reason For Change

Consolidate all ADI burn-in & HTOL to TSSI Cavite. This change has already been made to ADI Class Q/JANB devices per PCN12_0066.

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

Change will have no effect form, fit, and function. ADI will consign ovens & equipment to TSSI.

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

Parts processed after December, 2013 will undergo Burn-in at TSSI. Approximate datecode = 1340.

Summary of Supporting Information

See attached Qualification Plan Summary.

Comments

TSSI Cavite site is currently certified to ISO9001, ISO14001, ISO/TS16949, and OHSAS18001.

Supporting Documents

Attachment 1: Type: Qualification Plan Summary

ADI_PCN_13_0163_Rev_-_TSSI_QMLV_Burn-in transfer matrix.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

Added Parts On This Revision - Product Family / Model Number (529)

AD1671S / AD1671-063F	AD1671S / AD16710031D	AD1671S / AD16710034D	AD1671S / AD16710036F	AD1671S / AD16710058F
AD1671S / AD16710059F	AD1671S / AD16710062F	AD1671S / AD16710703D	AD1671S / AD16710703F	AD1671S / AD16710713F
AD1672S / AD1672-713D	AD1672S / AD16720013F	AD1672S / AD16720014D	AD1672S / AD16720015F	AD1672S / AD16720017D
AD1672S / AD16720703F	AD1672S / AD1672F-EMX	AD2S80S / AD2S80-035D	AD2S80S / AD2S800033D	AD2S80S / AD2S800034D
AD2S80S / AD2S800703D	AD524S / 5962-8853901V2A	AD524S / 5962-8853901VEA	AD524S / 5962R8853901V2A	AD524S / 5962R8853901VEA
AD534S / 5962-9053701VCA	AD534S / 5962-9053701VIA	AD534S / AD5340049D	AD537S / AD5370703D	AD561S / AD5610703D
AD562S / AD5620032D	AD565S / 5962-9689201VJA	AD565S / 5962-9689202VJA	AD565S / AD5650026D	AD565S / AD5650054D
AD566S / AD5650803D	AD571S / 5962-8680203VVA	AD571S / AD5710033D	AD571S / AD5710038D	AD571S / AD5710045D
AD571S / AD5710703D	AD574S / 5962-8512701VXA	AD574S / 5962-8512701VZA	AD574S / 5962-8512702VXA	AD574S / 5962-8512702VZA
AD574S / 5962R8512701VXA	AD574S / 5962R8512701VZA	AD574S / 5962R8512702VXA	AD574S / 5962R8512702VZA	AD574S / AD5740003D
AD574S / AD5740017D	AD574S / AD5740055F	AD574S / AD5740070F	AD574S / AD5740071D	AD574S / AD5740082D
AD574S / AD5740083D	AD574S / AD5740084D	AD574S / AD5740115F	AD574S / AD5740117D	AD574S / AD5740452F
AD574S / AD5740803F	AD574S / AD574AUF-EMX	AD584S / 5962-3812801VGA	AD584S / 5962-3812802VGA	AD584S / 5962L3812805VGA
AD584S / 5962R3812801VGA	AD584S / 5962R3812802VGA	AD584S / AD5840073H	AD584S / AD5840074H	AD584S / AD5840096H
AD584S / AD5840803H	AD585S / AD585-703M	AD585S / AD585-713M	AD585S / AD5850008Q	AD585S / AD5850017M
AD586S / AD5850018M	AD589S / 5962-8992901VXA	AD589S / AD5890013H	AD589S / AD5890803H	AD590S / 5962-8757103VXA
AD590S / 5962-8757103VYA	AD590S / 5962-8757104VXA	AD590S / 5962L8757105VYA	AD590S / 5962R8757103VXA	AD590S / 5962R8757103VYA
AD590S / 5962R8757104VXA	AD590S / 5962R8757104VXC	AD590S / 5962R8757104VYA	AD590S / AD590-111F	AD590S / AD590-112H
AD590S / AD5900108F	AD590S / AD5900703F	AD590S / AD5900803F	AD590S / AD5900803H	AD590S / AD5900903F
AD640S / AD6400803D	AD648S / 5962-9753501VGA	AD648S / 5962-9753501VPA	AD648S / 5962-9753502VGA	AD648S / 5962-9753502VPA
AD648S / AD6480011H	AD648S / AD6480703H	AD648S / AD6480703Q	AD648S / AD6480803D	AD648S / AD6480803Q
AD662S / 5962-9322201VEA	AD6645S / 5962L0423003VXC	AD6645S / 5962R0423002VXC	AD667S / AD6670009F	AD667S / AD6670013F
AD667S / AD6670703D	AD667S / AD6670703F	AD667S / AD6670713F	AD670S / AD6700703D	AD674S / AD6740010D
AD7226S / AD72260002N	AD7226S / AD72260021N	AD768S / 5962R0820101VZA	AD768S / AD768AF-EMX	AD7716S / AD77160001J44
AD7899S / AD7899R703F	AD7899S / AD7899R803F	AD8001S / 5962-9459301VHA	AD8001S / 5962-9459301VPA	AD8001S / 5962L9459302VHA
AD8001S / 5962R9459301VHA	AD8001S / 5962R9459301VPA	AD8001S / AD80010004Q	AD8001S / AD80010005L	AD8001S / AD80010703Q
AD8001S / AD80010903Q	AD8041S / 5962L9683903VHA	AD8041S / 5962R9683902VHA	AD8041S / 5962R9683902VPA	AD8041S / AD80410004Q
AD8041S / AD8041SL-EMX	AD8138S / 5962L0922002VHA	AD8138S / 5962R0922001VHA	AD8138S / AD8138AL-EMX	AD8182S / 5962L1021102VDA
AD8182S / 5962R1021101VDA	AD8182S / AD8182AM-EMX	AD8184S / AD81840001RC	AD8184S / AD81840002RC	AD8184S / AD81840003RC
AD8212S / 5962L0924402VHA	AD8212S / 5962R0924401VHA	AD8212S / AD8212AL-EMX	AD8229S / AD8229AF-EMX	AD8229S / AD8229R703F
AD8306S / 5962L9864603VXA	AD8306S / 5962R9864602VXA	AD8306S / AD8306AF-EMX	AD8346S / 5962L0922702VXA	AD8346S / 5962R0922701VXA
AD8346S / AD8346AF-EMX	AD8351S / 5962L0821802V2A	AD8351S / 5962R0821801V2A	AD8351S / AD8351ARC-EMX	AD8367S / AD8367AF-EMX
AD8367S / AD8367R703F	AD8370S / AD8370S-NRE	AD844S / 5962-8964401VPA	AD844S / 5962L8964402VPA	AD844S / 5962R8964401VPA
AD844S / AD8440005Q	AD844S / AD8440006E	AD844S / AD8440703Q	AD847S / AD847-016Q	AD847S / AD8470004Q
AD847S / AD8470703Q	AD8561S / 5962-0051501VHA	AD8561S / 5962-0051501VPA	AD8561S / 5962L0051502VHA	AD8561S / 5962R0051501VHA
AD8561S / 5962R0051501VPA	AD8561S / AD85610005L	AD8561S / AD8561AL-EMX	AD8629S / AD8629AL-EMX	AD8629S / AD8629D703L
AD8671S / 5962L0922301VHA	AD8671S / AD8671AL-EMX	AD8674S / 5962L0922401VDA	AD8674S / AD8674AM-EMX	AD9042S / 5962L0253802VZA
AD9042S / 5962R0253801VXA	AD9042S / 5962R0253801VZA	AD9042S / AD90420004F	AD9042S / AD90420009F	AD9042S / AD90420014D
AD9042S / AD90420015F	AD9042S / AD90420022D	AD9042S / AD9042SD-EMX	AD9042S / AD9042SF-EMX	AD9054AS / AD90540703J44
AD9058S / AD90580005D	AD9058S / AD90580009D	AD9058S / AD90580803DUP	AD9058S / AD9058R803DUP	AD9254S / AD9254BF-EMX
AD9254S / AD9254R703F	AD9283S / AD9283-703RC	AD9283S / AD92830099RC	AD96687S / AD966870010Q	AD9696S / AD96960020Q
AD9731S / AD97310001D	AD9731S / AD97310004F	AD9731S / AD97310005F	AD9731S / AD97310703D	AD9731S / AD97310703F
AD9731S / AD97310713D	AD9731S / AD97310713F	AD9814S / AD9814-703F	AD9814S / AD98140001F	AD9814S / AD98140002F
ADA4096S / ADA4096AF-EMX	ADA4096S / ADA4096R703F	ADF4108S / ADF4108BF-EMX	ADF4108S / ADF4108L703F	ADG201S / ADG2010011Q
ADG201S / ADG2010803Q	ADL5501S / 5962R1123901VHA	ADL5501S / ADL5501AL-EMX	ADL5513S / 5962R1120301VXA	ADL5513S / ADL5513AF-EMX
AMP01S / 5962-8863001V3A	AMP01S / 5962-8863001VVA	AMP01S / 5962-8863003V3A	AMP01S / 5962-8863003VKA	AMP01S / 5962-8863003VVA
AMP01S / AMP010069N	AMP01S / AMP010105XB	AMP01S / AMP010111X	AMP01S / AMP010124N	AMP01S / AMP010130TC
AMP01S / AMP010139N	AMP01S / AMP010140X	AMP01S / AMP010803N	AMP01S / AMP010803TC	DAC08S / 5962L8993203VFA

DAC08S / 5962R8993201V2A	DAC08S / 5962R8993201VEA	DAC08S / 5962R8993201VFA	DAC08S / 5962R8993202V2A	DAC08S / 5962R8993202VEA
DAC08S / 5962R8993202VFA	DAC08S / DAC080266F	DAC08S / DAC080384Q	DAC08S / DAC080523CG	DAC08S / DAC080532RC
DAC08S / DAC080556F	DAC08S / DAC080557RC	DAC08S / DAC080558F	DAC08S / DAC080903F	DAC08S / DAC080903Q
DAC08S / DAC08AF-EMX	DAC08S / JM38510/11301SEA	DAC08S / JM38510/11302SEA	DAC100S / DAC1000639Q	DAC100S / DAC1000647Q
DAC100S / DAC1000652Q	DAC100S / DAC1000703Q	DAC100S / DAC1000713Q	MAT02S / MAT02-903L	MAT02S / MAT02-913L
MAT02S / MAT020053RC	MAT02S / MAT020062L	MAT02S / MAT020063RC	MAT02S / MAT020903H	MAT03S / MAT030017RC
MAT03S / MAT030021L	MAT03S / MAT030903L	MUX08S / MUX080163RC	MUX08S / MUX080913Q	MUX16S / MUX160127TC
OP07S / 5962R9863901VGA	OP07S / 5962R9863901VHA	OP07S / 5962R9863901VPA	OP07S / JM38510/13501SGA	OP07S / JM38510/13501SPA
OP07S / JM38510/13502SGA	OP07S / JM38510/13502SPA	OP07S / OP070385L	OP07S / OP070421L	OP07S / OP070732Z
OP07S / OP070737Z	OP08S / OP080051J	OP08S / OP080053L	OP11S / 5962-8980101VCA	OP11S / 5962-8980101VDA
OP11S / OP110133Y	OP11S / OP110903M	OP11S / OP110903Y	OP12S / OP120023J	OP12S / OP120025L
OP15S / 5962R8954203VGA	OP15S / 5962R8954203VHA	OP15S / 5962R8954203VPA	OP15S / OP150112L	OP15S / OP150113J
OP15S / OP150133J	OP15S / OP150232Z	OP15S / OP150359MB	OP15S / OP150374Z	OP15S / OP150375L
OP15S / OP150376L	OP15S / OP150903J	OP15S / OP150903L	OP16S / 5962R8954304VGA	OP16S / 5962R8954304VPA
OP16S / OP160069J	OP16S / OP160071Z	OP16S / OP160220J	OP200S / 5962-8859301V2A	OP200S / 5962-8859301VPA
OP200S / OP2000083Z	OP200S / OP2000111Z	OP200S / OP2000116RC	OP207S / 5962R0821401VCA	OP207S / OP2070032Y
OP215S / 5962-8853801VGA	OP215S / 5962-8853801VPA	OP215S / 5962R8853801VGA	OP215S / 5962R8853801VPA	OP215S / 5962R8853804V2A
OP215S / OP2150211Z	OP215S / OP2150240Z	OP215S / OP2150251RC	OP215S / OP2150255J	OP215S / OP2150903Z
OP227S / OP227R903M	OP227S / OP227R903Y	OP22S / OP220903J	OP270S / 5962-8872101V2A	OP270S / 5962-8872101VDA
OP270S / 5962-8872101VPA	OP270S / 5962R8872101V2A	OP270S / 5962R8872101VDA	OP270S / 5962R8872101VPA	OP270S / OP2700084Z
OP270S / OP2700085M	OP270S / OP2700096RC	OP270S / OP2700100Z	OP270S / OP2700578Z	OP27S / 5962L9468003VHA
OP27S / 5962R9468002V2A	OP27S / 5962R9468002VGA	OP27S / 5962R9468002VHA	OP27S / 5962R9468002VPA	OP27S / JM38510/13503SGA
OP27S / JM38510/13503SPA	OP27S / OP270460RC	OP27S / OP270537RC	OP27S / OP270558L	OP27S / OP270577L
OP27S / OP270580RC	OP27S / OP270582L	OP27S / OP270583L	OP27S / OP270584RC	OP27S / OP270903L
OP284S / OP284-WFR	OP37S / 5962-8853701VGA	OP37S / 5962-8853701VPA	OP37S / OP370235J	OP37S / OP370240RC
OP37S / OP370246J	OP37S / OP370247J	OP37S / OP370903J	OP37S / OP370903Z	OP400S / 5962-8777101V3A
OP400S / 5962-8777101VCA	OP400S / 5962-8777101VKA	OP400S / OP4000197Y	OP400S / OP4000226Y	OP400S / OP4000229TC
OP400S / OP4000234N	OP400S / OP4000240N	OP400S / OP4000242Y	OP400S / OP4000903N	OP400S / OP4000903TC
OP42S / 5962-8851301VGA	OP42S / 5962-8851301VPA	OP42S / OP420082J	OP42S / OP420127J	OP42S / OP420903L
OP467S / 5962-9325801V2A	OP467S / 5962-9325801VCA	OP467S / 5962R9325801VCA	OP467S / 5962R9325801VDA	OP467S / OP4670006RC
OP467S / OP4670020RC	OP467S / OP4670021M	OP467S / OP4670903Y	OP470S / 5962-8856501V2A	OP470S / 5962-8856501VCA
OP470S / 5962L8856503VCA	OP470S / 5962R8856501V2A	OP470S / 5962R8856501VCA	OP470S / 5962R8856501VKA	OP470S / OP4700121N
OP470S / OP4700903N	OP470S / OP4700903TC	OP470S / OP4700903Y	OP471S / 5962-8856502VKA	OP471S / 5962L8856504VDA
OP471S / 5962R8856502VCA	OP471S / 5962R8856502VDA	OP471S / 5962R8856502VKA	OP471S / OP4710048MS	OP471S / OP4710068N
OP471S / OP4710073Y	OP471S / OP4710082Y	OP484S / 5962-0051701VCA	OP484S / 5962-0051701VDA	OP484S / 5962R0051701VCA
OP484S / 5962R0051701VDA	OP484S / OP4840005M	OP484S / OP4840012M	OP484S / OP4840015M	OP484S / OP484AM-EMX
OP77S / 5962-8773802V2A	OP77S / 5962-8773802VGA	OP77S / 5962-8773802VHA	OP77S / 5962-8773802VPA	OP77S / OP770140M
OP77S / OP770176L	OP77S / OP770903L	PM108S / 5962R9863701VGA	PM108S / 5962R9863701VHA	PM108S / 5962R9863701VPA
PM108S / JM38510/10104SGA	PM108S / PM1080215J	PM111S / JM38510/10304SGA	PM111S / JM38510/10304SPA	PM139S / 5962-8773901V2A
PM139S / 5962-8773901VDA	PM139S / 5962L8773903VDA	PM139S / 5962R8773901V2A	PM139S / 5962R8773901VCA	PM139S / 5962R8773901VDA
PM139S / PM1390303M	PM139S / PM1390305M	PM139S / PM1390320M	PM139S / PM1390327M	PM139S / PM1390338M
PM139S / PM1390343M	PM139S / PM1390367RC	PM139S / PM1390368M	PM139S / PM1390374M	PM139S / PM1390803RC
PM139S / PM1390903M	PM139S / PM1390903Y	PM155S / 5962R9863601VGA	PM155S / 5962R9863601VPA	PM155S / JM38510/11404SGA
PM155S / JM38510/11404SPA	PM156S / 5962R9863602VGA	PM156S / 5962R9863602VPA	PM156S / JM38510/11402SGA	PM156S / JM38510/11402SPA
PM156S / JM38510/11405SGA	PM156S / JM38510/11405SPA	REF01S / 5962-8958101V2A	REF01S / 5962-8958101VGA	REF01S / 5962-8958101VPA
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REF02S / 5962L8551405VHA	REF02S / 5962R8551401V2A	REF02S / 5962R8551401VGA	REF02S / 5962R8551401VHA	REF02S / 5962R8551401VPA
REF02S / REF020444L	REF02S / REF020445L	REF02S / REF020903J	REF05S / 5962L0051602VHA	REF05S / 5962R0051601VGA
REF05S / 5962R0051601VHA	REF05S / 5962R0051601VPA	REF05S / REF050028J	REF05S / REF050048J	REF05S / REF050054J
REF05S / REF050074J	REF05S / REF050083J	REF05S / REF050903J	REF05S / REF050903L	REF10S / 5962L8947903VHA

REF10S / 5962R8947901VGA	REF10S / 5962R8947901VHA	REF10S / REF100007J	REF10S / REF100020L	REF10S / REF100029J
REF10S / REF100089J	REF10S / REF100903L	REF43S / REF430077RC	REF43S / REF430086RC	REF43S / REF430095RC
REF43S / REF430096RC	REF43S / REF430097RC	REF43S / REF430099J	REF43S / REF430100L	REF43S / REF430803J
REF43S / REF430803L	REF43S / REF430803RC	REF43S / REF430803Z	REF43S / REF43AL-EMX	REF43S / REF43R103L
REF43S / REF43R803J	REF43S / REF43R803L	REF43S / REF43R803RC	REF43S / REF43R803Z	SMP11S / SMP11-201Y
SMP11S / SMP110094Y	SMP11S / SMP110803Y	SMP11S / SMP110903Y	SW06S / SW060060F	SW201S / SW201-042Q
SW201S / SW2010072Q	SW201S / SW2010078Q	SW201S / SW2010079Q	SW201S / SW2010803Q	

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	02-Oct-2013	17-Dec-2013	Initial Release

Analog Devices, Inc.

DocId:2470 Parent DocId:None Layout Rev:7