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西新宿三井ビルディング

報告書番号：PCN#20090529000D

2009 年 10 月 27 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)QFNパッケージ 一部製品 組立サイト追加/Cu(銅)線ボンディングワイア変更のご案内(認定済 1856 製品への追加認定 129 製品の連絡)

(第五版 PCN20090529000X 2009 年 10 月 20 日発行)

(第四版 PCN20090529000C 2009 年 10 月 7 日発行, 第三版 PCN20090529000B 2009 年 9 月 15 日発行)

(第二版 PCN20090529000A 2009 年 8 月 17 日発行, 初版 PCN20090529000 2009 年 6 月 4 日発行)

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 1856製品への追加認定 129製品の連絡になります。 QFNパッケージ 一部製品 組立サイト追加/Cu(銅)線ボンディングワイア変更 現行：認定済みサイト, Au(金)線 ボンディングワイア 変更後：認定済みサイト, TI-Clark(フィリピン)サイト Au(金)線/Cu(銅)線ボンディングワイア(一部製品)	
対象製品	対象製品リスト参照	
変更時期	追加認定品(本通知)は 2009 年 12 月上旬の出荷より予定しています。 追加認定品(第五版)は 2010 年 4 月下旬の出荷より予定しています。 追加認定品(第四版)は 2010 年 1 月上旬の出荷より予定しています。 2009 年 9 月下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1856製品への追加認定129製品の連絡になります。弊社 HPA(ハイパフォーマンスアナログ)及びPWR(パワーマネジメント) QFNパッケージ 一部製品の組立サイトについて、安定供給確保の為に、TI-Clark(フィリピン)サイトを追加し認定しました。また、対象製品の一部につきましては、現行 Au(金)線 ボンディングワイアに替わり、Cu(銅)線 ボンディングワイアへ移行します。下表をご参照下さい。また、未認定品の出荷につきましては、弊社内変更審査が終了次第、本PCNの更新版として認定試験の結果を含め、変更品の出荷に先立つ30日以前に、変更通知の発行をもって連絡させていただきます。尚、今回の変更で、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	現行	変更後
組立サイト	認定済サイト	認定済サイト
		TI-Clark(フィリピン)
ボンディングワイア	Au(金)線	Au(金)線 Cu(銅)線 (一部製品)
チップ接着剤(部材番号)	435143/4205846/PZ0031	435143/4205846/PZ0031 (認定済サイト) 4207768 (TI-Clark)

理由: 安定供給確保の為

対象製品リスト

対象製品名 - Au(金)線ボンディングワイア				
■: 追加認定品 □: 認定完了品 薄字右詰: 未認定品				
ADS1112IDRCR	ADS8472IRGZTG4	HPA00142A1DRBRG4	THS4215DRBR	TPS53124RGETG4
ADS1112IDRCRG4	ADS8481IBRGZR	HPA00142A1DRBTG4	THS4215DRBRG4	TPS54621RGYR
ADS1112IDRCT	ADS8481IBRGZRG4	HPA00155RSAR	THS4215DRBT	TPS54621RGYT
ADS1112IDRCTG4	ADS8481IBRGZT	HPA00160RGWR	THS4215DRBTG4	TPS60230RGTR
ADS1203IRGTR	ADS8481IBRGZTG4	HPA00161RGWR	THS4271DRBR	TPS60230RGTRG4
ADS1203IRGTRG4	ADS8481IRGZR	HPA00168IRHBR	THS4271DRBRG4	TPS60230RGTT
ADS1203IRGTT	ADS8481IRGZRG4	HPA00176BRHDR	THS4271DRBT	TPS60230RGTTG4
ADS1203IRGTTG4	ADS8481IRGZT	HPA00199DRBR	THS4271DRBTG4	TPS60231RGTR
ADS1204IRHBR	ADS8481IRGZTG4	HPA00202DRBR	THS4275DRBR	TPS60231RGTRG4
ADS1204IRHBRG4	ADS8482IBRGZR	HPA00217A1DRBR	THS4275DRBRG4	TPS60231RGTT
ADS1204IRHBT	ADS8482IBRGZRG4	HPA00223IRHBR	THS4275DRBT	TPS60231RGTTG4
ADS1204IRHBTG4	ADS8482IBRGZT	HPA00234DRCRG4	THS4275DRBTG4	TPS61010DRCR
ADS1205IRGER	ADS8482IBRGZTG4	HPA00256K1RHBR	THS4302RGTR	TPS61010DRCRG4
ADS1205IRGERG4	ADS8482IRGZR	HPA00269IRHBR	THS4302RGTRG4	TPS61060DRBR
ADS1205IRGET	ADS8482IRGZRG4	HPA00399RHDR	THS4302RGTT	TPS61060DRBRG4
ADS1205IRGETG4	ADS8482IRGZT	HPA00419RGPR	THS4302RGTTG4	TPS61061DRBR
ADS1225IRGVR	ADS8482IRGZTG4	HPA00420RGVR	THS4303RGTR	TPS61061DRBRG4
ADS1225IRGVRG4	ADS8484IBRGZR	HPA00474RHBR	THS4303RGTRG4	TPS61062DRBR
ADS1225IRGVT	ADS8484IBRGZRG4	HPA00475RTQR	THS4303RGTT	TPS61062DRBRG4
ADS1225IRGVTG4	ADS8484IBRGZT	HPA00499RHBR	THS4303RGTTG4	TPS61103RGER
ADS1226IRGVR	ADS8484IBRGZTG4	HPA00503RGTR	THS4508RGTR	TPS61103RGERG4
ADS1226IRGVRG4	ADS8484IRGZR	HPA00504RGPR	THS4508RGTRG4	TPS61106RGER
ADS1226IRGVT	ADS8484IRGZRG4	HPA00530RGER	THS4508RGTT	TPS61106RGERG4
ADS1226IRGVTG4	ADS8484IRGZT	HPA00554DRBR	THS4508RGTTG4	TPS61107RGER
ADS5517IRGZR	ADS8484IRGZTG4	HPA00584RGWR	THS4509RGTR	TPS61107RGERG4
ADS5517IRGZRG4	AIC111RHB	HPA00643DRBR	THS4509RGTRG4	TPS61121RSAR
ADS5517IRGZT	AIC111RHBG4	HPA00650DRBR	THS4509RGTT	TPS61121RSARG4
ADS5517IRGZTG4	AIC111RHBR	HPA00664RGER	THS4509RGTTG4	TPS61130RSAR
ADS5525IRGZR	AIC111RHBRG4	HPA00702F128RHAR	THS4511RGTR	TPS61130RSARG4
ADS5525IRGZRG4	AMC1210IRHAR	LOG114A1RGVR	THS4511RGTRG4	TPS61132RSAR
ADS5525IRGZT	AMC1210IRHARG4	LOG114A1RGVRG4	THS4511RGTT	TPS61132RSARG4
ADS5525IRGZTG4	AMC1210IRHAT	LOG114A1RGVT	THS4511RGTTG4	TPS61140DRCR
ADS5527IRGZR	AMC1210IRHATG4	LOG114A1RGVTG4	THS4513RGTR	TPS61140DRCRG4
ADS5527IRGZRG4	BQ24001RGWR	MPD23698RHA	THS4513RGTRG4	TPS61140DRCT
ADS5527IRGZT	BQ24001RGWRG4	MSC1201Y2RHHR	THS4513RGTT	TPS61140DRCTG4
ADS5527IRGZTG4	BQ24002RGWR	MSC1201Y2RHHRG4	THS4513RGTTG4	TPS61141DRCR
ADS5545IRGZR	BQ24002RGWRG4	MSC1201Y2RHHT	THS4520RGTR	TPS61141DRCRG4
ADS5545IRGZRG4	BQ24003RGWR	MSC1201Y2RHHTG4	THS4520RGTRG4	TPS61141DRCT

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ADS5545IRGZT	BQ24003RGWRG4	MSC1201Y3RHHR	THS4520RGTT	TPS61141DRCTG4
ADS5545IRGZTG4	BQ24007RGWR	MSC1201Y3RHHRG4	THS4520RGTTG4	TPS61150ADRCR
ADS5546IRGZR	BQ24007RGWRG4	MSC1201Y3RHHT	THS6132RGWR	TPS61150ADRCRG4
ADS5546IRGZRG4	BQ24703RHDR	MSC1201Y3RHHTG4	THS6132RGWRG4	TPS61150ADRCT
ADS5546IRGZT	BQ24703RHDRG4	MSC1202Y2RHHR	TL16C2550IRHB	TPS61150ADRCTG4
ADS5546IRGZTG4	BQ24721CRHBR	MSC1202Y2RHHRG4	TL16C2550IRHBG4	TPS61150DRCR
ADS5547IRGZR	BQ24721CRHBRG4	MSC1202Y2RHHT	TL16C2550IRHBR	TPS61150DRCRG4
ADS5547IRGZRG4	BQ24721CRHBT	MSC1202Y2RHHTG4	TL16C2550IRHBRG4	TPS61150DRCT
ADS5547IRGZT	BQ24721CRHBTG4	MSC1202Y3RHHR	TL16C2550RHB	TPS61150DRCTG4
ADS5547IRGZTG4	BQ24740RHDR	MSC1202Y3RHHRG4	TL16C2550RHBG4	TPS61151DRCR
ADS5560IRGZR	BQ24740RHDRG4	MSC1202Y3RHHT	TL16C2550RHBR	TPS61151DRCRG4
ADS5560IRGZRG4	BQ24740RHDT	MSC1202Y3RHHTG4	TL16C2550RHBRG4	TPS61151DRCT
ADS5560IRGZT	BQ24740RHDTG4	MSP430F2274MRHATEP	TL16C550DIRHB	TPS61151DRCTG4
ADS5560IRGZTG4	BQ24741RHDR	ONET1101LRGER	TL16C550DIRHBG4	TPS62300DRCR
ADS5562IRGZR	BQ24741RHDT	ONET1101LRGERG4	TL16C550DIRHBR	TPS62300DRCRG4
ADS5562IRGZRG4	BQ24750ARHDR	ONET1101LRGET	TL16C550DIRHBRG4	TPS62301DRCR
ADS5562IRGZT	BQ24750ARHDT	ONET1101LRGETG4	TL16C550DRHB	TPS62301DRCRG4
ADS5562IRGZTG4	BQ24750RHDR	ONET1191VRGPR	TL16C550DRHBG4	TPS62302DRCR
ADS6122IRHBR	BQ24750RHDRG4	ONET1191VRGPRG4	TL16C550DRHBR	TPS62302DRCRG4
ADS6122IRHBRG4	BQ24750RHDT	ONET1191VRGPT	TL16C550DRHBRG4	TPS62303DRCR
ADS6122IRHBT	BQ24750RHDTG4	ONET1191VRGPTG4	TL16C752CIRHBR	TPS62303DRCRG4
ADS6122IRHBTG4	BQ24751BRHDR	ONET2501PARGTR	TL16C752CIRHBRG4	TPS62304DRCR
ADS6123IRHBR	BQ24751BRHDRG4	ONET2501PARGTRG4	TL16C752CRHBR	TPS62304DRCRG4
ADS6123IRHBRG4	BQ24751BRHDT	ONET2501PARGTT	TL16C752CRHBRG4	TPS62305DRCR
ADS6123IRHBT	BQ24751BRHDTG4	ONET2501PARGTTG4	TL16C752CRHBRG4	TPS62305DRCRG4
ADS6123IRHBTG4	BQ24751RHDR	ONET2511PARGTR	TL16C752CRHBRG4	TPS62320DRCR
ADS6124IRHBR	BQ24751RHDRG4	ONET2511PARGTRG4	TL16C752CRHBT	TPS62320DRCRG4
ADS6124IRHBRG4	BQ24751RHDT	ONET2511PARGTT	TL16C752CRHBTG4	TPS62321DRCR
ADS6124IRHBT	BQ24751RHDTG4	ONET2511PARGTTG4	TL16C752CRHBR	TPS62321DRCRG4
ADS6124IRHBTG4	BQ24753RHDR	ONET3301PARGTR	TL16C752CRHBRG4	TPS62351DRCR
ADS6125IRHBR	BQ24753RHDT	ONET3301PARGTRG4	TL16C752CRHBT	TPS62351DRCRG4
ADS6125IRHBRG4	BQ26100DRPR	ONET3301PARGTT	TL16C752CRHBTG4	TPS65110RGE
ADS6125IRHBT	BQ26100DRPRG4	ONET3301PARGTTG4	TL16C752CRHBTG4	TPS65110RGE
ADS6125IRHBTG4	BQ6400RGZR	ONET4201LDRGER	TLK1002ARGER	TPS65110RGER
ADS6128IRGZR	BQ6400RGZT	ONET4201LDRGERG4	TLK1002ARGET	TPS65110RGERG4
ADS6128IRGZRG4	BQ76PL102RGT	ONET4201LDRGET	TLK1002ARGETG4	TPS65111ARGE
ADS6128IRGZT	BQ76PL102RGTR	ONET4201LDRGETG4	TLK1101ERGPR	TPS65111ARGE
ADS6128IRGZTG4	BQ78PL114RGZR	ONET4201PARGTR	TLK1101ERGPRG4	TPS65111ARGE
ADS6129IRGZR	BQ78PL114RGZT	ONET4201PARGTRG4	TLK1101ERGPT	TPS65111ARGE
ADS6129IRGZRG4	BUF01900AIDRCR	ONET4201PARGTT	TLK1101ERGPTG4	TPS65111ARGE
ADS6129IRGZT	BUF01900AIDRCRG4	ONET4201PARGTTG4	TLK1102ERGER	TPS65111ARGE
ADS6129IRGZTG4	BUF01900AIDRCT	ONET4211LDRGER	TLK1102ERGET	TPS65111ARGE
ADS6142IRHBR	BUF01900AIDRCTG4	ONET4211LDRGERG4	TLK1221RHAR	TPS65111ARGE
ADS6142IRHBRG4	BUF01901AIDRCR	ONET4211LDRGET	TLK1221RHARG4	TPS65190RHDR
ADS6142IRHBT	BUF01901AIDRCRG4	ONET4211LDRGETG4	TLK1221RHAT	TPS65191RHBR
ADS6142IRHBTG4	BUF01901AIDRCT	ONET4251PARGTR	TLK1221RHATG4	TPS65192RHDR
ADS6143IRHBR	BUF01901AIDRCTG4	ONET4251PARGTRG4	TLK4201EARGTR	TPS715A01DRBR
ADS6143IRHBRG4	CC1020-WAVENIS	ONET4251PARGTT	TLK4201EARGTRG4	TPS715A01DRBRG4
ADS6143IRHBT	CC1020WRSS	ONET4251PARGTTG4	TLK4201EARGTT	TPS715A01DRBT
ADS6143IRHBTG4	CC1020WRSSR	ONET4291PARGVR	TLK4201EARGTTG4	TPS715A01DRBTG4
ADS6144IRHBR	CC1021RSS	ONET4291PARGVRG4	TLK4211EARGTR	TPS715A33DRBR
ADS6144IRHBRG4	CC1021RSSR	ONET4291PARGVT	TLK4211EARGTRG4	TPS715A33DRBRG4
ADS6144IRHBT	CC1021RSSRG4	ONET4291PARGVTG4	TLK4211EARGTT	TPS715A33DRBT
ADS6144IRHBTG4	CC1021-RTB1	ONET4291VARGPR	TLK4211EARGTTG4	TPS715A33DRBTG4
ADS6145IRHBR	CC1021-RTB1	ONET4291VARGPRG4	TLK6201EARGTR	TPS73525DRBR
ADS6145IRHBRG4	CC2520RHDR	ONET4291VARGPT	TLK6201EARGTRG4	TPS73525DRBRG4
ADS6145IRHBT	CC2520RHDRG4	ONET4291VARGPTG4	TLK6201EARGTT	TPS73525DRBT
ADS6145IRHBTG4	CC2520RHDT	ONET8501PBRGTR	TLK6201EARGTTG4	TPS73525DRBTG4
ADS6148IRGZR	CC2520RHDTG4	ONET8501PBRGTRG4	TLV3203104IRHBR-LI	TPS74201RGWR
ADS6148IRGZRG4	CC2530F128RHAR	ONET8501PBRGTT	TLV3203104IRHBT-LI	TPS74201RGWRG4
ADS6148IRGZT	CC2530F128RHAT	ONET8501PBRGTTG4	TLV320A23BIRHDRG4	TPS74201RGWT
ADS6148IRGZTG4	CC2590RGVVR	ONET8501PRGTR	TLV320A3204IRHBRG4	TPS74201RGWTG4
ADS6149IRGZR	CC2590RGVRG4	ONET8501PRGTRG4	TLV320A3254IRHBRG4	TPS74301RGWR
ADS6149IRGZRG4	CC2590RGVT	ONET8501PRGTT	TLV320ADC3101IRGER	TPS74301RGWRG4
ADS6149IRGZT	CC2590RGVTG4	ONET8501PRGTTG4	TLV320ADC3101IRGET	TPS74301RGWT
ADS6149IRGZTG4	CC2591RGVVR	ONET8501VRGPR	TLV320AIC12KIRHBR	TPS74301RGWTG4

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ADS61B23IRHBR	CC2591RGVRG4	ONET8501VRGPRG4	TLV320AIC12KIRHBT	TPS74401RGWR
ADS61B23IRHBRG4	CC2591RGVT	ONET8501VRGPT	TLV320AIC19IRHBR	TPS74401RGWRG4
ADS61B23IRHBT	CC2591RGVTG4	ONET8501VRGPTG4	TLV320AIC19IRHBRG4	TPS74401RGWT
ADS61B23IRHBTG4	CDC421100RGER	ONET8511PRGTR	TLV320AIC19IRHBT	TPS74401RGWTG4
ADS61B29IRGZR	CDC421100RGERG4	ONET8511PRGTRG4	TLV320AIC19IRHBTG4	TRF370315IRGER
ADS61B29IRGZT	CDC421100RGET	ONET8511PRGTT	TLV320AIC23BIRHD	TRF370315IRGERG4
ADS61B49IRGZR	CDC421100RGETG4	ONET8511PRGTTG4	TLV320AIC23BIRHDG4	TRF370315IRGET
ADS61B49IRGZT	CDC421106RGER	ONET9901PARGP	TLV320AIC23BIRHDR	TRF370315IRGETG4
ADS6222IRGZR	CDC421106RGERG4	ONET9901PARGPG4	TLV320AIC23BRHD	TRF370317IRGER
ADS6222IRGZRG4	CDC421106RGET	OPA2330AIDRBR	TLV320AIC23BRHDG4	TRF370317IRGERG4
ADS6222IRGZT	CDC421106RGETG4	OPA2330AIDBRG4	TLV320AIC23BRHDR	TRF370317IRGET
ADS6222IRGZTG4	CDC421125RGER	OPA2330AIDRBT	TLV320AIC23BRHDG4	TRF370317IRGETG4
ADS6223IRGZR	CDC421125RGERG4	OPA2330AIDRBTG4	TLV320AIC26IRHB	TRF370333IRGER
ADS6223IRGZRG4	CDC421125RGET	OPA2333AIDRBR	TLV320AIC26IRHBG4	TRF370333IRGERG4
ADS6223IRGZT	CDC421125RGETG4	OPA2333AIDBRG4	TLV320AIC26IRHBR	TRF370333IRGET
ADS6223IRGZTG4	CDC421156RGER	OPA2333AIDRBT	TLV320AIC26IRHBG4	TRF370333IRGETG4
ADS6224IRGZR	CDC421156RGERG4	OPA2333AIDRBTG4	TLV320AIC28IRGZ	TRF3710IRGZR
ADS6224IRGZRG4	CDC421156RGET	OPA2373AIDRCR	TLV320AIC28IRGZG4	TRF3710IRGZRG4
ADS6224IRGZT	CDC421156RGETG4	OPA2373AIDRCRG4	TLV320AIC28IRGZR	TRF3710IRGZT
ADS6224IRGZTG4	CDC421212RGER	OPA2373AIDRCT	TLV320AIC28IRGZRG4	TRF3710IRGZTG4
ADS6225IRGZR	CDC421212RGERG4	OPA2373AIDRCTG4	TLV320AIC29IRGZR	TRF3750IRGP
ADS6225IRGZRG4	CDC421212RGET	OPA2381AIDRBR	TLV320AIC29IRGZRG4	TRF3750IRGPG4
ADS6225IRGZT	CDC421212RGETG4	OPA2381AIDBRG4	TLV320AIC29IRGZT	TRF3750IRGPR
ADS6225IRGZTG4	CDC421250RGER	OPA2381AIDRBT	TLV320AIC29IRGZTG4	TRF3750IRGPRG4
ADS6242IRGZR	CDC421250RGERG4	OPA2381AIDRBTG4	TLV320AIC3000IRGZR	TRF3761-AIRHAR
ADS6242IRGZRG4	CDC421250RGET	OPA2673IRGVR	TLV320AIC3000IRGZT	TRF3761-AIRHARG4
ADS6242IRGZT	CDC421250RGETG4	OPA2673IRGVRG4	TLV320AIC3004IRHBR	TRF3761-AIRHAT
ADS6242IRGZTG4	CDC421312RGER	OPA2673IRGVT	TLV320AIC3004IRHBT	TRF3761-AIRHATG4
ADS6243IRGZR	CDC421312RGERG4	OPA2673IRGVTG4	TLV320AIC3101IRHBR	TRF3761-BIRHAR
ADS6243IRGZRG4	CDC421312RGET	OPA2677IRGVR	TLV320AIC3101IRHBT	TRF3761-BIRHARG4
ADS6243IRGZT	CDC421312RGETG4	OPA2677IRGVRG4	TLV320AIC3104IRHBR	TRF3761-BIRHAT
ADS6243IRGZTG4	CDC7005RGZR	OPA2677IRGVT	TLV320AIC3104IRHBT	TRF3761-BIRHATG4
ADS6244IRGZR	CDC7005RGZRG4	OPA2677IRGVTG4	TLV320AIC3105IRHBR	TRF3761-CIRHAR
ADS6244IRGZRG4	CDC7005RGZT	OPA2695IRGTR	TLV320AIC3105IRHBT	TRF3761-CIRHARG4
ADS6244IRGZT	CDC7005RGZTG4	OPA2695IRGTRG4	TLV320AIC3106IRGZR	TRF3761-CIRHAT
ADS6244IRGZTG4	CDCE18005RGZR	OPA2695IRGTT	TLV320AIC3106IRGZT	TRF3761-CIRHATG4
ADS6245IRGZR	CDCE18005RGZT	OPA2695IRGTTG4	TLV320AIC3111IRHBR	TRF3761-DIRHAR
ADS6245IRGZRG4	CDCE421RGER	OPA2727AIDRBR	TLV320AIC3111IRHBT	TRF3761-DIRHARG4
ADS6245IRGZT	CDCE421RGERG4	OPA2727AIDBRG4	TLV320AIC31IRHBR	TRF3761-DIRHAT
ADS6245IRGZTG4	CDCE421RGET	OPA2727AIDRBT	TLV320AIC31IRHBG4	TRF3761-DIRHATG4
ADS7229IRSAR	CDCE421RGETG4	OPA2727AIDRBTG4	TLV320AIC31IRHBT	TRF3761-EIRHAR
ADS7229IRSARG4	CDCE62005RGZR	OPA381AIDRBR	TLV320AIC31IRHBTG4	TRF3761-EIRHARG4
ADS7229IRSAT	CDCE62005RGZT	OPA381AIDBRG4	TLV320AIC3204IRHBR	TRF3761-EIRHAT
ADS7229IRSATG4	CDCL1810RGZR	OPA381AIDRBT	TLV320AIC3204IRHBT	TRF3761-EIRHATG4
ADS7230IRSAR	CDCL1810RGZRG4	OPA381AIDRBTG4	TLV320AIC3254IRHBR	TRF3761-FIRHAR
ADS7230IRSARG4	CDCL1810RGZT	OPA653IDRBR	TLV320AIC3254IRHBT	TRF3761-FIRHARG4
ADS7230IRSAT	CDCL1810RGZTG4	OPA653IDRBT	TLV320AIC32IRHBR	TRF3761-FIRHAT
ADS7230IRSATG4	CDCL6010RGZR	OPA659IDRBR	TLV320AIC32IRHBG4	TRF3761-FIRHATG4
ADS7279IRSAR	CDCL6010RGZRG4	OPA659IDRBT	TLV320AIC32IRHBT	TRF3761-GIRHAR
ADS7279IRSARG4	CDCL6010RGZT	OPA727AIDRBR	TLV320AIC32IRHBTG4	TRF3761-GIRHARG4
ADS7279IRSAT	CDCL6010RGZTG4	OPA727AIDBRG4	TLV320AIC33IRGZR	TRF3761-GIRHAT
ADS7279IRSATG4	CDCLVD110ARHBR	OPA727AIDRBT	TLV320AIC33IRGZRG4	TRF3761-GIRHATG4
ADS7280IRSAR	CDCLVD110ARHBRG4	OPA727AIDRBTG4	TLV320AIC33IRGZT	TRF3761-HIRHAR
ADS7280IRSARG4	CDCLVD110ARHBT	OPA728AIDRBR	TLV320AIC33IRGZTG4	TRF3761-HIRHARG4
ADS7280IRSAT	CDCLVD110ARHBTG4	OPA728AIDBRG4	TLV320DA261RHBG4	TRF3761-HIRHAT
ADS7280IRSATG4	CDCLVP111IRHBR	OPA728AIDRBT	TLV320DAC23IRHD	TRF3761-HIRHATG4
ADS7826IDRBR	CDCLVP111IRHBT	OPA728AIDRBTG4	TLV320DAC23IRHDG4	TRF3761-JIRHAR
ADS7826IDBRG4	CDCLVP215RHB	PCM1774RGPR	TLV320DAC23IRHDR	TRF3761-JIRHARG4
ADS7826IDRBT	CDCLVP215RHT	PCM1774RGPRG4	TLV320DAC23IRHDRG4	TRF3761-JIRHAT
ADS7826IDRBTG4	CDCM1802RGTR	PCM1774RGPT	TLV320DAC23RHD	TRF3761-JIRHATG4
ADS7827IDRBR	CDCM1802RGTRG4	PCM1774RGPTG4	TLV320DAC23RHDG4	TRF3762-EIRHAR
ADS7827IDBRG4	CDCM1802RGTT	PCM3793ARHBR	TLV320DAC23RHDR	TRF3762-EIRHARG4
ADS7827IDRBT	CDCM1802RGTTG4	PCM3793ARHBG4	TLV320DAC23RHDRG4	TRF3762-EIRHAT
ADS7827IDRBTG4	CDCM1804RGER	PCM3793ARHBT	TLV320DAC26IRHB	TRF3762-EIRHATG4
ADS7829IDRBR	CDCM1804RGERG4	PCM3793ARHBTG4	TLV320DAC26IRHBG4	TRF7904RGPR
ADS7829IDBRG4	CDCM1804RGET	PCM3793RHBR	TLV320DAC26IRHBR	TRF7904RGPRG4

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ADS7829IBDRBT	CDCM1804RGETG4	PCM3793RHBRG4	TLV320DAC26IRHBRG4	TRF7904RGPT
ADS7829IBDRBTG4	CDCM61001RHBR	PCM3793RHBT	TLV320DAC32IRHBR	TRF7904RGPTG4
ADS7829IDRBR	CDCM61001RHBR/2801	PCM3793RHBTG4	TLV320DAC32IRHBRG4	TS2DP512ARTQR
ADS7829IDRBRG4	CDCM61001RHBT	PCM3794ARHBR	TLV320DAC32IRHBT	TS2DP512ARTQT
ADS7829IDRBT	CDCM61002RHBR	PCM3794ARHBRG4	TLV320DAC32IRHBTG4	TS2DP512RTQR
ADS7829IDRBTG4	CDCM61002RHBT	PCM3794ARHBT	TLVAIC12KIRHBRG4	TS2DP512RTQRG4
ADS7846IRGVR	CDCM61004RHBR	PCM3794ARHBTG4	TLVAIC12KIRHBTG4	TS2DP512RTQT
ADS7846IRGVRG4	CDCM61004RHBR/2801	PCM3794RHBR	TLVAIC30001RGZRG4	TS2DP512RTQTG4
ADS7846IRGVT	CDCM61004RHBT	PCM3794RHBRG4	TLVAIC30001RGZTG4	TSC2008IRGVR
ADS7846IRGVTG4	CDCM7005RGZR	PCM3794RHBT	TLVAIC3101IRHBRG4	TSC2008IRGVT
ADS7861IBRHBR	CDCM7005RGZRG4	PCM3794RHBTG4	TLVAIC3101IRHBTG4	TSC2046EIRGVR
ADS7861IBRHBRG4	CDCM7005RGZT	PTLV320AIC191RHBR	TLVAIC3104IRHBRG4	TSC2046EIRGVRG4
ADS7861IBRHBT	CDCM7005RGZTG4	SN0305042RTHR	TLVAIC3104IRHBTG4	TSC2046EIRGVT
ADS7861IBRHBTG4	CDCP1803MRGETEP	SN0305042RHTT	TLVAIC3105IRHBRG4	TSC2046EIRGVTG4
ADS7861IRHBR	CDCP1803RGER	SN0403092DRBR	TLVAIC3105IRHBTG4	TSC2046IRGVR
ADS7861IRHBRG4	CDCP1803RGERG4	SN0403092DRBRG4	TLVAIC31061RGZRG4	TSC2046IRGVRG4
ADS7861IRHBT	CDCP1803RGET	SN0405032DRPR	TLVAIC31061RGZTG4	TSC2046IRGVT
ADS7861IRHBTG4	CDCP1803RGETG4	SN0405032DRPRG4	TMDS141RHAR	TSC2046IRGVTG4
ADS7863IRGER	CDCU877ARHAR	SN0708077DRPR	TMDS141RHARG4	TSC2100IRHB
ADS7863IRGERG4	CDCU877ARHARG4	SN0708077DRPRG4	TPA2005D1DRBR	TSC2100IRHBG4
ADS7863IRGET	CDCU877ARHAT	SN0803033RGTR	TPA2005D1DRBRG4	TSC2100IRHBR
ADS7863IRGETG4	CDCU877ARHATG4	SN0803033RGTRG4	TPA2006D1DRBR	TSC2100IRHBRG4
ADS7881IRGZR	CDCU877RHAR	SN0803034RGER	TPA2006D1DRBRG4	TSC2101IRGZ
ADS7881IRGZRG4	CDCU877RHARG4	SN0803034RGERG4	TPA2006D1DRBT	TSC2101IRGZG4
ADS7881IRGZT	CDCU877RHAT	SN0806081RHBR	TPA2006D1DRBTG4	TSC2101IRGZR
ADS7881IRGZTG4	CDCU877RHATG4	SN0806081RHBRG4	TPA5050RSAR	TSC2101IRGZRG4
ADS8325IBDRBR	CDCU877RTBR	SN0808087RHAR	TPA5050RSARG4	TSC2111IRGZR
ADS8325IBDRBRG4	CDCVF857RHAR	SN105085RGWR	TPA5050RSAT	TSC2111IRGZRG4
ADS8325IBDRBT	CDCVF857RHARG4	SN105085RGWRG4	TPA5050RSATG4	TSC2111IRGZT
ADS8325IBDRBTG4	CDCVF857RHAT	SN65LBC180RSAR	TPA5051RSAR	TSC2111IRGZTG4
ADS8325IDRBR	CDCVF857RHATG4	SN65LBC180RSARG4	TPA5051RSARG4	TSC2111IRGZT
ADS8325IDRBRG4	DAC7552IRGTR	SN65LBC180RSAT	TPA5051RSAT	TSC2111IRGZT
ADS8325IDRBT	DAC7552IRGTRG4	SN65LBC180RSATG4	TPA5051RSATG4	TSC2200IRHB
ADS8325IDRBTG4	DAC7552IRGTT	SN65LV1023ARHBR	TPA5052RSAR	TSC2200IRHBG4
ADS8327IBRSAR	DAC7552IRGTTG4	SN65LV1023ARHBRG4	TPA5052RSARG4	TSC2200IRHBR
ADS8327IBRSARG4	DAC7553IRGTR	SN65LV1023ARHBT	TPA5052RSAT	TSC2200IRHBRG4
ADS8327IBRSAT	DAC7553IRGTRG4	SN65LV1224BRHBR	TPA5052RSATG4	TSC2302IRGZ
ADS8327IBRSATG4	DAC7553IRGTT	SN65LV1224BRHBRG4	TPS2358RGZR	TSC2302IRGZG4
ADS8327IRSAR	DAC7553IRGTTG4	SN65LV1224BRHBT	TPS2358RGZRG4	TSC2302IRGZR
ADS8327IRSARG4	DAC7558IRHBR	SN65LV1224BRHBTG4	TPS2358RGZT	TSC2302IRGZRG4
ADS8327IRSAT	DAC7558IRHBRG4	SN65LVP202RGER	TPS2358RGZTG4	TUSB2046BIRHBR
ADS8327IRSATG4	DAC7558IRHBT	SN65LVP202RGET	TPS2359RHHR	TUSB2046BIRHBRG4
ADS8328IBRSAR	DAC7558IRHBTG4	SN65LVP204RGZR	TPS2359RHHRG4	TUSB2046BIRHBT
ADS8328IBRSARG4	DAC8531IDRBR	SN65LVP204RGZT	TPS2359RHHT	TUSB2046BIRHBTG4
ADS8328IBRSAT	DAC8531IDRBRG4	SN65LVP402RGER	TPS2359RHHTG4	TUSB3410IRHB
ADS8328IBRSATG4	DAC8531IDRBT	SN65LVP402RGERG4	TPS2458RHBR	TUSB3410IRHBG4
ADS8328IRSAR	DAC8531IDRBTG4	SN65LVP402RGET	TPS2458RHBT	TUSB3410IRHBR
ADS8328IRSARG4	DAC8801IDRBR	SN65LVP402RGETG4	TPS2459RHBR	TUSB3410IRHBRG4
ADS8328IRSAT	DAC8801IDRBRG4	SN65LVP404RGZR	TPS2459RHBT	TUSB3410RHB
ADS8328IRSATG4	DAC8801IDRBT	SN65LVP404RGZRG4	TPS28225DRBR	TUSB3410RHBG4
ADS8329IBRSAR	DAC8801IDRBTG4	SN65LVP404RGZT	TPS28225DRBRG4	TUSB3410RHBR
ADS8329IBRSARG4	DAC8811IDRBR	SN65LVP404RGZTG4	TPS28225DRBT	TUSB3410RHBRG4
ADS8329IBRSAT	DAC8811IDRBRG4	SN65LVP40RGZ	TPS28225DRBTG4	UCD3020RGZR
ADS8329IBRSATG4	DAC8811IDRBT	SN65LVP40RGZG4	TPS28226DRBR	UCD3020RGZT
ADS8329IRSAR	DAC8811IDRBTG4	SN65LVP40RGZR	TPS28226DRBRG4	UCD3028RHAR
ADS8329IRSARG4	DAC8811IDRBR	SN65LVP40RGZRG4	TPS28226DRBT	UCD3028RHAT
ADS8329IRSAT	DAC8811IDRBRG4	SN65LVP40RGZT	TPS28226DRBTG4	UCD9080RHBR
ADS8329IRSATG4	DAC8811IDRBT	SN65LVP40RGZTG4	TPS40090RHDR	UCD9080RHBRG4
ADS8330IBRSAR	DAC8811IDRBTG4	SN65LVD315RGER	TPS40090RHDRG4	UCD9080RHBT
ADS8330IBRSARG4	DAC8831IBRGYR	SN65LVD315RGERG4	TPS40090RHDT	UCD9080RHBTG4
ADS8330IBRSAT	DAC8831IBRGYRG4	SN65LVD315RGET	TPS40090RHDTG4	UCD9081RHBR
ADS8330IBRSATG4	DAC8831IBRGYT	SN65LVD315RGETG4	TPS40091RHDR	UCD9081RHBRG4
ADS8330IRSAR	DAC8831IBRGYTG4	SN65MLVD2DRBR	TPS40091RHDRG4	UCD9081RHBT
ADS8330IRSARG4	DAC8831ICRGYR	SN65MLVD2DRBRG4	TPS40091RHDT	UCD9081RHBTG4
ADS8330IRSAT	DAC8831ICRGYRG4	SN65MLVD2DRBT	TPS40091RHDTG4	UCD9112RHBR
ADS8330IRSATG4	DAC8831ICRGYT	SN65MLVD2DRBTG4	TPS40210DCRCR	UCD9112RHBRG4

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ADS8361IRHBR	DAC8831ICRGYTG4	SN65MLVD3DRBR	TPS4021ODRCRG4	UCD9112RHBT
ADS8361IRHBRG4	DAC8831IRGYR	SN65MLVD3DRBRG4	TPS4021ODRCT	UCD9112RHBTG4
ADS8361IRHBT	DAC8831IRGYRG4	SN65MLVD3DRBT	TPS4021ODRCTG4	UCD9125RHBR
ADS8361IRHBTG4	DAC8831IRGYT	SN65MLVD3DRBTG4	TPS40211DRCR	UCD9125RHBRG4
ADS8410IBRGZR	DAC8831IRGYTG4	SN75DP118RHHR	TPS40211DRCRG4	UCD9125RHBT
ADS8410IBRGZRG4	DAC8832IBRGYR	SN75DP118RHHRG4	TPS40211DRCT	UCD9125RHBTG4
ADS8410IBRGZT	DAC8832IBRGYRG4	SN75DP118RHHT	TPS40211DRCTG4	UCD9211RHAR
ADS8410IBRGZTG4	DAC8832IBRGYT	SN75DP118RHHTG4	TPS51103DRCR	UCD9211RHAT
ADS8410IRGZR	DAC8832IBRGYTG4	SN75DP122ARTQR	TPS51103DRCRG4	UCD9212RHAR
ADS8410IRGZRG4	DAC8832ICRGYR	SN75DP122ARTQT	TPS51103DRCT	UCD9212RHAT
ADS8410IRGZT	DAC8832ICRGYRG4	SN75DP122RTQR	TPS51103DRCTG4	UCD9220RGZR
ADS8410IRGZTG4	DAC8832ICRGYT	SN75DP122RTQRG4	TPS51113DRCR	UCD9220RGZT
ADS8413IBRGZR	DAC8832ICRGYTG4	SN75DP122RTQT	TPS51113DRCT	UCD9324RGZR
ADS8413IBRGZRG4	DAC8832IRGYR	SN75DP122RTQTG4	TPS51163DRCR	UCD9324RGZT
ADS8413IBRGZT	DAC8832IRGYRG4	SN75DP128ARTQR	TPS51163DRCT	V62/08631-01XE
ADS8413IBRGZTG4	DAC8832IRGYT	SN75DP128ARTQT	TPS51220RHBR	V62/09619-01XE
ADS8413IRGZR	DAC8832IRGYTG4	SN75DP128RTQR	TPS51220RHBRG4	VCA2615RGZR
ADS8413IRGZRG4	DAC8881SRGER	SN75DP128RTQRG4	TPS51220RHBT	VCA2615RGZRG4
ADS8413IRGZT	DAC8881SRGERG4	SN75DP128RTQT	TPS51220RHBTG4	VCA2615RGZT
ADS8413IRGZTG4	DAC8881SRGET	SN75DP128RTQTG4	TPS51610IRHBR	VCA2615RGZTG4
ADS8471IBRGZR	DAC8881SRGETG4	SN75DP129RHHR	TPS51610IRHBT	VCA2617RHBR
ADS8471IBRGZRG4	DAC9881SBRGER	SN75DP129RHHRG4	TPS51610RHBR	VCA2617RHBRG4
ADS8471IBRGZT	DAC9881SBRGERG4	SN75DP129RHHT	TPS51610RHBRG4	VCA2617RHBT
ADS8471IBRGZTG4	DAC9881SBRGET	SN75DP129RHHTG4	TPS51610RHBT	VCA2617RHBTG4
ADS8471IRGZR	DAC9881SBRGETG4	SN75DP139RGZR	TPS51620RHAR	XTR111A1DRCR
ADS8471IRGZRG4	DAC9881SRGER	SN75DP139RGZT	TPS51620RHARG4	XTR111A1DRCRG4
ADS8471IRGZT	DAC9881SRGERG4	SN75LBC180RSAR	TPS51620RHAT	XTR111A1DRCT
ADS8471IRGZTG4	DAC9881SRGET	SN75LBC180RSARG4	TPS51620RHATG4	XTR111A1DRCTG4
ADS8472IBRGZR	DAC9881SRGETG4	SN75LBC180RSAT	TPS51727RHAR	XTR117A1DRBR
ADS8472IBRGZRG4	DRV401A1RGWR	SN75LBC180RSATG4	TPS51727RHARG4	XTR117A1DRBRG4
ADS8472IBRGZT	DRV401A1RGWRG4	SNLV1023ARHBTG4	TPS51727RHAT	XTR117A1DRBT
ADS8472IBRGZTG4	DRV401A1RGWT	THS4211DRBR	TPS51727RHATG4	XTR117A1DRBTG4
ADS8472IRGZR	DRV401A1RGWTG4	THS4211DRBRG4	TPS53124RGER	
ADS8472IRGZRG4	HPA00093IRGZR	THS4211DRBT	TPS53124RGERG4	
ADS8472IRGZT	HPA00108RHBR	THS4211DRBTG4	TPS53124RGET	

対象製品名 - Cu(銅)線ボンディングワイヤ				
■ : 追加認定品 □ : 認定完了品 薄字右詰 : 未認定品				
BQ24010ADRCR	SNO512022DRBG4	TPS40130RHBT	TPS62046DRCRG4	TPS65140RGERG4
BQ24010DRCR	SNO512022DRBT	TPS40130RHBTG4	TPS62110MRSAREP	TPS65141RGER
BQ24010DRCRG4	SNO512022DRBTG4	TPS40131RHBR	TPS62110RSAR	TPS65141RGERG4
BQ24012DRCR	SNO603044RSAR	TPS40131RHBRG4	TPS62110RSARG4	TPS65145RGER
BQ24012DRCRG4	SNO603044RSARG4	TPS40131RHBT	TPS62110RSAT	TPS65145RGERG4
BQ24013DRCR	SNO604023DRCR	TPS40131RHBTG4	TPS62110RSATG4	TPS65146RGER
BQ24013DRCRG4	SNO604023DRCRG4	TPS40132RHBR	TPS62111MRSAREP	TPS65148RHBR
BQ24014DRCR	SNO604023DRCT	TPS40132RHBRG4	TPS62111RSAR	TPS65148RHBT
BQ24014DRCRG4	SNO604023DRCTG4	TPS40132RHBT	TPS62111RSARG4	TPS65150RGER
BQ24018DRCR	SNO604069DRCR	TPS40132RHBTG4	TPS62111RSAT	TPS65150RGERG4
BQ24018DRCRG4	SNO604069DRCRG4	TPS40140RHHR	TPS62111RSATG4	TPS65162RGZR
BQ24018DRCT	SNO607046DRCR	TPS40140RHHR/2801	TPS62112MRSAREP	TPS65162RGZRG4
BQ24018DRCTG4	SNO607046DRCRG4	TPS40140RHHRG4	TPS62112RSAR	TPS65166RHAR
BQ24020DRCR	SNO608010RGER	TPS40140RHHT	TPS62112RSARG4	TPS65167ARHAR
BQ24020DRCRG4	SNO608010RGERG4	TPS40140RHHTG4	TPS62112RSAT	TPS65167ARHARG4
BQ24022DRCR	SNO608098RHBR	TPS40180RGER	TPS62112RSATG4	TPS65167RHAR
BQ24022DRCRG4	SNO608098RHBRG4	TPS40180RGERG4	TPS62113RSAR	TPS65167RHARG4
BQ24023DRCR	SNO611035DRPR	TPS40180RGET	TPS62113RSAT	TPS65167RHAT
BQ24023DRCRG4	SNO611035DRPRG4	TPS40180RGETG4	TPS62355DRCR	TPS65167RHATG4
BQ24024DRCR	SNO701013DRCR	TPS40190DRCR	TPS62355DRCRG4	TPS65171RHAR
BQ24024DRCRG4	SNO701013DRCRG4	TPS40190DRCRG4	TPS62400DRCR	TPS65510RGTR
BQ24025DRCR	SNO701064RHBR	TPS40190DRCT	TPS62400DRCRG4	TPS65510RGTRG4
BQ24025DRCRG4	SNO701064RHBRG4	TPS40190DRCTG4	TPS62400DRCT	TPS65510RGTT
BQ24026DRCR	SNO706026RHHR	TPS40192DRCR	TPS62400DRCTG4	TPS65510RGTTG4
BQ24026DRCRG4	SNO706026RHHRG4	TPS40192DRCRG4	TPS62401DRCR	TPS65530ARSLR
BQ24027DRCR	SNO802043RHBR	TPS40192DRCT	TPS62401DRCRG4	TPS65530ARSLRG4
BQ24027DRCRG4	SNO802043RHBRG4	TPS40192DRCTG4	TPS62401DRCT	TPS65530ARSLT
BQ24027DRCT	SNO803054DRCR	TPS40193DRCR	TPS62401DRCTG4	TPS65530ARSLTG4
BQ24027DRCTG4	SNO803054DRCRG4	TPS40193DRCRG4	TPS62402DRCR	TPS65530RSLR
BQ24060DRCR	SNO804022RGER	TPS40193DRCT	TPS62402DRCRG4	TPS65530RSLRG4
BQ24060DRCRG4	SNO804022RGERG4	TPS40193DRCTG4	TPS62402DRCT	TPS65530RSLT
BQ24060DRCT	SNO804022RGET	TPS40200DRBR	TPS62402DRCTG4	TPS65530RSLTG4
BQ24060DRCTG4	SNO804022RGETG4	TPS40200DRBT	TPS62403DRCR	TPS65560RGTR
BQ24061DRCR	SNO805013DRCR	TPS40222DRPR	TPS62403DRCRG4	TPS65560RGTRG4
BQ24061DRCRG4	SNO805013DRCRG4	TPS40222DRPRG4	TPS62403DRCT	TPS65560RGTT
BQ24061DRCT	SNO805016DRBR	TPS40222DRPT	TPS62403DRCTG4	TPS65560RGTTG4
BQ24061DRCTG4	SNO805016DRBRG4	TPS40222DRPTG4	TPS62410DRCR	TPS65561RGTR
BQ24064DRCR	SNO810083RGER	TPS51116RGER	TPS62410DRCRG4	TPS65561RGTRG4
BQ24064DRCRG4	SNO811020RGER	TPS51116RGER/2354	TPS62410DRCT	TPS65561RGTT
BQ24064DRCT	SN212005DRCR	TPS51116RGERG4	TPS62410DRCTG4	TPS65561RGTTG4
BQ24064DRCTG4	SN212005DRCRG4	TPS51116RGET	TPS62420DRCR	TPS65562RGTR
BQ24072RGTR	SN3100D2RGZR	TPS51116RGETG4	TPS62420DRCRG4	TPS65562RGTRG4
BQ24072RGTRG4	SN3100D2RGZRG4	TPS51117RGYR	TPS62420DRCT	TPS65562RGTT
BQ24072RGTT	SN3101D2RGZR	TPS51117RGYRG4	TPS62420DRCTG4	TPS65562RGTTG4
BQ24072RGTTG4	SN3101D2RGZRG4	TPS51117RGYT	TPS62510DRCR	TPS65563ARGTR
BQ24073RGTR	SN412030DRCR	TPS51117RGYTG4	TPS62510DRCR/2801	TPS65563ARGTRG4
BQ24073RGTRG4	SN412030DRCRG4	TPS51120RHBR	TPS62510DRCRG4	TPS65563ARGTT
BQ24073RGTT	TLC5928RGER	TPS51120RHBRG4	TPS62510DRCT	TPS65563ARGTTG4
BQ24073RGTTG4	TLC5928RGET	TPS51120RHBT	TPS62510DRCTG4	TPS65563RGTR
BQ24074RGTR	TLC5940RHBR	TPS51120RHBTG4	TPS63000DRCR	TPS65563RGTRG4
BQ24074RGTRG4	TLC5940RHBRG4	TPS51123RGER	TPS63000DRCRG4	TPS65563RGTT
BQ24074RGTT	TLC5941RHBR	TPS51123RGET	TPS63000DRCT	TPS65563RGTTG4
BQ24074RGTTG4	TLC5941RHBRG4	TPS51124RGER	TPS63000DRCTG4	TPS65800RTQR
BQ24075RGTR	TLC5941RHBT	TPS51124RGER/2354	TPS63001DRCR	TPS65800RTQRG4
BQ24075RGTRG4	TLC5941RHBTG4	TPS51124RGERG4	TPS63001DRCRG4	TPS65800RTQT
BQ24075RGTT	TLC5942RHBR	TPS51124RGET	TPS63001DRCT	TPS65800RTQTG4
BQ24075RGTTG4	TLC5942RHBRG4	TPS51124RGETG4	TPS63001DRCTG4	TPS65810RTQR
BQ24080DRCR	TLC5942RHBT	TPS51125RGER	TPS63002DRCR	TPS65810RTQRG4
BQ24080DRCRG4	TLC5942RHBTG4	TPS51125RGER/2354	TPS63002DRCRG4	TPS65810RTQT
BQ24080DRCT	TLC5943RHBR	TPS51125RGERG4	TPS63002DRCT	TPS65810RTQTG4
BQ24080DRCTG4	TLC5943RHBRG4	TPS51125RGET	TPS63002DRCTG4	TPS65811RTQR
BQ24081DRCR	TLC5943RHBT	TPS51125RGETG4	TPS63700DRCR	TPS65811RTQRG4

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BQ24081DRCRG4	TLC5943RHBTG4	TPS51200DRC/2801	TPS63700DRCRG4	TPS65811RTQT
BQ24081DRCT	TLC5944RHBR	TPS51200DRCR	TPS63700DRCT	TPS65811RTQTG4
BQ24081DRCTG4	TLC5944RHBRG4	TPS51200DRCR/2801	TPS63700DRCTG4	TPS65820RSHR
BQ24083DRCR	TLC5944RHBT	TPS51200DRCRG4	TPS65010RGZR	TPS65820RSHRG4
BQ24083DRCRG4	TLC5944RHBTG4	TPS51200DRCT	TPS65010RGZRG4	TPS65820RSHT
BQ24083DRCT	TLC5945RHBR	TPS51200DRCTG4	TPS65010RGZT	TPS65820RSHTG4
BQ24083DRCTG4	TLC5945RHBRG4	TPS51427ARHBR	TPS65010RGZTG4	TPS71202DRCR
BQ24085DRCR	TLC5945RHBT	TPS51427ARHBRG4	TPS65011RGZR	TPS71202DRCR/2801
BQ24085DRCRG4	TLC5945RHBTG4	TPS51427ARHBT	TPS65011RGZRG4	TPS71202DRCRG4
BQ24085DRCT	TLC5946RHBR	TPS51427ARHBTG4	TPS65012RGZR	TPS71202DRCT
BQ24085DRCTG4	TLC5946RHBRG4	TPS51427RHBR	TPS65012RGZRG4	TPS71202DRCTG4
BQ24086DRCR	TLC5946RHBT	TPS51427RHBRG4	TPS65012RGZT	TPS71202MDRCTEP
BQ24086DRCRG4	TLC5946RHBTG4	TPS51427RHBT	TPS65012RGZTG4	TPS71219DRCR
BQ24086DRCT	TLC5947RHBR	TPS51427RHBTG4	TPS65013RGZR	TPS71219DRCRG4
BQ24086DRCTG4	TLC5947RHBRG4	TPS54620RGYR	TPS65013RGZRG4	TPS71219DRCT
BQ24087DRCR	TLC5947RHBT	TPS54620RGYT	TPS65013RGZT	TPS71219DRCTG4
BQ24087DRCRG4	TLC5947RHBTG4	TPS61020DRCR	TPS65013RGZTG4	TPS71229DRCR
BQ24087DRCT	TPA2013D1RGPR	TPS61020DRCRG4	TPS65014RGZR	TPS71229DRCRG4
BQ24087DRCTG4	TPA2013D1RGPRG4	TPS61024DRCR	TPS65014RGZRG4	TPS71229DRCT
BQ24088DRCR	TPA2014D1RGPR	TPS61024DRCRG4	TPS65014RGZT	TPS71229DRCTG4
BQ24088DRCRG4	TPA2014D1RGPRG4	TPS61025DRCR	TPS65014RGZTG4	TPS71247DRCR
BQ24088DRCT	TPA2014D1RGPT	TPS61025DRCRG4	TPS65020RHAR	TPS71247DRCRG4
BQ24088DRCTG4	TPA2014D1RGPTG4	TPS61026DRCR	TPS65020RHARG4	TPS71247DRCT
BQ24230RGTR	TPA3100D2RGZR	TPS61026DRCRG4	TPS65020RHAT	TPS71247DRCTG4
BQ24230RGTRG4	TPA3100D2RGZRG4	TPS61026DRCT	TPS65020RHATG4	TPS71256DRCR
BQ24230RGTT	TPA3100D2RGZT	TPS61026DRCTG4	TPS65021RHAR	TPS71256DRCRG4
BQ24230RGTTG4	TPA3100D2RGZTG4	TPS61027DRCR	TPS65021RHARG4	TPS71256DRCT
BQ24232RGTR	TPA3101D2RGZR	TPS61027DRCRG4	TPS65021RHAT	TPS71256DRCTG4
BQ24232RGTRG4	TPA3101D2RGZRG4	TPS61027DRCRSY	TPS65021RHATG4	TPS71257DRCR
BQ24232RGTT	TPA3101D2RGZT	TPS61028DRCR	TPS65022RHAR	TPS71257DRCRG4
BQ24232RGTTG4	TPA3101D2RGZTG4	TPS61028DRCRG4	TPS65022RHARG4	TPS71257DRCT
BQ24705RGER	TPA6020A2RGWR	TPS61029DRCR	TPS65022RHAT	TPS71257DRCTG4
BQ24705RGERG4	TPA6020A2RGWRG4	TPS61029DRCRG4	TPS65022RHATG4	TPS71319DRCR
BQ24705RGET	TPA6020A2RGWT	TPS61029DRCT	TPS650240RHBR	TPS71319DRCRG4
BQ24705RGETG4	TPA6020A2RGWTG4	TPS61029DRCTG4	TPS650240RHBRG4	TPS71319DRCT
BQ24745RHDR	TPA6040A4RHBR	TPS61030RSAR	TPS650240RHBT	TPS71319DRCTG4
BQ24745RHDRG4	TPA6040A4RHBRG4	TPS61030RSARG4	TPS650240RHBTG4	TPS71334DRCR
BQ24745RHDT	TPA6041A4RHBR	TPS61031RSAR	TPS650241RHBR	TPS71334DRCRG4
BQ24745RHDTG4	TPA6041A4RHBRG4	TPS61031RSARG4	TPS650241RHBRG4	TPS71334DRCT
BQ24751ARHDR	TPA6043A4RHBR	TPS61032RSAR	TPS650241RHBT	TPS71334DRCTG4
BQ24751ARHDRG4	TPA6043A4RHBRG4	TPS61032RSARG4	TPS650241RHBTG4	TPS73201DRBR
BQ24751ARHDT	TPA6045A4CRHBR	TPS61042DRBR	TPS650242RHBR	TPS73201DRBRG4
BQ24751ARHDTG4	TPA6047A4RHBR	TPS61042DRBRG4	TPS650242RHBRG4	TPS73201DRBT
HPA00045DRCR	TPA6047A4RHBRG4	TPS61042DRBT	TPS650242RHBT	TPS73201DRBTG4
HPA00073DRCR	TPA6201A1DRB	TPS61042DRBTG4	TPS650242RHBTG4	TPS73601DRBR
HPA00091DRCR	TPA6201A1DRBG4	TPS61043DRBR	TPS650243RHBR	TPS73601DRBRG4
HPA00096DRCR	TPA6201A1DRBR	TPS61043DRBRG4	TPS650243RHBRG4	TPS73601DRBT
HPA00096DRCRG4	TPA6201A1DRBRG4	TPS61043DRBT	TPS650243RHBT	TPS73601DRBTG4
HPA00102DRCR	TPA6203A1DRB	TPS61043DRBTG4	TPS650243RHBTG4	TPS73601MDRBRP
HPA00105DRBR	TPA6203A1DRBG4	TPS61045DRBR	TPS650244RHBR	TPS736125DRBR
HPA00145DRCR	TPA6203A1DRBR	TPS61045DRBRG4	TPS650244RHBRG4	TPS736125DRBRG4
HPA00174DRBR	TPA6203A1DRBRG4	TPS61045DRBT	TPS650244RHBT	TPS736125DRBT
HPA00177DRBR	TPA6204A1DRB	TPS61045DRBTG4	TPS650244RHBTG4	TPS736125DRBTG4
HPA00183DRPR	TPA6204A1DRBG4	TPS61050DRCR	TPS650245RHBR	TPS73615DRBR
HPA00188DRCR	TPA6204A1DRBR	TPS61050DRCRG4	TPS650245RHBRG4	TPS73615DRBRG4
HPA00198DRBR	TPA6204A1DRBRG4	TPS61050DRCT	TPS650245RHBT	TPS73615DRBT
HPA00204DRCR	TPA6205A1DRBR	TPS61050DRCTG4	TPS650245RHBTG4	TPS73615DRBTG4
HPA00205DRBR	TPA6205A1DRBRG4	TPS61052DRCR	TPS650250RHBR	TPS73619DRBR
HPA00219RHBR	TPA6205A1DRBT	TPS61052DRCRG4	TPS650250RHBT	TPS73619DRBRG4
HPA00220RGER	TPA6205A1DRBTG4	TPS61052DRCT	TPS65050RSMR	TPS73619DRBT
HPA00221RGTR	TPA6211A1DRB	TPS61052DRCTG4	TPS65050RSMRG4	TPS73619DRBTG4
HPA00228RGTRG4	TPA6211A1DRBG4	TPS61054DRCR	TPS65050RSMT	TPS73633DRBR
HPA00233RGER	TPA6211A1DRBR	TPS61054DRCRG4	TPS65050RSMTG4	TPS73633DRBRG4
HPA00238DRCR	TPA6211A1DRBRG4	TPS61054DRCT	TPS65051RSMR	TPS73633DRBT
HPA00239DRCR	TPS2042BDRBR	TPS61054DRCTG4	TPS65051RSMRG4	TPS73633DRBTG4
HPA00243RHAR	TPS2042BDRBT	TPS61055DRCR	TPS65051RSMT	TPS73701DRBR

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HPA00246DRBR	TPS2052BDRBR	TPS61055DRCRG4	TPS65051RSMTG4	TPS73701DRBRG4
HPA00247DRBR	TPS2052BDRBT	TPS61055DRCT	TPS65052RSMR	TPS73701DRBT
HPA00249DRCR	TPS2060DRBR	TPS61055DRCTG4	TPS65052RSMRG4	TPS73701DRBTG4
HPA00302DRBR	TPS2060DRBT	TPS61058DRCR	TPS65052RSMT	TPS73730DRBR
HPA00339RHHR	TPS2062ADRBR	TPS61058DRCRG4	TPS65052RSMTG4	TPS73730DRBT
HPA00349DRCR	TPS2062ADRBRG4	TPS61059DRCR	TPS65053RGER	TPS74701DRCR
HPA00350DRCR	TPS2062ADRBT	TPS61059DRCRG4	TPS65053RGERG4	TPS74701DRCR/2801
HPA00351DRCR	TPS2062ADRBTG4	TPS61059DRCT	TPS65053RGER-LI	TPS74701DRCRG4
HPA00355DRCR	TPS2064DRBR	TPS61059DRCTG4	TPS65053RGET	TPS74701DRCT
HPA00360DRBR	TPS2064DRBT	TPS61080DRCR	TPS65053RGETG4	TPS74701DRCTG4
HPA00376DRCR	TPS2066ADRBR	TPS61080DRCRG4	TPS65053RGET-LI	TPS74801DRCR
HPA00377DRCR	TPS2066ADRBRG4	TPS61080DRCT	TPS65054RSMR	TPS74801DRCR/2801
HPA00379DRBR	TPS2066ADRBT	TPS61080DRCTG4	TPS65054RSMRG4	TPS74801DRCRG4
HPA00390RHBR	TPS2066ADRBTG4	TPS61081DRCR	TPS65054RSMT	TPS74801DRCT
HPA00398DRBR	TPS2115ADRBR	TPS61081DRCRG4	TPS65054RSMTG4	TPS74801DRCTG4
HPA00455DRCR	TPS2115ADRBRG4	TPS61081DRCT	TPS65055RSMR	TPS74801RGWR
HPA00458RHBR	TPS2115ADRBT	TPS61081DRCTG4	TPS65055RSMRG4	TPS74801RGWRG4
HPA00470A1DRBR	TPS2115ADRBTG4	TPS61087DRCR	TPS65055RSMT	TPS74801RGWT
HPA00480RHBR	TPS2231MRGPR	TPS61087DRCRG4	TPS65055RSMTG4	TPS74801RGWTG4
HPA00483DRBR	TPS2231MRGPR-1	TPS61087DRCT	TPS65056RSMR	TPS74901RGWR
HPA00497RGPR	TPS2231MRGPR-1G4	TPS61087DRCTG4	TPS65056RSMRG4	TPS74901RGWRG4
HPA00511DRBR	TPS2231MRGPR-2	TPS61090RSAR	TPS65056RSMT	TPS74901RGWT
HPA00512DRCR	TPS2231MRGPR-2G4	TPS61090RSARG4	TPS65056RSMTG4	TPS74901RGWTG4
HPA00514DRCR	TPS2231MRGPRG4	TPS61091RSAR	TPS65058RGER	TPS79501DRBR
HPA00519RGZR	TPS2231MRGPT	TPS61091RSARG4	TPS65058RGERG4	TPS79501DRBRG4
HPA00527DRCR	TPS2231MRGPT-1	TPS61092RSAR	TPS65058RGET	TPS79501DRBT
HPA00538RHBTG4	TPS2231MRGPT-1G4	TPS61092RSARG4	TPS65058RGETG4	TPS79501DRBTG4
HPA00539RHBR	TPS2231MRGPTG4	TPS61100RGER	TPS65100RGER	TPS79601DRBR
HPA00546DRCR	TPS2231RGPR	TPS61100RGERG4	TPS65100RGERG4	TPS79601DRBRG4
HPA00558DRCR	TPS2231RGPRG4	TPS61120RSAR	TPS65101RGER	TPS79601DRBT
HPA00572DRCR	TPS2231RGPT	TPS61120RSARG4	TPS65101RGERG4	TPS79601DRBTG4
HPA00583DRBR	TPS2231RGPTG4	TPS61200DRCR	TPS65105RGER	TPS79613DRBR
HPA00593RHBR	TPS2420RSAR	TPS61200DRCRG4	TPS65105RGERG4	TPS79613DRBRG4
HPA00611RHBR	TPS2420RSAT	TPS61200DRCT	TPS65120RGTR	TPS79613DRBT
HPA00614DRCR	TPS2590RSAR	TPS61200DRCTG4	TPS65120RGTRG4	TPS79613DRBTG4
HPA00616DRCR	TPS2590RSAT	TPS61201DRCR	TPS65120RGTT	TPS79628DRBR
HPA00617RGWR	TPS40040DRBR	TPS61201DRCRG4	TPS65120RGTTG4	TPS79628DRBRG4
HPA00625DRCR	TPS40040DRBRG4	TPS61201DRCT	TPS65121RGTR	TPS79628DRBT
HPA00639RHBR	TPS40040DRBT	TPS61201DRCTG4	TPS65121RGTRG4	TPS79628DRBTG4
HPA00642DRBR	TPS40040DRBTG4	TPS61202DRCR	TPS65121RGTT	TPS79650DRBR
HPA00652RGTR	TPS40041DRBR	TPS61202DRCRG4	TPS65121RGTTG4	TPS79650DRBRG4
HPA00661DRBR	TPS40041DRBRG4	TPS61202DRCT	TPS65123RGTR	TPS79650DRBT
HPA00680RSMR	TPS40041DRBT	TPS61202DRCTG4	TPS65123RGTRG4	TPS79650DRBTG4
HPA00684RGWR	TPS40041DRBTG4	TPS62020DRCR	TPS65123RGTT	UCC2541RHBR
HPA00753RGER	TPS40042DRCR	TPS62020DRCRG4	TPS65123RGTTG4	UCC2541RHBRG4
HPA00756D1RGPR	TPS40042DRCRG4	TPS62021DRCR	TPS65124RGTR	UCC2541RHBT
HPA00762RHHR	TPS40042DRCT	TPS62021DRCRG4	TPS65124RGTRG4	UCC2541RHBTG4
HPA00801DRBR	TPS40042DRCTG4	TPS62026DRCR	TPS65124RGTT	UCC2897ARGPR
HPA00802DRCR	TPS40100RGER	TPS62026DRCRG4	TPS65124RGTTG4	UCC2897ARGPT
HPA00810RGTR-1/2	TPS40100RGERG4	TPS62040DRCR	TPS65130RGER	UCD7230RGWR
PTPS61058DRCR	TPS40100RGET	TPS62040DRCRG4	TPS65130RGERG4	UCD7230RGWRG4
SNO401021DRCR	TPS40100RGETG4	TPS62042DRCR	TPS65130RGET	UCD7230RGWT
SNO401021DRCRG4	TPS40101RGER	TPS62042DRCRG4	TPS65130RGETG4	UCD7230RGWTG4
SNO504037RGER	TPS40101RGERG4	TPS62043DRCR	TPS65131RGER	V62/06626-01ZE
SNO504037RGERG4	TPS40101RGET	TPS62043DRCRG4	TPS65131RGERG4	V62/07622-01XE
SNO510064DRCR	TPS40101RGETG4	TPS62044DRCR	TPS65131RGET	V62/07622-02XE
SNO510064DRCRG4	TPS40130RHBR	TPS62044DRCRG4	TPS65131RGETG4	V62/07622-03XE
SNO512022DRBR	TPS40130RHBRG4	TPS62046DRCR	TPS65140RGER	V62/08621-01XE

製品表示

今回の変更に伴い、製品捺印上で組立サイトを示すサイトコードが、TI-Clark サイトについては、“I”となり、出荷ラベルに記載の原産地(ラベル箇所:22L、23L)も各々下記の様になります。

	組立サイト	組立サイトコード(22L)	組立国コード(23L)
追加認定	TI-Clark	QAB	PHL



図1 出荷ラベルの例

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信頼性試験

信頼性試験結果

信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 - 試料構成詳細				
Qual Device:MSC1202Y3RHHR				
Die Size (mm):	4.11 X 4.11	Die Protective Coating:	SiO2/Si3N4	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RHH/36	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L3-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	82/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-3/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-3/260C				

信頼性試験結果

信頼性試験期間	開始	—	終了	2009 年 9 月 9 日	
信頼性試験 - 試料構成詳細					
Qual Device:ONET4291VARGPR					
Die Size (mm):	1.5 X 1.5	Die Protective Coating:	6KA DHP/1K TEOS/ 8KAOXY		
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGP/20		
Mount Compound:	4207768	Mold Compound:	4208625		
Bond Wire:	0.96 Mil. Dia, Au	Leadframe (Finish, Base):	NiPdAu, Cu		
MSL:	JEDEC,L3-260C	-	-		
信頼性試験結果					
Reliability Test	Condition / Duration	Sample Size/ Fails			Notes
		Lot#1	Lot#2	Lot#3	
**High Temp Operating Life	140C,480Hrs	116/0	-	-	-
**Biased HAST	130C/85%RH,96Hrs	77/0	-	-	-
**T/C	-65C/150C,500Cyc	82/0	-	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-	-
Backgrind Characterization	-	Approved	-	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-	-
Die Shear	-	10/0	-	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-	-
X-ray	top side only	5/0	-	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/4	-	-	(1)
Moisture Sensitivity	JEDEC Level-3/260C	12/0	-	-	-
Notes:					
** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C					
(1) Device saw delamination between the die pad and mold compound in the die bond area. Actions are being addressed to correct the problem.					

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信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 - 試料構成詳細				
Qual Device : SH6966ACC0RGCRG4 (Au-Wire)				
Die Size (mm):	2.78 X 2.78	Die Protective Coating:	10KACN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGC/64	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.15 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L3-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	125C,1000Hrs	140/0	-	-
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Biased HAST	130C/85%RH,96 Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	81/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Solderability	Steam age, 8 hours	22/0	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
Salt Atmosphere	24 Hrs	22/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-3/260C	22/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-3/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 8 月 13 日
信頼性試験 — 試料構成詳細				
Qual Device:SH6966ACC0RGCRG4 (Cu-Wire)				
Die Size (mm):	2.78 X 2.78	Die Protective Coating:	10KACN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGC/64	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.15Mil Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L3-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	125C,1000Hrs	140/0	140/0	141/0
**High Temp. Storage Bake	170C,420Hrs	77/0	77/0	77/0
**Biased HAST	130C/85%RH,96 Hrs	77/0	77/0	77/0
**Autoclave	121C,96Hrs	77/0	77/0	77/0
**T/C	-65C/150C,500Cyc	87/0	82/0	87/0
Visual / Mechanical	Performed during Assembly MQ	Approved		
Solderability	Steam age, 8hours	22/0	22/0	22/0
Physical Dimensions	per mechanical drawing	5/0	5/0	5/0
Bond Pull	76 ball bonds, min. 3 units	76/0	76/0	76/0
Bond Shear	76 ball bonds, min. 3 units	76/0	76/0	76/0
Die Shear	-	10/0	10/0	10/0
Manufacturability, Assembly	per mfg. Site specification	Approved		
**Thermal Shock	-65C/150C,500Cyc	77/0	77/0	77/0
Salt Atmosphere	24 Hrs	22/0	22/0	22/0
X-ray	top side only	5/0	5/0	5/0
Moisture Sensitivity	JEDEC Level-3/260C	22/0	22/0	22/0
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-3/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 — 試料構成詳細				
Qual Device:SN65LVCP40RGZ				
Die Size (mm):	2.26 X 2.36	Die Protective Coating:	10KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/ RGZ/48	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	0.96 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L3-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	155C,240Hrs	116/0	-	-
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Biased HAST	130C/85%RH,96 Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	82/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-3/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-3/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 — 試料構成詳細				
Qual Device:TPA5050RSA				
Die Size (mm):	2.34 X 2.03	Die Protective Coating:	OxyNitride	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RSA/16	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	0.96 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	140C,480hrs	116/0	-	-
**Biased HAST	130C/85%RH,96Hrs	80/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 — 試料構成詳細				
Qual Device:TPS2231RGPR (Au-Wire)				
Die Size (mm):	2.54 X 1.4	Die Protective Coating:	11.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGP/20	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	2.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	155C,240Hrs	77/0	-	-
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	87/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Solderability	Steam age, 8 hours	22/0	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
Salt Atmosphere	24 Hrs	22/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 8 月 13 日
信頼性試験 - 試料構成詳細				
Qual Device:TPS2231RGPR (Cu-Wire)				
Die Size (mm):	2.54 X 1.4	Die Protective Coating:	11.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/ RGP/20	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	2.0 Mil Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	155C,240Hrs	77/0	77/0	77/0
**High Temp. Storage Bake	170C,420Hrs	77/0	77/0	77/0
**Autoclave	121C,96Hrs	77/0	77/0	77/0
**T/C	-65C/150C,500Cyc	87/0	87/0	87/0
Visual / Mechanical	Performed during Assembly MQ	Approved		
Solderability	Steam age, 8 hours	22/0	22/0	22/0
Physical Dimensions	per mechanical drawing	5/0	5/0	5/0
Bond Pull	76 ball bonds, min. 3 units	76/0	76/0	76/0
Bond Shear	76 ball bonds, min. 3 units	76/0	76/0	76/0
Die Shear	-	10/0	10/0	10/0
Manufacturability, Assembly	per mfg. Site specification	Approved		
**Thermal Shock	-65C/150C,500Cyc	77/0	77/0	77/0
Salt Atmosphere	24 Hrs	22/0	22/0	22/0
X-ray	top side only	5/0	5/0	5/0
Moisture Sensitivity	JEDEC Level-2/260C	12/0	12/0	12/0
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

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信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 — 試料構成詳細				
Qual Device:TPS61020DRC (Au-Wire)				
Die Size (mm):	1.52 X 1.98	Die Protective Coating:	10.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC/10	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	0.95 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	87/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009年9月9日
信頼性試験 - 試料構成詳細				
Qual Device:TPS61020DRC (Cu-Wire)				
Die Size (mm):	1.52 X 1.98	Die Protective Coating:	10.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC/10	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	0.95 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	77/0	77/0
**Autoclave	121C,96Hrs	77/0	77/0	77/0
**T/C	-65C/150C,500Cyc	87/0	87/0	87/0
Visual / Mechanical	Performed during Assembly MQ	Approved		
Physical Dimensions	per mechanical drawing	5/0	5/0	5/0
Bond Pull	76 ball bonds, min. 3 units	76/0	76/0	76/0
Bond Shear	76 ball bonds, min. 3 units	76/0	76/0	76/0
Die Shear	-	10/0	10/0	10/0
Manufacturability, Assembly	per mfg. Site specification	Approved		
**Thermal Shock	-65C/150C,500Cyc	77/0	77/0	77/0
X-ray	top side only	5/0	5/0	5/0
Moisture Sensitivity	JEDEC Level-2/260C	12/0	12/0	12/0
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 — 試料構成詳細				
Qual Device:TPS62402DRCR (Au-Wire)				
Die Size (mm):	1.63 X 2.41	Die Protective Coating:	10.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC/10	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.3 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500 Cyc	87/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
Salt Atmosphere	24 Hrs	22/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 - 試料構成詳細				
Qual Device:TPS62402DRCR (Cu-Wire)				
Die Size (mm):	1.63 X 2.41	Die Protective Coating:	10.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC/10	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.3 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500 Cyc	87/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
Salt Atmosphere	24 Hrs	22/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2009 年 9 月 9 日
信頼性試験 - 試料構成詳細				
Qual Device:TPS650240RHBR (Au-Wire)				
Die Size (mm):	3.1 X 3.12	Die Protective Coating:	10.5KAN	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RHB/32	
Mount Compound:	4207768	Mold Compound:	4208625	
Bond Wire:	1.3 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC,L2-260C	-	-	
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-
**Autoclave	121C,96Hrs	77/0	-	-
**T/C	-65C/150C,500Cyc	87/0	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-
Die Shear	-	10/0	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-
X-ray	top side only	5/0	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/0	-	-
Note: ** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C				

信頼性試験結果					
信頼性試験期間	開始	—	終了	2009年9月9日	
信頼性試験 - 試料構成詳細					
Qual Device:TPS650240RHBR (Cu-Wire)					
Die Size (mm):	3.1 X 3.12	Die Protective Coating:	10.5KAN		
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RHB/32		
Mount Compound:	4207768	Mold Compound:	4208625		
Bond Wire:	1.3 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu		
MSL:	JEDEC,L2-260C	-	-		
信頼性試験結果					
Reliability Test	Condition / Duration	Sample Size/ Fails			Notes
		Lot#1	Lot#2	Lot#3	
**High Temp. Storage Bake	170C,420Hrs	77/0	-	-	-
**Autoclave	121C,96Hrs	77/0	-	-	-
**T/C	-65C/150C,500Cyc	87/0	-	-	-
Visual / Mechanical	Performed during Assembly MQ	Approved	-	-	-
Physical Dimensions	per mechanical drawing	5/0	-	-	-
Bond Pull	76 ball bonds, min. 3 units	76/0	-	-	-
Bond Shear	76 ball bonds, min. 3 units	76/0	-	-	-
Die Shear	-	10/0	-	-	-
Manufacturability, Assembly	per mfg. Site specification	Approved	-	-	-
**Thermal Shock	-65C/150C,500Cyc	77/0	-	-	-
X-ray	top side only	5/0	-	-	-
Moisture Sensitivity	JEDEC Level-2/260C	12/1	-	-	(1)
Note:					
** Must be preconditioned per the appropriate sequence, JEDEC L-2/260C					
(1) Devices saw delamination between the die and die pad. Actions have been implemented to Correct this issue.					