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西新宿三井ビルディング

報告書番号：PCN#20090729003
2009 年 8 月 7 日

お客様各位

日本テキサス・インスツルメンツ株式会社
営業・技術本部 カスタムドキュメント
マネージャ 牧 達郎 (牧)

HVAL-SLL(汎用リニアロジック) 一部製品 組立サイト追加予定のご案内

拝啓 貴社益々ご清栄の事とお喜び申し上げます。平素は弊社製品のご愛顧を賜り、厚く御礼申し上げます。さて、標題の件につきまして下記にご連絡させていただきます。ご査収の程、宜しくお願い申し上げます。

敬具

－ 記 －

通知タイプ	■Initial notice (Plan)		□Final notice		
変更概要	Design/Specification		□Design	□Electrical	□Mechanical
	Wafer Fab		□Site	□Process	□Material
	Wafer Bump		□Site	□Process	□Material
	■Assembly		■Site	□Process	□Material
	Test		□Site	□Process	
	Others		□Packing/Shipping/Labeling		□ -
変更内容	HVAL-SLL (汎用リニアロジック) 一部製品 組立サイト追加 現行 : HANA 社 (CHS, 中国) 変更後 : HANA 社 (CHS, 中国), ASE-Weihai 社 (AWH, 中国)				
対象製品	対象製品リスト参照				
変更時期	11 月中旬の出荷より予定しています。				
品質認定試験	■計画		□終了		
製品表示	□変更無し		■変更あり		
備考	—				

尚、変更時期につきましては、在庫状況により異なりますので、担当営業にお問い合わせ下さい。また、ご不明な点、ご質問等がございましたら、担当営業或いはpcn_tij@list.ti.comにお問い合わせ下さい。

以上

変更内容

内容: 今回のお知らせは、下記変更実施についての一次予定の連絡になります。最終的なお知らせは、弊社内変更審査が終了次第、認定試験の結果を含め、本PCNの更新版の発行をもって連絡させていただきます。尚、変更品の出荷につきましては、本通知の90日以降に予定いたしております。

弊社 HVAL-SLL (汎用リニアロジック) 一部製品の組立サイトについて、現行 HANA社 (CHS, 中国) サイトにて製造しておりますが、供給能力確保の為に、これに加えて、ASE-Weihai社 (AWH, 中国) サイトでの製造を追加する予定です。尚、今回の変更で、製品についての互換性(寸法/公差), 動作特性, 品質, 信頼性への影響はありません。

変更内容
組立サイト

現行
HANA社 (CHS, 中国)

変更後
HANA社 (CHS, 中国)
ASE-Weihai社 (AWH, 中国)

理由: 供給能力確保の為

対象製品リスト

対象製品名				
74AHC1G125DBVRE4	LMV321IDCKRG4	LP2985-50DBVR	SN74AHCT1G86DCKT	SN74LVC1G32DCKRG4
74AHC1G125DBVRG4	LMV321IDCKTE4	LP2985-50DBVRG4	SN74AUC1G08DBVRE4	SN74LVC1G32DCKTE4
74AHC1G125DBVTE4	LMV321IDCKTG4	LP2985-50DBVT	SN74AUC1G08DBVRG4	SN74LVC1G32DCKTG4
74AHC1G125DBVTG4	LMV331IDBVR	LP2985-50DBVTG4	SN74AUC1G08DCKRE4	SN74LVC1G332DBVR
74AHC1G125DCKRE4	LMV331IDBVE4	LP2985A-18DBVR	SN74AUC1G08DCKRG4	SN74LVC1G332DCKRG4
74AHC1G125DCKRG4	LMV331IDBVRG4	LP2985A-18DBVRE4	SN74AUC1G17DBVR	SN74LVC1G57DCK6
74AHC1G125DCKTE4	LMV331IDBVT	LP2985A-18DBVRG4	SN74AUC1G17DBVRE4	SN74LVC1G57DCKR
74AHC1G125DCKTG4	LMV331IDBVE4	LP2985A-18DBVT	SN74AUC1G17DBVRG4	SN74LVC1G57DCKRE4
74AHC1GU04DBVRE4	LMV331IDBVTG4	LP2985A-18DBVTE4	SN74AUC1G17DCKRE4	SN74LVC1G57DCKRG4
74AHC1GU04DBVRG4	LMV331IDCKT	LP2985A-18DBVTG4	SN74AUC1G17DCKRG4	SN74LVC1G58DCKR
74AHC1GU04DBVTE4	LMV331IDCKTE4	LP2985A-25DBVR	SN74AUP1G14DCKRE4	SN74LVC1G58DCKRE4
74AHC1GU04DCKRE4	LMV331IDCKTG4	LP2985A-25DBVRG4	SN74AUP1G14DCKRG4	SN74LVC1G58DCKRG4
74AHC1GU04DCKRG4	LMV931IDBVR	LP2985A-25DBVT	SN74AUP1G14DCKT	SN74LVC1G86DBVR
74AHC1GU04DCKTE4	LMV931IDBVE4	LP2985A-25DBVTG4	SN74AUP1G14DCKTE4	SN74LVC1G86DBVRE4
74AHC1GU04DCKTG4	LMV931IDBVRG4	LP2985A-28DBVR	SN74AUP1G14DCKTG4	SN74LVC1G86DBVRG4
74AHCT1G04DBVRE4	LMV931IDCKR	LP2985A-28DBVRE4	SN74AUP1G17DBVR	SN74LVC1G86DBVT
74AHCT1G04DBVRG4	LMV931IDCKRE4	LP2985A-28DBVRG4	SN74AUP1G17DBVRE4	SN74LVC1G86DBVTE4
74AHCT1G04DBVTE4	LMV931IDCKRG4	LP2985A-28DBVT	SN74AUP1G17DBVRG4	SN74LVC1G86DBVTG4
74AHCT1G04DBVTG4	LP2981-28DBVR	LP2985A-28DBVTE4	SN74AUP1G17DBVT	SN74LVC1G86DCK6
74AHCT1G04DCKRE4	LP2981-28DBVRE4	LP2985A-28DBVTG4	SN74AUP1G17DBVTE4	SN74LVC1G86DCKRE4
74AHCT1G04DCKRG4	LP2981-28DBVRG4	LP2985A-29DBVR	SN74AUP1G17DBVTG4	SN74LVC1G86DCKRG4
74AHCT1G04DCKTE4	LP2981-28DBVT	LP2985A-29DBVRG4	SN74AUP1G17DCKRE4	SN74LVC1G86DCKTE4
74AHCT1G04DCKTG4	LP2981-28DBVTE4	LP2985A-29DBVT	SN74AUP1G17DCKRG4	SN74LVC1G86DCKTG4
74AHCT1G08DBVRE4	LP2981-28DBVTG4	LP2985A-29DBVTG4	SN74AUP1G17DCKT	SN74LVC1G97DBVRE4
74AHCT1G08DBVRG4	LP2981-29DBVR	LP2985A-30DBVR	SN74AUP1G17DCKTE4	SN74LVC1G97DBVRG4
74AHCT1G08DBVTE4	LP2981-29DBVRG4	LP2985A-30DBVRG4	SN74AUP1G17DCKTG4	SN74LVC1G97DBVTE4
74AHCT1G08DBVTG4	LP2981-29DBVT	LP2985A-30DBVT	SN74LVC1G00DBVR	SN74LVC1G97DBVTG4
74AHCT1G08DCKRE4	LP2981-29DBVTG4	LP2985A-30DBVTG4	SN74LVC1G00DBVRE4	SN74LVC1G97DCKRE4
74AHCT1G08DCKRG4	LP2981-30DBVR	LP2985A-33DBVRE4	SN74LVC1G00DBVRG4	SN74LVC1G97DCKRG4
74AHCT1G08DCKTE4	LP2981-30DBVRE4	LP2985A-33DBVRG4	SN74LVC1G00DBVT	SN74LVC1G97DCKT
74AHCT1G08DCKTG4	LP2981-30DBVRG4	LP2985A-33DBVT	SN74LVC1G00DBVTE4	SN74LVC1G97DCKTE4
74AHCT1G125DBVRE4	LP2981-30DBVT	LP2985A-33DBVTE4	SN74LVC1G00DBVTG4	SN74LVC1G97DCKTG4
74AHCT1G125DBVRG4	LP2981-30DBVTE4	LP2985A-33DBVTG4	SN74LVC1G02DCKRE4	SN74LVC1GU04DCK6
74AHCT1G125DBVTE4	LP2981-30DBVTG4	LP2985A-50DBVR	SN74LVC1G02DCKRG4	SN74LVC1GU04DCKT
74AHCT1G125DBVTG4	LP2981-33DBVR	LP2985A-50DBVRG4	SN74LVC1G02DCKTE4	SN74LVC2G04DCKRE4
74AHCT1G125DCKRE4	LP2981-33DBVRE4	LP2985A-50DBVT	SN74LVC1G02DCKTG4	SN74LVC2G04DCKRG4
74AHCT1G125DCKRG4	LP2981-33DBVRG4	LP2985A-50DBVTG4	SN74LVC1G04DBVRE4	SN74LVC2G04DCKTE4
74AHCT1G125DCKTE4	LP2981-33DBVT	SN0710022DCKR	SN74LVC1G04DBVRG4	SN74LVC2G04DCKTG4
74AHCT1G125DCKTG4	LP2981-33DBVTE4	SN74AHC1G00DBVRE4	SN74LVC1G04DBVT	SN74LVC2G07DBVR
74AHCT1G126DCKRE4	LP2981-33DBVTG4	SN74AHC1G00DBVRG4	SN74LVC1G04DBVTE4	SN74LVC2G07DBVRG4
74AHCT1G126DCKRG4	LP2981-50DBVR	SN74AHC1G00DBVT	SN74LVC1G04DBVTG4	SN74LVC2G07DBVRG4
74AHCT1G126DCKTE4	LP2981-50DBVRG4	SN74AHC1G00DBVTE4	SN74LVC1G04DCKRE4	SN74LVC2G07DCK6
74AHCT1G126DCKTG4	LP2981-50DBVT	SN74AHC1G00DBVTG4	SN74LVC1G04DCKRG4	SN74LVC2G07DCKRE4
74AHCT1G14DBVRE4	LP2981-50DBVTG4	SN74AHC1G00DCKRE4	SN74LVC1G04DCKTE4	SN74LVC2G07DCKRG4

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74AHCT1G14DBVRG4	LP2981A-28DBVR	SN74AHC1G00DCKRG4	SN74LVC1G04DCKTG4	SN74LVC2G07DCKT
74AHCT1G14DBVTE4	LP2981A-28DBVRE4	SN74AHC1G00DCKTE4	SN74LVC1G06DCKRE4	SN74LVC2G07DCKTE4
74AHCT1G14DBVTG4	LP2981A-28DBVRG4	SN74AHC1G00DCKTG4	SN74LVC1G06DCKRG4	SN74LVC2G07DCKTG4
74AHCT1G14DCKRE4	LP2981A-28DBVT	SN74AHC1G02DCKRE4	SN74LVC1G06DCKTE4	SN74LVC2G14DBVR
74AHCT1G14DCKTE4	LP2981A-28DBVTE4	SN74AHC1G02DCKRG4	SN74LVC1G06DCKTG4	SN74LVC2G14DBVRE4
74AHCT1G14DCKTG4	LP2981A-28DBVTG4	SN74AHC1G04DBVTE4	SN74LVC1G07DBVR	SN74LVC2G14DBVRG4
74AHCT1G32DBVRE4	LP2981A-29DBVR	SN74AHC1G04DCKRE4	SN74LVC1G07DBVRE4	SN74LVC2G14DBVT
74AHCT1G32DBVRG4	LP2981A-29DBVRG4	SN74AHC1G04DCKRG4	SN74LVC1G07DBVRG4	SN74LVC2G14DBVTE4
74AHCT1G32DBVTE4	LP2981A-29DBVT	SN74AHC1G04DCKTE4	SN74LVC1G07DBVT	SN74LVC2G14DBVTG4
74AHCT1G32DBVTG4	LP2981A-29DBVTG4	SN74AHC1G04DCKTG4	SN74LVC1G07DBVTE4	SN74LVC2G14DCKRE4
74AHCT1G32DCKRE4	LP2981A-30DBVR	SN74AHC1G08DBVRE4	SN74LVC1G07DBVTG4	SN74LVC2G14DCKRG4
74AHCT1G32DCKRG4	LP2981A-30DBVRE4	SN74AHC1G08DBVRG4	SN74LVC1G08DCKRG4	SN74LVC2G14DCKT
74AHCT1G32DCKTE4	LP2981A-30DBVRG4	SN74AHC1G08DBVT	SN74LVC1G08DCKR-LI	SN74LVC2G14DCKTE4
74AHCT1G32DCKTG4	LP2981A-30DBVT	SN74AHC1G08DBVTE4	SN74LVC1G08DCKTG4	SN74LVC2G14DCKTG4
74AHCT1G86DCKRE4	LP2981A-30DBVTE4	SN74AHC1G08DBVTG4	SN74LVC1G11DCKR	SN74LVC2G17DCK6
74AHCT1G86DCKRG4	LP2981A-30DBVTG4	SN74AHC1G08DCKRE4	SN74LVC1G11DCKRE4	SN74LVC2G17DCKRE4
74AHCT1G86DCKTE4	LP2981A-33DBVR	SN74AHC1G08DCKRG4	SN74LVC1G11DCKRG4	SN74LVC2G17DCKRG4
74AHCT1G86DCKTG4	LP2981A-33DBVRE4	SN74AHC1G08DCKTE4	SN74LVC1G14DBV6	SN74LVC2G17DCKTE4
74CBTLV1G125CRE4	LP2981A-33DBVRG4	SN74AHC1G08DCKTG4	SN74LVC1G14DBVRE4	SN74LVC2G17DCKTG4
74CBTLV1G125CRG4	LP2981A-33DBVT	SN74AHC1G125DBVT	SN74LVC1G14DBVRG4	SN74LVC2GU04DCKT
74CBTLV1G125DBVRE4	LP2981A-33DBVTE4	SN74AHC1G125DCKT	SN74LVC1G14DBVT	TL3431DBVRE4
74CBTLV1G125DBVRG4	LP2981A-33DBVTG4	SN74AHC1G14DBVT	SN74LVC1G14DBVTE4	TL3431DBVRG4
74CBTLV1G125DCKRG4	LP2981A-50DBVR	SN74AHC1G14DBVTE4	SN74LVC1G14DBVTG4	TL3431DBVT
74LVC1G125DBVRE4	LP2981A-50DBVRG4	SN74AHC1G14DBVTG4	SN74LVC1G14DCKRE4	TL3431DBVTE4
74LVC1G125DBVRG4	LP2981A-50DBVT	SN74AHC1G14DCKRE4	SN74LVC1G14DCKRG4	TL3431DBVTG4
74LVC1G125DBVTE4	LP2981A-50DBVTG4	SN74AHC1G14DCKTE4	SN74LVC1G14DCKTE4	TLV2361CDBVRE4
74LVC1G125DBVTG4	LP2985-18DBVT	SN74AHC1G14DCKTG4	SN74LVC1G14DCKTG4	TLV2361CDBVRG4
74LVC1G125DCKRE4	LP2985-18DBVTE4	SN74AHC1G32DBVRE4	SN74LVC1G17DBVR	TLV2361CDBVTE4
74LVC1G125DCKRG4	LP2985-18DBVTG4	SN74AHC1G32DBVRG4	SN74LVC1G17DBVRE4	TLV2361CDBVTG4
74LVC1G125DCKTE4	LP2985-25DBVT	SN74AHC1G32DBVT	SN74LVC1G17DBVRG4	TLV2361IDBV6
74LVC1G125DCKTG4	LP2985-25DBVTG4	SN74AHC1G32DBVTE4	SN74LVC1G17DBVT	TLV2361IDBVR
74LVC1G126DBVRE4	LP2985-28DBVR	SN74AHC1G32DBVTG4	SN74LVC1G17DBVTE4	TLV2361IDBVRE4
74LVC1G126DBVRG4	LP2985-28DBVRE4	SN74AHC1G32DCKRE4	SN74LVC1G17DBVTG4	TLV2361IDBVRG4
74LVC1G126DBVTE4	LP2985-28DBVRG4	SN74AHC1G32DCKRG4	SN74LVC1G17DCKRE4	TLV2361IDBVT
74LVC1G126DBVTG4	LP2985-28DBVT	SN74AHC1G32DCKTE4	SN74LVC1G17DCKRG4	TLV2361IDBVTE4
74LVC1G332DBVRE4	LP2985-28DBVTE4	SN74AHC1G32DCKTG4	SN74LVC1G17DCKT	TLV2361IDBVTG4
74LVC1G332DBVRG4	LP2985-28DBVTG4	SN74AHC1GU04DBV6	SN74LVC1G17DCKTE4	TS5A3159ADCKR
74LVC1G332DCKRE4	LP2985-29DBVR	SN74AHC1G04DBVT	SN74LVC1G17DCKTG4	TS5A3159ADCKRE4
74LVC1GU04DCKRE4	LP2985-29DBVRG4	SN74AHC1G04DCKT	SN74LVC1G18DCKR	TS5A3159ADCKRG4
74LVC1GU04DCKRG4	LP2985-29DBVT	SN74AHC1G08DBVT	SN74LVC1G18DCKRE4	TS5A3159ADCKT
74LVC1GU04DCKTE4	LP2985-29DBVTG4	SN74AHC1G08DCKT	SN74LVC1G18DCKRG4	TS5A3159ADCKTE4
74LVC1GU04DCKTG4	LP2985-30DBVR	SN74AHC1G125DBVT	SN74LVC1G19DBVR	TS5A3159ADCKTG4
74LVC2GU04DCKRE4	LP2985-30DBVRG4	SN74AHC1G126DCKR	SN74LVC1G19DBVRE4	TS5A3159DCKRE4
74LVC2GU04DCKRG4	LP2985-30DBVT	SN74AHC1G126DCKT	SN74LVC1G19DBVRG4	TS5A3159DCKRG4
74LVC2GU04DCKTE4	LP2985-30DBVTG4	SN74AHC1G14DBVT	SN74LVC1G19DCKRE4	TS5A3159DCKT
74LVC2GU04DCKTG4	LP2985-33DBVR	SN74AHC1G14DCK6	SN74LVC1G19DCKRG4	TS5A3159DCKTE4
LMV321IDBVRE4	LP2985-33DBVRE4	SN74AHC1G14DCKRG4	SN74LVC1G32DBVRE4	TS5A3159DCKTG4
LMV321IDBVRG4	LP2985-33DBVRG4	SN74AHC1G14DCKT	SN74LVC1G32DBVRG4	
LMV321IDBVTE4	LP2985-33DBVT	SN74AHC1G32DBVR	SN74LVC1G32DBVTE4	
LMV321IDBVTG4	LP2985-33DBVTE4	SN74AHC1G32DBVT	SN74LVC1G32DBVTG4	
LMV321IDCKRE4	LP2985-33DBVTG4	SN74AHC1G32DCKT	SN74LVC1G32DCKRE4	

製品表示

今回の変更に伴い、出荷ラベルに記載の原産地(ラベル箇所:22L、23L)が下記のようになる予定です。

	組立サイト	組立サイトコード(22L)	組立国コード(23L)
現行	Hana	CHS	CHN
追加認定	ASE-Weihai	AWH	CHN



図1 出荷ラベルの例

信頼性試験

信頼性試験計画

信頼性試験 - 試料構成詳細

Qual Device:	LMV721IDCKR	Die Protective Coating:	10KACN
Assembly Site:	ASE	Package/Code/Pins:	SC70/DCK/5
Mount Compound:	Ablestik 8200T	Mold Compound:	SUM EME-G600
Bond Wire:	1.0 Mil Dia. Au	Lead Finish, Base:	NiPdAu, Cu
MSL:	JEDEC, LEVEL1-260C	-	-

信頼性試験計画

Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**Steady-state Life Test	150C, 300 Hrs	77	77	77
**Biased HAST	130C/85%RH, 96 Hrs	77	77	77
**Autoclave	121C, 96 Hrs	77	77	77
**T/C	-65C/150C,1000 Cyc	78	78	78
High Temp. Storage Bake	150C, 1000 Hrs	77	77	77
Solderability	Steam age, 8 hours	22	22	22
Lead Pull	-	22	22	22
Lead Fatigue	-	22	22	22
Lead Finish Adhesion	-	15	15	15
Physical Dimensions	-	5	5	5
Bond Strength	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
X-Ray	-	5	5	5
Moisture Sensitivity	-	12	12	12
Electrical Char.	Side by Side	per spec	per spec	per spec
Manufacturability (Assembly)	per mfg. Site specification	per spec	per spec	per spec

Notes: ** tests must be preconditioned per the appropriate sequence, JEDEC Level-1/260C

信頼性試験計画 信頼性試験 - 試料構成詳細				
Qual Device:	SN74LVC2G14DCKR	Die Protective Coating:	10KACN	
Assembly Site:	ASE	Package/Code/Pins:	SC70/DCK/6	
Mount Compound:	Ablestik 8200T	Mold Compound:	SUM EME-G600	
Bond Wire:	0.8 Mil Dia. Au	Lead Finish, Base:	NiPdAu, Cu	
MSL:	JEDEC,LEVEL1-260C	-	-	
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
Electrical Char.	Side by Side	per spec	per spec	per spec
**High Temp. Storage Bake	150C, 1000 Hrs	77	77	77
**Autoclave	121C, 96 Hrs	77	77	77
**T/C	-65C/150C,1000 Cyc	78	78	78
Bond Strength	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
X-Ray	-	5	5	5
Moisture Sensitivity	-	12	12	12
Manufacturability (Assembly)	per mfg. Site specification	per spec	-	-
Notes: ** tests must be preconditioned per the appropriate sequence, JEDEC Level-1/260C				

信頼性試験計画 信頼性試験 - 試料構成詳細				
Qual Device:	SN74LVC1G14DBVR	Die Protective Coating:	10KACN	
Assembly Site:	ASE	Package/Code/Pins:	SOT/DBV/5	
Mount Compound:	Ablestik 8200T	Mold Compound:	SUM EME-G600	
Bond Wire:	0.8 Dia. Au	Lead Finish, Base:	NiPdAu, Cu	
MSL:	JEDEC,LEVEL1-260C	-	-	
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
Electrical Char.	Side by Side	per spec	per spec	per spec
High Temp. Storage Bake	150C, 1000 Hrs	77	77	77
**Autoclave	121C, 96 Hrs	77	77	77
**T/C	-65C/150C,1000 Cyc	78	78	78
Bond Strength	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
Manufacturability (Assembly)	per mfg. Site specification	per spec	per spec	per spec
X-Ray	-	5	5	5
Moisture Sensitivity	-	12	12	12
Notes: ** tests must be preconditioned per the appropriate sequence, JEDEC Level-1/260C				

信頼性試験計画 信頼性試験 - 試料構成詳細				
Qual Device:	TL431CDBVR	Die Protective Coating:	10KACN	
Assembly Site:	ASE	Package/Code/Pins:	SOT/DBV/5	
Mount Compound:	Ablestik 8200T	Mold Compound:	SUM EME-G600	
Bond Wire:	1.0 Mil Dia. Au	Lead Finish, Base:	NiPdAu, Cu	
MSL:	JEDEC, LEVEL1-260C		-	-
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**Steady-state Life Test	150C, 300 Hrs	77/0	77/0	77/0
Electrical Char.	Side by Side	per spec	per spec	per spec
**High Temp. Storage Bake	150C, 1000 Hrs	77	77	77
**Biased HAST	130C/85%RH, 96 Hrs	77	77	77
**Autoclave	121C, 96 Hrs	77	77	77
**T/C	-65C/150C,1000 Cyc	78	78	78
Solderability	Steam age, 8 hours	22	22	22
Lead Pull	-	22	22	22
Lead Fatigue	-	22	22	22
Lead Finish Adhesion	-	15	15	15
Physical Dimensions	-	5	5	5
Flammability	-	5	5	5
Bond Strength	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
X-Ray	-	5	5	5
Moisture Sensitivity	-	12	12	12
Manufacturability (Assembly)	per mfg. Site specification	per spec	per spec	per spec
Notes: ** tests must be preconditioned per the appropriate sequence, JEDEC Level-1/260C				

信頼性試験計画 信頼性試験 - 試料構成詳細				
Qual Device:	TLV431BIDBZR	Die Protective Coating:	10KACN	
Assembly Site:	ASE	Package/Code/Pins:	SOT/DBZ/3	
Mount Compound:	Ablestik 8200T	Mold Compound:	SUM EME-G600	
Bond Wire:	1.0 Mil Dia. Au	Lead Finish, Base:	NiPdAu, Cu	
MSL:	JEDEC, LEVEL1-260C		-	-
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**Steady-state Life Test	150C, 300 Hrs	77	77	77
Electrical Char.	Side by Side	per spec	per spec	per spec
**High Temp. Storage Bake	150C, 1000 Hrs	77	77	77
**Biased HAST	130C/85%RH, 96 Hrs	77	77	77
**Autoclave	121C, 96 Hrs	77	77	77
**T/C	-65C/150C,1000 Cyc	78	78	78
Solderability	Steam age, 8 hours	22	22	22
Lead Pull	-	22	22	22
Lead Fatigue	-	22	22	22
Lead Finish Adhesion	-	15	15	15
Physical Dimensions	-	5	5	5
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Manufacturability (Assembly)	per mfg. Site specification	per spec	per spec	per spec
Notes: ** tests must be preconditioned per the appropriate sequence, JEDEC Level-1/260C				