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西新宿三井ビルディング

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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 カスタマドキュメント
マネージャ 牧 達郎 (牧)

QFN/SON パッケージ製品 1 ピン標識形状変更のご案内
(認定済 600 製品への追加認定 725 製品の連絡)

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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	下記変更について認定済 600 製品への追加認定 725 製品の連絡になります。 QFN/SON パッケージ製品 1 ピン標識形状 変更 現行：1 ピン標識形状標準化 未対応 変更後：1 ピン標識形状標準化 対応	
対象製品	対象製品リスト参照	
変更時期	追加認定品は 2010 年 3 月下旬の出荷より予定しています。 2006 年 2 月上旬の出荷より実施しています。	
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、下記変更について認定済 600製品への追加認定 725製品の連絡になります。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。

Carsem社(CRS:マレーシア)サイトで製造の QFN/SONパッケージ製品について、現行 1ピン標識に3つの形状、Metal Island(■ランド), Chamfer DAP(面取りDAP(Die Attached Pad)), Enhanced Chamfer DAP(余分に面取りした"Mouse bite"DAP(マウスバイトDAP))がありますが、1ピン標識形状を標準化する為に、これを"Mouse bite"DAP(マウスバイトDAP)の形状に変更し認定いたしました。下図をご参照ください。尚、今回の変更で、1ピン標識を除き、製品についての互換性(寸法/公差), 外観, 動作特性, 品質, 信頼性への影響はありません。

変更内容

1ピン標識形状

現行

Metal Island
Chamfer DAP
Mouse bite DAP

変更後

Mouse bite DAP

理由: 1ピン標識形状 標準化の為

詳細: 今回の変更に伴い、下図のように QFN/SON パッケージ下面 1 ピン標識を"Mouse bite"DAP(マウスバイト DAP)形状に変更しました。

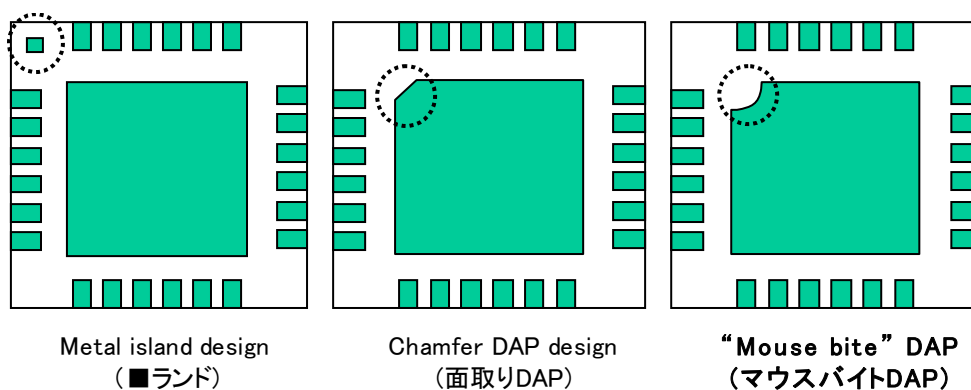


図1 1ピン標識の形状

対象製品リスト

対象製品名

□: 認定完了品 ■: 追加認定品

ADS1112IDRCR	BQ24751ARHDRG4	ONET4201LDRGET	TLV320AIC3101IRHBR	TPS62403DRCR
ADS1112IDRCRG4	BQ24751ARHDT	ONET4201LDRGETG4	TLV320AIC3101IRHBT	TPS62403DRCRG4
ADS1112IDRCT	BQ24751ARHDTG4	ONET4201PARGTR	TLV320AIC3103IRGZT	TPS62403DRCT
ADS1112IDRCTG4	BQ24751BRHDR	ONET4201PARGTRG4	TLV320AIC3104IRHBR	TPS62403DRCTG4
ADS1202IRGY	BQ24751BRHDRG4	ONET4201PARGTT	TLV320AIC3104IRHBT	TPS62410DRCR
ADS1203IRGTT	BQ24751BRHDT	ONET4201PARGTTG4	TLV320AIC3105IRHBR	TPS62410DRCRG4
ADS1204IRHBR	BQ24751BRHDTG4	ONET4211LDRGE	TLV320AIC3105IRHBT	TPS62410DRCT
ADS1204IRHBRG4	BQ24751RHDR	ONET4211LDRGER	TLV320AIC3106IRGZR	TPS62410DRCTG4
ADS1204IRHBT	BQ24751RHDRG4	ONET4211LDRGERG4	TLV320AIC3106IRGZT	TPS62420DRCR
ADS1204IRHBTG4	BQ24751RHDT	ONET4211LDRGET	TLV320AIC311IRHB	TPS62420DRCRG4
ADS1225IRGVR	BQ24751RHDTG4	ONET4211LDRGETG4	TLV320AIC311IRHBR	TPS62420DRCT
ADS1225IRGVRG4	BQ24753ARHDR	ONET4211PARGT	TLV320AIC311IRHBRG4	TPS62420DRCTG4
ADS1226IRGVR	BQ24753ARHDT	ONET4221PARTE	TLV320AIC311IRHBT	TPS62510DRCR
ADS1226IRGVRG4	BQ24753RHDR	ONET4251PARGTR	TLV320AIC311IRHBTG4	TPS62510DRCR/2801
ADS1226IRGVT	BQ24753RHDT	ONET4251PARGTRG4	TLV320AIC321IRHBR	TPS62510DRCRG4
ADS1226IRGVTG4	BQ2501ORHLR	ONET4251PARGTT	TLV320AIC321IRHBRG4	TPS62510DRCT
ADS1610IRGC	BQ2501ORHLRG4	ONET4251PARGTTG4	TLV320AIC321IRHBT	TPS62510DRCTG4
ADS5220RGZ	BQ26100DRPR	ONET4291PARGVR	TLV320AIC321IRHBTG4	TPS63000DRCR
ADS5221RGZ	BQ26100DRPRG4	ONET4291PARGVRG4	TLV320AIC331RGZ	TPS63000DRCRG4
ADS5641IRHB	BQ26501DRKR	ONET4291PARGVT	TLV320AIC331RGZR	TPS63000DRCT
ADS7826IDRBR	BQ27000DRKR	ONET4291PARGVTG4	TLV320AIC331RGZRG4	TPS63000DRCTG4
ADS7826IDBRG4	BQ27000DRKR	ONET9901PARGP	TLV320AIC331RGZT	TPS63001DRCR
ADS7826IDRBT	BQ27010DRKR	ONET9901PARGPG4	TLV320AIC331RGZTG4	TPS63001DRCRG4

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ADS7826IDRBTG4	BQ27010DRKRG4	ONET9901PARGT	TLV320DA26IRHBG4	TPS63001DRCT
ADS7827IDRBR	BQ27200DRKR	ONET9981LDRHB	TLV320DAC23IRHD	TPS63001DRCTG4
ADS7827IDBRG4	BQ27200DRKRG4	OPA2277AIDRM	TLV320DAC23IRHDG4	TPS63002DRCR
ADS7827IDRBT	BQ27210DRKR	OPA2277AIDRMT	TLV320DAC23IRHDR	TPS63002DRCRG4
ADS7827IDRBTG4	BQ27210DRKRG4	OPA2277AIDRMTG4	TLV320DAC23IRHDRG4	TPS63002DRCT
ADS7829IDRBR	BQ80201RGF	OPA2381AIDRBR	TLV320DAC23RHD	TPS63002DRCTG4
ADS7829IDBRBG4	BQ8020RGF	OPA2381AIDBRBG4	TLV320DAC23RHDRG4	TPS65010RGZR
ADS7829IDRBT	BUF05703RSAR	OPA2381AIDRBT	TLV320DAC23RHDR	TPS65010RGZRG4
ADS7829IDRBTG4	BUF05703RSAT	OPA2381AIDRBTG4	TLV320DAC23RHDRG4	TPS65010RGZT
ADS7829IDRBR	CDCM1802RGTR	OPA2727AIDRBR	TLV320DAC26IRHB	TPS65010RGZTG4
ADS7829IDBRBG4	CDCM1802RGTRG4	OPA2727AIDBRBG4	TLV320DAC26IRHBG4	TPS65011RGZR
ADS7829IDRBT	CDCM1802RGTT	OPA2727AIDRBT	TLV320DAC26IRHBR	TPS65011RGZRG4
ADS7829IDRBTG4	CDCM1802RGTTG4	OPA2727AIDRBTG4	TLV320DAC26IRHBRG4	TPS65012RGZR
ADS7846IRGVR	CLSD001IRTJR	OPA277AIDRM	TLVAIC3101IRHBG4	TPS65012RGZRG4
ADS7846IRGVRG4	DAC5332IRGCT	OPA277AIDRMRG4	TLVAIC3101IRHBTG4	TPS65012RGZT
ADS7846IRGVT	DAC7552IRGT	OPA277AIDRMT	TLVAIC3104IRHBG4	TPS65012RGZTG4
ADS7846IRGVTG4	DAC7552IRGTR	OPA277AIDRMTG4	TLVAIC3104IRHBTG4	TPS65013RGZR
ADS7861IRHB	DAC7552IRGTRG4	OPA381AIDRBR	TLVAIC3105IRHBG4	TPS65013RGZRG4
ADS7864IRGZ	DAC7552IRGTT	OPA381AIDBRBG4	TLVAIC3105IRHBTG4	TPS65013RGZT
ADS7881IRGZR	DAC7552IRGTTG4	OPA381AIDRBT	TLVAIC3106IRGZRG4	TPS65013RGZTG4
ADS7881IRGZRG4	DAC7553IRGTR	OPA381AIDRBTG4	TLVAIC3106IRGZTG4	TPS65014RGZR
ADS7881IRGZT	DAC7553IRGTRG4	OPA567AIRHGR	TPA2005D1DRBR	TPS65014RGZRG4
ADS7881IRGZTG4	DAC7553IRGTT	OPA567AIRHGRG4	TPA2005D1DRBRG4	TPS65014RGZT
ADS8325IDRBR	DAC7553IRGTTG4	OPA567AIRHGT	TPA2012D2RTJR	TPS65014RGZTG4
ADS8325IDBRBG4	DAC7558IRHBR	OPA567AIRHGTG4	TPA2012D2RTJRG4	TPS65021RHAR
ADS8325IDRBT	DAC7558IRHBG4	OPA727AIDRBR	TPA2012D2RTJT	TPS65030RHB
ADS8325IDRBTG4	DAC7558IRHBT	OPA727AIDBRBG4	TPA2012D2RTJTG4	TPS65100RGER
ADS8325IDRBR	DAC7558IRHBTG4	OPA727AIDRBT	TPA2042D2RGER	TPS65100RGERG4
ADS8325IDBRBG4	DAC7728SRTQR	OPA727AIDRBTG4	TPA2042D2RGET	TPS65105RGER
ADS8325IDRBT	DAC7728SRTQT	OPA728AIDRBR	TPA2050D4RHBR	TPS65105RGERG4
ADS8325IDRBTG4	DAC7811IDRCT	OPA728AIDBRBG4	TPA3100D2RGZR	TPS65110RGE
ADS8361IRHB	DAC7821IRGPT	OPA728AIDRBT	TPA3100D2RGZRG4	TPS65110RGE
ADS8361IRHBR	DAC7822IRTAR	OPA728AIDRBTG4	TPA4411MRTJR	TPS65110RGER
ADS8361IRHBG4	DAC7822IRTARG4	PADS7881IRGZ	TPA4411MRTJRG4	TPS65110RGERG4
ADS8361IRHBT	DAC7822IRTAT	PCM1774RGPR	TPA4411MRTJT	TPS65111RGE
ADS8361IRHBTG4	DAC7822IRTATG4	PCM1774RGPRG4	TPA4411MRTJTG4	TPS65111RGE
ADS8364IRGC	DAC8228SRTQR	PCM1774RGPT	TPA4411RTJR	TPS65111RGER
ADS8364IRGCR	DAC8228SRTQT	PCM1774RGPTG4	TPA4411RTJRG4	TPS65111RGERG4
ADS8364IRGCT	DAC8531IDRBR	PCM1777RHB	TPA4411RTJT	TPS65120RGTR
ADS8370IBRHPR	DAC8531IDBRBG4	PCM1777RHBR	TPA4411RTJTG4	TPS65120RGTRG4
ADS8370IBRHPRG4	DAC8531IDRBT	PCM1777RHBT	TPA6020A2RGWR	TPS65120RGTT
ADS8370IBRHPT	DAC8531IDRBTG4	PCM1870RHF	TPA6040A4RHBR	TPS65120RGTTG4
ADS8370IBRHPTG4	DAC8535IRTA	PCM1870RHFR	TPA6040A4RHBRG4	TPS65121RGTR
ADS8370IBRHPR	DAC8551IDRBR	PCM1870RHFRG4	TPA6041A4RHBR	TPS65121RGTRG4
ADS8370IBRHPRG4	DAC8551IDRBT	PCM1870RHFT	TPA6041A4RHBRG4	TPS65121RGTT
ADS8370IBRHPT	DAC8728SRTQR	PCM1870RHFTG4	TPA6043A4RHBR	TPS65121RGTTG4
ADS8370IBRHPTG4	DAC8728SRTQT	PCM3793ARHB	TPA6043A4RHBRG4	TPS65123RGTR
ADS8372IBRHPR	DAC8801IDRBR	PCM3793ARHBR	TPA6045A4CRHBR	TPS65123RGTRG4
ADS8372IBRHPRG4	DAC8801IDBRBG4	PCM3793ARHBRG4	TPA6045A4RHBR	TPS65123RGTT
ADS8372IBRHPT	DAC8801IDRBT	PCM3793ARHBT	TPA6047A4RHBR	TPS65123RGTTG4
ADS8372IBRHPTG4	DAC8801IDRBTG4	PCM3793ARHBTG4	TPA6047A4RHBRG4	TPS65124RGTR
ADS8372IBRHPR	DAC8811IDRBR	PCM3793RHBR	TPA6130A2RTJR	TPS65124RGTRG4
ADS8372IBRHPRG4	DAC8811IDBRBG4	PCM3793RHBRG4	TPA6130A2RTJRG4	TPS65124RGTT
ADS8372IBRHPT	DAC8811IDRBT	PCM3793RHBT	TPA6130A2RTJT	TPS65124RGTTG4
ADS8372IBRHPTG4	DAC8811IDRBTG4	PCM3793RHBTG4	TPA6130A2RTJTG4	TPS65130RGER
ADS8380IBRHPR	DAC8811IDRBR	PCM3794ARHB	TPA6201A1DRB	TPS65130RGERG4
ADS8380IBRHPRG4	DAC8811IDBRBG4	PCM3794ARHBR	TPA6201A1DRBG4	TPS65130RGET
ADS8380IBRHPT	DAC8811IDRBT	PCM3794ARHBRG4	TPA6201A1DRBR	TPS65130RGETG4
ADS8380IBRHPTG4	DAC8811IDRBTG4	PCM3794ARHBT	TPA6201A1DRBG4	TPS65131RGER
ADS8380IBRHPR	DAC8811IDRBT	PCM3794ARHBTG4	TPA6203A1DRB	TPS65131RGERG4
ADS8380IBRHPRG4	DAC8831IBRGYR	PCM3794RHBR	TPA6203A1DRBG4	TPS65131RGET
ADS8380IBRHPT	DAC8831IBRGYRG4	PCM3794RHBRG4	TPA6203A1DRBR	TPS65131RGETG4
ADS8380IBRHPTG4	DAC8831IBRGYT	PCM3794RHBT	TPA6203A1DRBG4	TPS65135RTER
ADS8382IBRHPR	DAC8831IBRGYTG4	PCM3794RHBTG4	TPA6204A1DRB	TPS65140RGER
ADS8382IBRHPRG4	DAC8831ICRGYR	PDC016RG26	TPA6204A1DRBG4	TPS65140RGERG4
ADS8382IBRHPT	DAC8831ICRGYRG4	PGA8501RHPR	TPA6204A1DRBR	TPS65145RGER

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ADS83821BRHPTG4	DAC88311CRGYT	PGA8501RHPT	TPA6204A1DRBRG4	TPS65145RGERG4
ADS83821RHPR	DAC88311CRGYTG4	PON11191VARGP	TPA6205A1DRBR	TPS65148RHBR
ADS83821RHPRG4	DAC88311RGYR	PONET11101TARGT	TPA6205A1DRBRG4	TPS65148RHBT
ADS83821RHPT	DAC88311RGYRG4	PONET3301PARGT	TPA6205A1DRBT	TPS65167ARHAR
ADS83821RHPTG4	DAC88311RGYT	PONET4201TARGT	TPA6205A1DRBTG4	TPS65167ARHARG4
ADS84101BRGZ	DAC88311RGYTG4	PONET4291PARGV	TPA6211A1DRB	TPS65167RHAR
ADS84101BRGZR	DAC88321BRGYR	PONET4291TARGP	TPA6211A1DRBG4	TPS65167RHARG4
ADS84101BRGZRG4	DAC88321BRGYRG4	PONET9901LDRHB	TPA6211A1DRBR	TPS65190RHDR
ADS84101BRGZT	DAC88321BRGYT	PONET9901PARGP	TPA6211A1DRBRG4	TPS65192RHDR
ADS84101BRGZTG4	DAC88321BRGYTG4	PONET9901TARGT	TPS386000RGPR	TPS65530ARSLR
ADS84101RGZ	DAC88321CRGYR	PTLV320A1C191RHB	TPS386000RGPT	TPS65530ARSLRG4
ADS84101RGZR	DAC88321CRGYRG4	PTLV320A1C191RHBR	TPS386020RGPR	TPS65530ARSLT
ADS84101RGZRG4	DAC88321CRGYT	PTPS65530ARSLR	TPS386020RGPT	TPS65530ARSLTG4
ADS84101RGZT	DAC88321CRGYTG4	PTPS65530ARSLT	TPS386040RGPR	TPS65530RSLR
ADS84101RGZTG4	DAC88321RGYR	PTRF12161RGTR	TPS386040RGPT	TPS65530RSLRG4
ADS84131BRGZR	DAC88321RGYRG4	PTSC21011RGZR-1	TPS386060RGPR	TPS65530RSLT
ADS84131BRGZRG4	DAC88321RGYT	PVSP5601RSH	TPS386060RGPT	TPS65530RSLTG4
ADS84131BRGZT	DAC88321RGYTG4	SN0401021DRCR	TPS40220DRP	TPS65550DRC
ADS84131BRGZTG4	DAC8881SRGER	SN0401021DRCRG4	TPS60230RGTR	TPS65552ARGTR
ADS84131RGZR	DAC8881SRGERG4	SN0403092DRBR	TPS60230RGTRG4	TPS65552ARGTRE3
ADS84131RGZRG4	DAC8881SRGET	SN0403092DRBRG4	TPS60230RGTT	TPS65552ARGTT
ADS84131RGZT	DAC8881SRGETG4	SN0404106RHBR	TPS60230RGTTG4	TPS65552RGTT
ADS84131RGZTG4	DAC8888EXP	SN0405032DRP	TPS60231RGTR	TPS65552RGTR
ADS84521BRGZR	DAC9881SRGER	SN0411045RHBR	TPS60231RGTRG4	TPS65552RGTRE3
ADS84521BRGZT	DAC9881SRGERG4	SN0708077DRPR	TPS60231RGTT	TPS65552RGTRG4
ADS84521RGZR	DAC9881SRGET	SN0708077DRPRG4	TPS60231RGTTG4	TPS65820RSHR
ADS84521RGZT	DAC9881SRGETG4	SN0803033RGTR	TPS60250RTER	TPS65820RSHRG4
ADS84711BRGZR	DAC9881SRGER	SN0803033RGTRG4	TPS60250RTERG4	TPS65820RSHT
ADS84711BRGZRG4	DAC9881SRGERG4	SN0803034RGER	TPS60250RTE	TPS65820RSHTG4
ADS84711BRGZT	DAC9881SRGET	SN0803034RGERG4	TPS60250RTEG4	TPS65825RSHR
ADS84711BRGZTG4	DAC9881SRGETG4	SN0803034RGTR	TPS60252RTER	TPS65825RSHT
ADS84711RGZR	DRV600RTJR	SN0907042RGER	TPS60252RTERG4	TPS71202DRCT
ADS84711RGZRG4	DRV600RTJRG4	SN105085RGW	TPS60252RTET	TPS71219DRCT
ADS84711RGZT	DRV600RTJT	SN105085RGWR	TPS60252RTETG4	TPS71229DRCT
ADS84711RGZTG4	DRV600RTJTG4	SN105085RGWRG4	TPS60255RTER	TPS71247DRCT
ADS84721BRGZR	DRV601RTJR	SN105208RHAR	TPS60255RTERG4	TPS71247DRCTG4
ADS84721BRGZRG4	DRV601RTJRG4	SN105226RHAR	TPS60255RTE	TPS71256DRCT
ADS84721BRGZT	DRV601RTJT	SN105250ARGZR	TPS60255RTEG4	TPS71257DRCT
ADS84721BRGZTG4	DRV601RTJTG4	SN105250ARGZRG4	TPS61020DRCR	TPS71533DRBR
ADS84721RGZR	HPA00045DRCR	SN105250RGZR	TPS61020DRCRG4	TPS715A01DRBR
ADS84721RGZRG4	HPA00073DRCR	SN105250RGZRG4	TPS61024DRCR	TPS715A01DRBRG4
ADS84721RGZT	HPA00091DRCR	SN105256RGER	TPS61024DRCRG4	TPS715A01DRBT
ADS84721RGZTG4	HPA000931RGZR	SN105256RGERG4	TPS61025DRCR	TPS715A01DRBTG4
ADS84811BRGZR	HPA00102DRCR	SN105257BRHBR	TPS61025DRCRG4	TPS715A33DRBR
ADS84811BRGZRG4	HPA00105DRBR	SN105257BRHBRE3	TPS61027DRCR	TPS715A33DRBRG4
ADS84811BRGZT	HPA00138RHLR	SN105258RGER	TPS61027DRCRG4	TPS715A33DRBT
ADS84811BRGZTG4	HPA00146RHFR	SN105258RGERG4	TPS61027DRCRSY	TPS715A33DRBTG4
ADS84811RGZR	HPA001681RHBR	SN212005DRCR	TPS61030RSAR	TPS73601DRBR
ADS84811RGZRG4	HPA00174DRBR	SN212005DRCRG4	TPS61030RSARG4	TPS73601DRBRG4
ADS84811RGZT	HPA00176BRHDR	SN239010DRPR	TPS61031RSAR	TPS73601DRBT
ADS84811RGZTG4	HPA00177DRBR	SN310023DRCR	TPS61031RSARG4	TPS73601DRBTG4
ADS84821BRGZR	HPA00178RTJR	SN55LBC180RSAR	TPS61032RSAR	TPS73633DRBR
ADS84821BRGZRG4	HPA00188DRCR	SN55LBC180RSAT	TPS61032RSARG4	TPS73633DRBRG4
ADS84821BRGZT	HPA00198DRBR	SN65LBC180RGVT	TPS61042DRBR	TPS73633DRBT
ADS84821BRGZTG4	HPA00202DRBR	SN65LBC180RSAR	TPS61042DRBRG4	TPS73633DRBTG4
ADS84821RGZR	HPA00203DRKR	SN65LBC180RSARG4	TPS61042DRBT	TPS740ZRGWR
ADS84821RGZRG4	HPA00205DRBR	SN65LBC180RSAT	TPS61042DRBTG4	TPS75003RHLR
ADS84821RGZT	HPA00211DRKR	SN65LBC180RSATG4	TPS61043DRBR	TPS75003RHLRG4
ADS84821RGZTG4	HPA00219RHBR	SN74AVCH8T245RGYR	TPS61043DRBRG4	TPS75003RHILT
ADS84841BRGZR	HPA00221RGTR	SN74GTL2010RGYR	TPS61043DRBT	TPS75003RHILTG4
ADS84841BRGZRG4	HPA00227RHILRG4	SN74LV4051ARGYR	TPS61043DRBTG4	TPS79628DRBR
ADS84841BRGZT	HPA00228RGTRG4	SN74LV4051ARGYRG4	TPS61045DRBR	TPS79628DRBRG4
ADS84841BRGZTG4	HPA00230MRTJRG4	SN75LBC180RSAR	TPS61045DRBRG4	TPS79628DRBT
ADS84841RGZR	HPA00238DRCR	SN75LBC180RSARG4	TPS61045DRBT	TPS79628DRBTG4
ADS84841RGZRG4	HPA00239DRCR	SN75LBC180RSAT	TPS61045DRBTG4	TPZ65120RGTR
ADS84841RGZT	HPA00241RHILR	SN75LBC180RSATG4	TPS61058DRCR	TRF12161RGPR

日本テキサス・インスツルメンツ株式会社

ADS8484IRGZTG4	HPA00242DRKR	SN75LVCP412RTJR	TPS61058DRCRG4	TRF1216IRGPRG3
A1C111RHB	HPA00246DRBR	SN75LVCP412RTJT	TPS61059DRCR	TRF1216IRGPT
A1C111RHBG4	HPA00247DRBR	SN761633RTAR	TPS61059DRCRG4	TRF1216IRGPTG3
A1C111RHBR	HPA00248HILR	SN761667RHAR	TPS61087DRCR	TRF3701IRHC
A1C111RHBRG4	HPA00249DRCR	SN761674RHBR	TPS61087DRCRG4	TRF3701IRHCG4
AMC78231RTAR	HPA00302DRBR	SN761674RHBRG4	TPS61087DRCT	TRF3701IRHCR
AMC78231RTARG4	HPA00355DRCR	SN761677RHA	TPS61087DRCTG4	TRF3701IRHCRG4
AMC78231RTAT	HPA00360DRBR	SN761677RHAR	TPS61090RSAR	TRF3702IRHC
AMC78231RTATG4	HPA00374DRKR	SN761677RHARG4	TPS61090RSARG4	TRF3702IRHCG4
BQ24001RGWR	HPA00379DRBR	THS4211DRB	TPS61091RSAR	TRF3702IRHCR
BQ24001RGWRG4	HPA00388RTER	THS4211DRBR	TPS61091RSARG4	TRF3702IRHCRG4
BQ24002RGWR	HPA00397RHFR	THS4211DRBRG4	TPS61092RSAR	TRF3750IRGP
BQ24003RGWR	HPA00398DRBR	THS4211DRBT	TPS61092RSARG4	TRF3750IRGPG4
BQ24007RGWR	HPA00419RGPR	THS4211DRBTG4	TPS61100RGER	TRF3750IRGPR
BQ24010ADRCR	HPA00425DRKR	THS4215DRB	TPS61100RGERG4	TRF3750IRGPRG4
BQ24010DRC	HPA00470A1DRBR	THS4215DRBR	TPS61103RGER	TS3A5018RGYR
BQ24010DRCR	HPA00480RHBR	THS4215DRBRG4	TPS61103RGERG4	TS3A5018RGYRG4
BQ24010DRCRG4	HPA00483DRBR	THS4215DRBT	TPS61106RGER	TSC2046EIRGVR
BQ24012DRC	HPA00499RHBR	THS4215DRBTG4	TPS61106RGERG4	TSC2046EIRGVRG4
BQ24012DRCR	HPA00514DRCR	THS4271DRBR	TPS61107RGER	TSC2046EIRGVT
BQ24012DRCRG4	HPA00519RGZR	THS4271DRBRG4	TPS61107RGERG4	TSC2046EIRGVTG4
BQ24013DRCR	HPA00538RHBTG4	THS4271DRBT	TPS61120RGVR	TSC2046IRGVR
BQ24013DRCRG4	HPA00539RHBR	THS4271DRBTG4	TPS61120RSAR	TSC2046IRGVRG4
BQ24014DRCR	HPA00546DRCR	THS4275DRBR	TPS61120RSARG4	TSC2046IRGVT
BQ24014DRCRG4	HPA00554DRBR	THS4275DRBRG4	TPS61121RGVR	TSC2046IRGVTG4
BQ24019DRCR	HPA00558DRCR	THS4275DRBT	TPS61121RSAR	TSC2100IRHB
BQ24020DRC	HPA00571RHILR	THS4275DRBTG4	TPS61121RSARG4	TSC2100IRHBG4
BQ24020DRCR	HPA00599DRKR	THS4302RGTR	TPS61130RGVR	TSC2100IRHBR
BQ24020DRCRG4	HPA00625DRCR	THS4302RGTRG4	TPS61130RSAR	TSC2100IRHBRG4
BQ24022DRCR	HPA00643DRBR	THS4302RGTT	TPS61130RSARG4	TSC2101IRGZ
BQ24022DRCRG4	HPA00650DRBR	THS4302RGTTG4	TPS61132RGVR	TSC2101IRGZG4
BQ24023DRCR	HPA00652RGTR	THS4303RGTR	TPS61132RSAR	TSC2101IRGZR
BQ24023DRCRG4	HPA007251RHFR	THS4303RGTT	TPS61132RSARG4	TSC2101IRGZRG4
BQ24024DRCR	HPA00753RGER	THS4303RGTTG4	TPS61180RTER	TSC2101IRGZ
BQ24024DRCRG4	HPA00801DRBR	THS6132RGWR	TPS61180RTERG4	TSC2111IRGZ
BQ24025DRCR	HPA00810RGTR-1/2	THS6132RGWRG4	TPS61180RTET	TSC2111IRGZR
BQ24025DRCRG4	LOG114A1RGVR	THS6182RHFR	TPS61180RTETG4	TSC2111IRGZRG4
BQ24026DRCR	LOG114A1RGVRG4	THS6182RHFRG4	TPS61181RTER	TSC2111IRGZT
BQ24026DRCRG4	LOG114A1RGVT	THS6182RHFT	TPS61181RTERG4	TSC2111IRGZTG4
BQ24072RGTR	LOG114A1RGVTG4	THS6182RHFTG4	TPS61181RTET	TSC2200IRHB
BQ24072RGTRG4	MSC1201Y2RHHR	THS6184RHFR	TPS61181RTETG4	TSC2200IRHBG4
BQ24072RGTT	MSC1201Y2RHHRG4	THS6184RHFRG4	TPS61182RTER	TSC2200IRHBR
BQ24072RGTTG4	MSC1201Y2RHHT	THS6184RHFT	TPS61182RTERG4	TSC2200IRHBRG4
BQ24073RGTR	MSC1201Y2RHHTG4	THS6184RHFTG4	TPS61182RTET	TSC2302IRGZ
BQ24073RGTRG4	MSC1201Y3RHHR	THS62141RHFR	TPS61182RTETG4	TSC2302IRGZG4
BQ24073RGTT	MSC1201Y3RHHRG4	THS62141RHFT	TPS61183RTJR	TSC2302IRGZR
BQ24073RGTTG4	MSC1201Y3RHHT	TLC073RGTT	TPS61183RTJT	TSC2302IRGZRG4
BQ24074RGTR	MSC1201Y3RHHTG4	TLC083RGTT	TPS61187RTJR	UCC27200DRMR
BQ24074RGTRG4	MSC1202Y2RHHR	TLC5940RHB	TPS61187RTJT	UCC27200DRMRG4
BQ24074RGTT	MSC1202Y2RHHRG4	TLC5940RHBG4	TPS61188RUYR	UCC27200DRMT
BQ24074RGTTG4	MSC1202Y2RHHT	TLC5940RHBR	TPS61188RUYT	UCC27200DRMTG4
BQ24075RGTR	MSC1202Y2RHHTG4	TLC5940RHBRG4	TPS61195RUYR	UCC27201DRMR
BQ24075RGTRG4	MSC1202Y3RHHR	TLC5940RHBT	TPS61195RUYT	UCC27201DRMRG4
BQ24075RGTT	MSC1202Y3RHHRG4	TLC5941RHB	TPS61200DRCR	UCC27201DRMT
BQ24075RGTTG4	MSC1202Y3RHHT	TLC5941RHBR	TPS61200DRCRG4	UCC27201DRMTG4
BQ24075TRGTR	MSC1202Y3RHHTG4	TLC5941RHBRG4	TPS61200DRCT	UCC28089DRBT
BQ24075TRGTT	MSP430A0391RHBR	TLC5941RHBT	TPS61200DRCTG4	UCC2897RTJR
BQ24079RGTR	MSP430A0391RHBT	TLC5941RHBTG4	TPS61201DRCR	UCC2897RTJRG4
BQ24079RGTT	MSP430A0581RHBR	TLC5945RHBR	TPS61201DRCRG4	UCC2897RTJT
BQ24079TRGTR	MSP430A0651RBHR	TLC5945RHBRG4	TPS61201DRCT	UCC2897RTJTG4
BQ24079TRGTT	MSP430F1101AIRGER	TLC5945RHBT	TPS61201DRCTG4	UCD3020RGZR
BQ24080DRCR	MSP430F1101AIRGET	TLC5945RHBTG4	TPS61202DRCR	UCD3020RGZT
BQ24080DRCRG4	MSP430F1111AIRGER	TLK1002ARGER	TPS61202DRCRG4	UCD9080RHBR
BQ24080DRCT	MSP430F1111AIRGET	TLK1002ARGERG4	TPS61202DRCT	UCD9080RHBRG4
BQ24080DRCTG4	MSP430F1121AIRGER	TLK1002ARGET	TPS61202DRCTG4	UCD9080RHBT
BQ24081DRCR	MSP430F1121AIRGET	TLK1002ARGETG4	TPS62020DRCR	UCD9080RHBTG4

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BQ24081DRCRG4	MSP430F1122IRHBR	TLK1002RGE	TPS62020DRCRG4	UCD9081RHBR
BQ24081DRCT	MSP430F1122IRHBT	TLK1002RGER	TPS62021DRCR	UCD9081RHBRG4
BQ24081DRCTG4	MSP430F1132IRHBR	TLK3311EARGT	TPS62021DRCRG4	UCD9081RHBT
BQ24230RGTR	MSP430F1132IRHBT	TLK4201EARGTR	TPS62026DRCR	UCD9081RHBTG4
BQ24230RGTRG4	MSP430F1222IRHBR	TLK4201EARGTRG4	TPS62026DRCRG4	UCD9220RHAT
BQ24230RGTT	MSP430F1222IRHBT	TLK4201EARGTT	TPS62040DRCR	VCA2615RGZR
BQ24230RGTTG4	MSP430F122IRHBR	TLK4201EARGTTG4	TPS62040DRCRG4	VCA2615RGZRG4
BQ24232RGTR	MSP430F122IRHBT	TLK4211EARGT	TPS62042DRCR	VCA2615RGZT
BQ24232RGTRG4	MSP430F1232IRHBR	TLK4211EARGTR	TPS62042DRCRG4	VCA2615RGZTG4
BQ24232RGTT	MSP430F1232IRHBT	TLK4211EARGTRG4	TPS62043DRCR	VCA2617RGZT
BQ24232RGTTG4	MSP430F123IRHBR	TLK4211EARGTT	TPS62043DRCRG4	VCA2617RHBR
BQ24235TRGTR	MSP430F123IRHBT	TLK4211EARGTTG4	TPS62044DRCR	VCA2617RHBRG4
BQ24235TRGTT	ONET11191PARGT	TLK6201EARGTR	TPS62044DRCRG4	VCA2617RHBT
BQ24703RHDR	ONET1191PBRGTR	TLK6201EARGTRG4	TPS62046DRCR	VCA2617RHBTG4
BQ24703RHDRG4	ONET1191PBRGTRG4	TLK6201EARGTT	TPS62046DRCRG4	XGSN105250RGZ
BQ24704RGER	ONET1191PBRGTT	TLK6201EARGTTG4	TPS62300DRCR	XSN0411045RHB
BQ24704RGET	ONET1191PBRGTTG4	TLV3203104IRHBR-LI	TPS62300DRCRG4	XSN0411045RHBR
BQ24705RGER	ONET1191PRGT	TLV3203104IRHBT-LI	TPS62301DRCR	XSN105208RHA
BQ24705RGERG4	ONET1191PRGTR	TLV320A23BIRHBRG4	TPS62301DRCRG4	XSN105208RHAR
BQ24705RGET	ONET1191PRGTRG4	TLV320AIC19IRHBR	TPS62302DRCR	XSN105226RHA
BQ24705RGETG4	ONET1191PRGTT	TLV320AIC19IRHBRG4	TPS62302DRCRG4	XSN105226RHAR
BQ24730RGFR	ONET1191PRGTTG4	TLV320AIC19IRHBT	TPS62303DRCR	XSN105250ARGZ
BQ24730RGFRG4	ONET2501PARGT	TLV320AIC19IRHBTG4	TPS62303DRCRG4	XSN105250ARGZR
BQ24730RGFT	ONET2501PARGTG4	TLV320AIC23BIRHD	TPS62304DRCR	XSN105250RGZ
BQ24730RGFTG4	ONET2501PARGTR	TLV320AIC23BIRHBRG4	TPS62304DRCRG4	XSN105250RGZR
BQ24740RHDR	ONET2501PARGTRG4	TLV320AIC23BIRHBR	TPS62305DRCR	XSN105256RGE
BQ24740RHDRG4	ONET2501PARGTT	TLV320AIC23BRHD	TPS62305DRCRG4	XSN105256RGER
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BQ24740RHDTG4	ONET2511PARGT	TLV320AIC23BRHBR	TPS62320DRCR	XSN105258RGE
BQ24741RHDR	ONET2511PARGTR	TLV320AIC23BRHBRG4	TPS62320DRCRG4	XSN761633RHA
BQ24741RHDT	ONET2511PARGTRG4	TLV320AIC26IRHB	TPS62321DRCR	XSN761633RHAR
BQ24745RHDR	ONET2511PARGTT	TLV320AIC26IRHBRG4	TPS62321DRCRG4	XSN761633RTA
BQ24745RHDRG4	ONET2511PARGTTG4	TLV320AIC26IRHBR	TPS62400DRCR	XSN761633RTAR
BQ24745RHDT	ONET3301PARGT	TLV320AIC26IRHBRG4	TPS62400DRCRG4	XSN761667RHAR
BQ24745RHDTG4	ONET3301PARGTR	TLV320AIC28IRGZ	TPS62400DRCT	XSN761674RHB
BQ24747RHDR	ONET3301PARGTRG4	TLV320AIC28IRGZG4	TPS62400DRCTG4	XSN761677RHA
BQ24747RHDT	ONET3301PARGTT	TLV320AIC28IRGZR	TPS62401DRCR	XSN761677RHAR
BQ24750ARHDR	ONET3301PARGTTG4	TLV320AIC28IRGZRG4	TPS62401DRCRG4	XSN761679RHA
BQ24750ARHDT	ONET3311EARGT	TLV320AIC28RGZ	TPS62401DRCT	XTLC5940RHB
BQ24750RHDR	ONET3311EARTW	TLV320AIC29IRGZ	TPS62401DRCTG4	XTPS65110RGE
BQ24750RHDRG4	ONET3311LRGER	TLV320AIC29IRGZR	TPS62402DRCR	XTPS65530RSL
BQ24750RHDT	ONET3311LRGET	TLV320AIC29IRGZRG4	TPS62402DRCRG4	XTPS65550DRG
BQ24750RHDTG4	ONET4201LDRGER	TLV320AIC29IRGZT	TPS62402DRCT	XTPS65550RGT
BQ24751ARHDR	ONET4201LDRGERG4	TLV320AIC29IRGZTG4	TPS62402DRCTG4	XTPS65552ARGTR

信頼性試験

信頼性試験結果

信頼性試験結果				
信頼性試験期間	開始	-	終了	2005 年 10 月 27 日
信頼性試験 - 試料構成詳細				
Qual Device:	Daisy Chain ***	Die Size (mils):	72 x 72	
Assembly Site:	CARSEM S-site	Package Type:	QFN	
Mount Compound:	435143	Mold Compound:	435370	
Bond Wire:	1.0 mil Dia., Au	Leadframe Finish, Base:	NiPdAu, Cu	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot1	Lot2	Lot3
**Autoclave	121C, 504 Hrs	77/0	77/0	77/0
**Temp Cycle	-65/150C, 1000 Cycles	77/0	77/0	77/0
**Thermal Shock	-55C/125C, 1000 Cycles	77/0	77/0	-
Note:				
** Preconditioning sequence: JEDEC Level 3, IR Reflow ,Peak Temp 260C, 3 Pass				
*** Daisy chain is designed to provide a continuous path through the package for easy testing for board reliability.				