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西新宿三井ビルディング

報告書番号：PCN#20090529000EA

2010 年 3 月 26 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 カスタマドキュメント

マネージャ 牧 達郎 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 2013 製品への追加認定 329 製品の連絡)

(第九版 PCN20090529000CA 2010 年 3 月 11 日発行)

(第八版 PCN20090529000BA 2010 年 2 月 25 日発行, 第七版 PCN20090529000ZB 2009 年 10 月 28 日発行)

(第六版 PCN20090529000D 2009 年 10 月 27 日発行, 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2013製品への追加認定329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4月中旬の出荷より予定しています。 追加認定品(第九版)は6月中旬の出荷より予定しています。 追加認定品(第五版)は4月下旬の出荷より予定しています。 認定終了品は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2013製品への追加認定329製品の連絡になります。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 組立サイト	現行 認定済サイト	変更後 認定済サイト
ボンディングワイア	Au(金)線	TI-Clark(フィリピン) 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

74CB3Q3125RGYRG4	BQ24750ARHDT	ONET9901PARGP	SN74LV574ARGYRG4	TPS40091RHDRG4
74CB3Q3244RGYRG4	BQ24750RHDR	ONET9901PARGPG4	SN74LV74ARGYR	TPS40091RHDT
74CB3Q3245RGYRG4	BQ24750RHDRG4	OPA2330AIDRBR	SN74LV74ARGYRG4	TPS40091RHDTG4
74CB3Q3345RGYRG4	BQ24750RHDT	OPA2330AIDBRG4	SN74LVC00ARGYR	TPS40210DRCR
74CB3T3125RGYRG4	BQ24750RHDTG4	OPA2330AIDRBT	SN74LVC00ARGYRG4	TPS40210DRCRG4
74CBTLV3125RGYRG4	BQ24751ARHDR	OPA2330AIDRBTG4	SN74LVC02ARGYR	TPS40210DRCT
74CBTLV3126RGYRG4	BQ24751ARHDRG4	OPA2333AIDRBR	SN74LVC02ARGYRG4	TPS40210DRCTG4
74CBTLV3245ARGYRG4	BQ24751ARHDT	OPA2333AIDBRG4	SN74LVC04ARGYR	TPS40211DRCR
74LVC2245ARGYRG4	BQ24751ARHDTG4	OPA2333AIDRBT	SN74LVC04ARGYRG4	TPS40211DRCRG4
ADS11121DRCR	BQ24751BRHDR	OPA2333AIDRBTG4	SN74LVC06ARGYR	TPS40211DRCT
ADS11121DRCRG4	BQ24751BRHDRG4	OPA2373A1DRCR	SN74LVC06ARGYRG4	TPS40211DRCTG4
ADS11121DRCT	BQ24751BRHDT	OPA2373A1DRCRG4	SN74LVC07ARGYR	TPS51103DRCR
ADS11121DRCTG4	BQ24751BRHDTG4	OPA2373A1DRCT	SN74LVC07ARGYRG4	TPS51103DRCRG4
ADS12031RGTR	BQ24751RHDR	OPA2373A1DRCTG4	SN74LVC08ARGYR	TPS51103DRCT
ADS12031RGTRG4	BQ24751RHDRG4	OPA2381AIDRBR	SN74LVC08ARGYRG4	TPS51103DRCTG4
ADS12031RGTT	BQ24751RHDT	OPA2381AIDBRG4	SN74LVC10ARGYR	TPS51163DRCR
ADS12031RGTTG4	BQ24751RHDTG4	OPA2381AIDRBT	SN74LVC10ARGYRG4	TPS51163DRCT
ADS12041RHBR	BQ24753RHDR	OPA2381AIDRBTG4	SN74LVC125ARGYR	TPS51220RHBR
ADS12041RHBRG4	BQ24753RHDT	OPA26731RGVR	SN74LVC125ARGYRG4	TPS51220RHBRG4
ADS12041RHBT	BQ26100DRPR	OPA26731RGVRG4	SN74LVC126ARGYR	TPS51220RHBT
ADS12041RHBTG4	BQ26100DRPRG4	OPA26731RGVT	SN74LVC126ARGYRG4	TPS51220RHBTG4
ADS12051RGER	BQ6400RGZR	OPA26731RGVTG4	SN74LVC14ARGYR	TPS516101RHBR
ADS12051RGERG4	BQ6400RGZT	OPA26771RGVR	SN74LVC14ARGYRG4	TPS516101RHBT
ADS12051RGET	BQ76PL102RGT	OPA26771RGVRG4	SN74LVC244ARGYR	TPS51610RHBR
ADS12051RGETG4	BQ76PL102RGTR	OPA26771RGVT	SN74LVC244ARGYRG4	TPS51610RHBRG4
ADS12251RGVR	BQ78PL114RGZR	OPA26771RGVTG4	SN74LVC245ARGYR	TPS51610RHBT
ADS12251RGVRG4	BQ78PL114RGZT	OPA26951RGTR	SN74LVC245ARGYRG4	TPS51620RHAR
ADS12251RGVT	BUF01900A1DRCR	OPA26951RGTRG4	SN74LVC32ARGYR	TPS51620RHARG4
ADS12251RGVTG4	BUF01900A1DRCRG4	OPA26951RGTT	SN74LVC32ARGYRG4	TPS51620RHAT
ADS12261RGVR	BUF01900A1DRCT	OPA26951RGTTG4	SN74LVC373ARGYR	TPS51620RHATG4
ADS12261RGVRG4	BUF01900A1DRCTG4	OPA2727A1DRBR	SN74LVC373ARGYRG4	TPS51727RHAR
ADS12261RGVT	BUF01901A1DRCR	OPA2727A1DRBRG4	SN74LVC374ARGYR	TPS51727RHARG4
ADS12261RGVTG4	BUF01901A1DRCRG4	OPA2727A1DRBT	SN74LVC374ARGYRG4	TPS51727RHAT
ADS55171RGZR	BUF01901A1DRCT	OPA2727A1DRBTG4	SN74LVC541ARGYR	TPS51727RHATG4
ADS55171RGZRG4	BUF01901A1DRCTG4	OPA381A1DRBR	SN74LVC541ARGYRG4	TPS53124RGER
ADS55171RGZT	CC1020-WAVENIS	OPA381A1DRBRG4	SN74LVC573ARGYR	TPS53124RGERG4
ADS55171RGZTG4	CC1020WRSS	OPA381A1DRBT	SN74LVC573ARGYRG4	TPS53124RGET
ADS55251RGZR	CC1020WRSSR	OPA381A1DRBTG4	SN74LVC574ARGYR	TPS53124RGETG4
ADS55251RGZRG4	CC1021RSS	OPA6531DRBR	SN74LVC574ARGYRG4	TPS54621RGYR

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ADS5525IRGZT	CC1021RSSR	OPA653IDRBT	SN74LVC74ARGYR	TPS54621RGYT
ADS5525IRGZTG4	CC1021RSSRG4	OPA659IDRBR	SN74LVC74ARGYRG4	TPS60230RGTR
ADS5527IRGZR	CC1021-RTB1	OPA659IDRBT	SN74LVC86ARGYR	TPS60230RGTRG4
ADS5527IRGZRG4	CC1021-RTR1	OPA727A1DRBR	SN74LVC86ARGYRG4	TPS60230RGTT
ADS5527IRGZT	CC2520RHDR	OPA727A1DRBRG4	SN74LVCH244ARGYR	TPS60230RGTTG4
ADS5527IRGZTG4	CC2520RHDRG4	OPA727A1DRBT	SN74LVCH244ARGYRG4	TPS60231RGTR
ADS5545IRGZR	CC2520RHDT	OPA727A1DRBTG4	SN74LVCH245ARGYR	TPS60231RGTRG4
ADS5545IRGZRG4	CC2520RHDTG4	OPA728A1DRBR	SN74LVCH245ARGYRG4	TPS60231RGTT
ADS5545IRGZT	CC2530F128RHAR	OPA728A1DRBRG4	SN74LVCR2245ARGYR	TPS60231RGTTG4
ADS5545IRGZTG4	CC2530F128RHAT	OPA728A1DRBT	SN74LVT244BRGYR	TPS6101ODRCR
ADS5546IRGZR	CC2590RGVR	OPA728A1DRBTG4	SN74LVT244BRGYRG4	TPS6101ODRCRG4
ADS5546IRGZRG4	CC2590RGVGR4	PCA9534ARGTR	SN74LVT245BRGYR	TPS61060DRBR
ADS5546IRGZT	CC2590RGVT	PCA9534ARGTRG4	SN74LVT245BRGYRG4	TPS61060DRBRG4
ADS5546IRGZTG4	CC2590RGVTG4	PCA9535RGER	SN74LVTH125RGYR	TPS61061DRBR
ADS5547IRGZR	CC2591RGVR	PCA9535RGERG4	SN74LVTH125RGYRG4	TPS61061DRBRG4
ADS5547IRGZRG4	CC2591RGVGR4	PCA9539RGER	SN74LVTH240RGYR	TPS61062DRBR
ADS5547IRGZT	CC2591RGVT	PCA9539RGERG4	SN74LVTH240RGYRG4	TPS61062DRBRG4
ADS5547IRGZTG4	CC2591RGVTG4	PCA9544ARGYR	SN74LVTH244ARGYR	TPS61103RGER
ADS5560IRGZR	CD3275AODRCR	PCA9544ARGYRG4	SN74LVTH244ARGYRG4	TPS61103RGERG4
ADS5560IRGZRG4	CD3301RHHR	PCA9545ARGYR	SN74LVTH245ARGYR	TPS61106RGER
ADS5560IRGZT	CDC421100RGER	PCA9545ARGYRG4	SN74LVTH245ARGYRG4	TPS61106RGERG4
ADS5560IRGZTG4	CDC421100RGERG4	PCA9548RGER	SN74LVTH573RGYR	TPS61107RGER
ADS5562IRGZR	CDC421100RGET	PCA9548RGERG4	SN74LVTH573RGYRG4	TPS61107RGERG4
ADS5562IRGZRG4	CDC421100RGETG4	PCA9554ARGTR	SN74LVTH574RGYR	TPS61121RSAR
ADS5562IRGZT	CDC421106RGER	PCA9554ARGTRG4	SN74LVTH574RGYRG4	TPS61121RSARG4
ADS5562IRGZTG4	CDC421106RGERG4	PCA9555RGER	SN74LVU04ARGYR	TPS61130RSAR
ADS61221RHBR	CDC421106RGET	PCA9555RGERG4	SN74LVU04ARGYRG4	TPS61130RSARG4
ADS61221RHBRG4	CDC421106RGETG4	PCF8574ARGYR	SN75DP118RHHR	TPS61132RSAR
ADS61221RHBT	CDC421125RGER	PCF8574ARGYRG4	SN75DP118RHHRG4	TPS61132RSARG4
ADS61221RHBTG4	CDC421125RGERG4	PCF8574RGTR	SN75DP118RHHT	TPS61140DRCR
ADS61231RHBR	CDC421125RGET	PCF8574RGTRG4	SN75DP118RHHTG4	TPS61150ADRCRG4
ADS61231RHBRG4	CDC421125RGETG4	PCF8574RGYR	SN75DP122ARTQR	TPS61140DRCT
ADS61231RHBT	CDC421156RGER	PCF8574RGYRG4	SN75DP122ARTQT	TPS61140DRCTG4
ADS61231RHBTG4	CDC421156RGERG4	PCF8575CRGER	SN75DP122RTQR	TPS61141DRCR
ADS61241RHBR	CDC421156RGET	PCF8575CRGERG4	SN75DP122RTQRG4	TPS61141DRCRG4
ADS61241RHBRG4	CDC421156RGETG4	PCF8575RGER	SN75DP122RTQT	TPS61141DRCT
ADS61241RHBT	CDC421212RGER	PCF8575RGERG4	SN75DP122RTQTG4	TPS61141DRCTG4
ADS61241RHBTG4	CDC421212RGERG4	PCM1774RGPR	SN75DP128ARTQR	TPS61150ADRCR
ADS61251RHBR	CDC421212RGET	PCM1774RGPRG4	SN75DP128ARTQT	TPS61150ADRCRG4
ADS61251RHBRG4	CDC421212RGETG4	PCM1774RGPT	SN75DP128RTQR	TPS61150ADRCT
ADS61251RHBT	CDC421250RGER	PCM1774RGPTG4	SN75DP128RTQRG4	TPS61150ADRCTG4
ADS61251RHBTG4	CDC421250RGERG4	PCM3793ARHBR	SN75DP128RTQT	TPS61150DRCR
ADS61281RGZR	CDC421250RGET	PCM3793ARHBRG4	SN75DP128RTQTG4	TPS61150DRCRG4
ADS61281RGZRG4	CDC421250RGETG4	PCM3793ARHBT	SN75DP129RHHR	TPS61150DRCT
ADS61281RGZT	CDC421312RGER	PCM3793ARHBTG4	SN75DP129RHHRG4	TPS61150DRCTG4
ADS61281RGZTG4	CDC421312RGERG4	PCM3793RHBR	SN75DP129RHHT	TPS61151DRCR
ADS61291RGZR	CDC421312RGET	PCM3793RHBRG4	SN75DP129RHHTG4	TPS61151DRCRG4
ADS61291RGZRG4	CDC421312RGETG4	PCM3793RHBT	SN75DP139RGZR	TPS61151DRCT
ADS61291RGZT	CDC7005RGZR	PCM3793RHBTG4	SN75DP139RGZT	TPS61151DRCTG4
ADS61291RGZTG4	CDC7005RGZRG4	PCM3794ARHBR	SN75LBC180RSAR	TPS62300DRCR
ADS61421RHBR	CDC7005RGZT	PCM3794ARHBRG4	SN75LBC180RSARG4	TPS62300DRCRG4
ADS61421RHBRG4	CDC7005RGZTG4	PCM3794ARHBT	SN75LBC180RSAT	TPS62301DRCR
ADS61421RHBT	CDCE18005RGZR	PCM3794ARHBTG4	SN75LBC180RSATG4	TPS62301DRCRG4
ADS61421RHBTG4	CDCE18005RGZT	PCM3794RHBR	SN94101RHDR	TPS62302DRCR
ADS61431RHBR	CDCE421RGER	PCM3794RHBRG4	SNLV1023ARHBTG4	TPS62302DRCRG4
ADS61431RHBRG4	CDCE421RGERG4	PCM3794RHBT	TCA6408ARGTR	TPS62303DRCR
ADS61431RHBT	CDCE421RGET	PCM3794RHBTG4	TCA6408RGTR	TPS62303DRCRG4
ADS61431RHBTG4	CDCE421RGETG4	PTLV320A1C191RHBR	TCA6408RGTRG4	TPS62304DRCR
ADS61441RHBR	CDCE62005RGZR	SC84004RGFR	THS4211DRBR	TPS62304DRCRG4
ADS61441RHBRG4	CDCE62005RGZT	SN0305042RTHR	THS4211DRBRG4	TPS62305DRCR
ADS61441RHBT	CDCL1810RGZR	SN0305042RHT	THS4211DRBT	TPS62305DRCRG4
ADS61441RHBTG4	CDCL1810RGZRG4	SN0403092DRBR	THS4211DRBTG4	TPS62320DRCR
ADS61451RHBR	CDCL1810RGZT	SN0403092DRBRG4	THS4215DRBR	TPS62320DRCRG4
ADS61451RHBRG4	CDCL1810RGZTG4	SN0405032DRPR	THS4215DRBRG4	TPS62321DRCR
ADS61451RHBT	CDCL6010RGZR	SN0405032DRPRG4	THS4215DRBT	TPS62321DRCRG4
ADS61451RHBTG4	CDCL6010RGZRG4	SN0708077DRPR	THS4215DRBTG4	TPS62351DRCR

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ADS6148IRGZR	CDCL6010RGZT	SN0708077DRPRG4	THS4271DRBR	TPS62351DRCRG4
ADS6148IRGZRG4	CDCL6010RGZTG4	SN0803033RGTR	THS4271DRBRG4	TPS65110RGE
ADS6148IRGZT	CDCLVD110ARHBR	SN0803033RGTRG4	THS4271DRBT	TPS65110RGE3
ADS6148IRGZTG4	CDCLVD110ARHBRG4	SN0803034RGER	THS4271DRBTG4	TPS65110RGER
ADS6149IRGZR	CDCLVD110ARHBT	SN0803034RGERG4	THS4275DRBR	TPS65110RGERG4
ADS6149IRGZRG4	CDCLVD110ARHBTG4	SN0806081RHBR	THS4275DRBRG4	TPS65111ARGE
ADS6149IRGZT	CDCLVP111RHBR	SN0806081RHBRG4	THS4275DRBT	TPS65111ARGE4
ADS6149IRGZTG4	CDCLVP111RHBT	SN0808087RHAR	THS4275DRBTG4	TPS65111ARGER
ADS61B23IRHBR	CDCLVP215RHBR	SN105085RGWR	THS4302RGTR	TPS65111ARGERG4
ADS61B23IRHBRG4	CDCLVP215RHBT	SN105085RGWRG4	THS4302RGTRG4	TPS65111RGE
ADS61B23IRHBT	CDCM1802RGTR	SN65LBC180RSAR	THS4302RGTT	TPS65111RGE4
ADS61B23IRHBTG4	CDCM1802RGTRG4	SN65LBC180RSARG4	THS4302RGTTG4	TPS65111RGER
ADS61B29IRGZR	CDCM1802RGTT	SN65LBC180RSAT	THS4303RGTR	TPS65111RGERG4
ADS61B29IRGZT	CDCM1802RGTTG4	SN65LBC180RSATG4	THS4303RGTRG4	TPS65190RHDR
ADS61B49IRGZR	CDCM1804RGER	SN65LV1023ARHBR	THS4303RGTT	TPS65191RHBR
ADS61B49IRGZT	CDCM1804RGERG4	SN65LV1023ARHBRG4	THS4303RGTTG4	TPS65192RHDR
ADS6222IRGZR	CDCM1804RGET	SN65LV1023ARHBT	THS4508RGTR	TPS715A01DRBR
ADS6222IRGZRG4	CDCM1804RGETG4	SN65LV1224BRHBR	THS4508RGTRG4	TPS715A01DRBRG4
ADS6222IRGZT	CDCM61001RHBR	SN65LV1224BRHBRG4	THS4508RGTT	TPS715A01DRBT
ADS6222IRGZTG4	CDCM61001RHBR/2801	SN65LV1224BRHBT	THS4508RGTTG4	TPS715A01DRBTG4
ADS6223IRGZR	CDCM61001RHBT	SN65LV1224BRHBTG4	THS4509RGTR	TPS715A33DRBR
ADS6223IRGZRG4	CDCM61002RHBR	SN65LVCP202RGER	THS4509RGTRG4	TPS715A33DRBRG4
ADS6223IRGZT	CDCM61002RHBT	SN65LVCP202RGET	THS4509RGTT	TPS715A33DRBT
ADS6223IRGZTG4	CDCM61004RHBR	SN65LVCP204RGZR	THS4509RGTTG4	TPS715A33DRBTG4
ADS6224IRGZR	CDCM61004RHBR/2801	SN65LVCP204RGZT	THS4511RGTR	TPS73525DRBR
ADS6224IRGZRG4	CDCM61004RHBT	SN65LVCP402RGER	THS4511RGTRG4	TPS73525DRBRG4
ADS6224IRGZT	CDCM7005RGZR	SN65LVCP402RGERG4	THS4511RGTT	TPS73525DRBT
ADS6224IRGZTG4	CDCM7005RGZRG4	SN65LVCP402RGET	THS4511RGTTG4	TPS73525DRBTG4
ADS6225IRGZR	CDCM7005RGZT	SN65LVCP402RGETG4	THS4513RGTR	TPS74201RGWR
ADS6225IRGZRG4	CDCM7005RGZTG4	SN65LVCP404RGZR	THS4513RGTRG4	TPS74201RGWRG4
ADS6225IRGZT	CDCP1803MRGETEP	SN65LVCP404RGZRG4	THS4513RGTT	TPS74201RGWT
ADS6225IRGZTG4	CDCP1803RGER	SN65LVCP404RGZT	THS4513RGTTG4	TPS74201RGWTG4
ADS6242IRGZR	CDCP1803RGERG4	SN65LVCP404RGZTG4	THS4520RGTR	TPS74301RGWR
ADS6242IRGZRG4	CDCP1803RGET	SN65LVCP40RGZ	THS4520RGTRG4	TPS74301RGWRG4
ADS6242IRGZT	CDCP1803RGETG4	SN65LVCP40RGZG4	THS4520RGTT	TPS74301RGWT
ADS6242IRGZTG4	CDCU877ARHAR	SN65LVCP40RGZR	THS4520RGTTG4	TPS74301RGWTG4
ADS6243IRGZR	CDCU877ARHARG4	SN65LVCP40RGZRG4	THS6132RGWR	TPS74401RGWR
ADS6243IRGZRG4	CDCU877ARHAT	SN65LVCP40RGZT	THS6132RGWRG4	TPS74401RGWRG4
ADS6243IRGZT	CDCU877ARHATG4	SN65LVCP40RGZTG4	TL16C2550IRHB	TPS74401RGWT
ADS6243IRGZTG4	CDCU877RHAR	SN65LVDS315RGER	TL16C2550IRHBG4	TPS74401RGWTG4
ADS6244IRGZR	CDCU877RHARG4	SN65LVDS315RGERG4	TL16C2550IRHBR	TRF3703151RGER
ADS6244IRGZRG4	CDCU877RHAT	SN65LVDS315RGET	TL16C2550IRHBRG4	TRF3703151RGERG4
ADS6244IRGZT	CDCU877RHATG4	SN65LVDS315RGETG4	TL16C2550RHB	TRF3703151RGET
ADS6244IRGZTG4	CDCU877RTBR	SN65MLVD2DRBR	TL16C2550RHBG4	TRF3703151RGETG4
ADS6245IRGZR	CDCVF857RHAR	SN65MLVD2DRBRG4	TL16C2550RHB	TRF3703171RGER
ADS6245IRGZRG4	CDCVF857RHARG4	SN65MLVD2DRBT	TL16C2550RHBG4	TRF3703171RGERG4
ADS6245IRGZT	CDCVF857RHAT	SN65MLVD2DRBTG4	TL16C550DIRHB	TRF3703171RGET
ADS6245IRGZTG4	CDCVF857RHATG4	SN65MLVD3DRBR	TL16C550DIRHBG4	TRF3703171RGETG4
ADS7229IRSAR	DAC7552IRGTR	SN65MLVD3DRBRG4	TL16C550DIRHBR	TRF3703331RGER
ADS7229IRSARG4	DAC7552IRGTRG4	SN65MLVD3DRBT	TL16C550DIRHBRG4	TRF3703331RGERG4
ADS7229IRSAT	DAC7552IRGTT	SN65MLVD3DRBTG4	TL16C550DRHB	TRF3703331RGET
ADS7229IRSATG4	DAC7552IRGTTG4	SN74ABT125RGYR	TL16C550DRHBG4	TRF3703331RGETG4
ADS7230IRSAR	DAC7553IRGTR	SN74ABT125RGYRG4	TL16C550DRHBR	TRF37101RGZR
ADS7230IRSARG4	DAC7553IRGTRG4	SN74ABT126RGYR	TL16C550DRHBRG4	TRF37101RGZRG4
ADS7230IRSAT	DAC7553IRGTT	SN74ABT126RGYRG4	TL16C752CIRHBR	TRF37101RGZT
ADS7230IRSATG4	DAC7553IRGTTG4	SN74ABT245BRGYR	TL16C752CIRHBRG4	TRF37101RGZTG4
ADS7279IRSAR	DAC7558IRHBR	SN74ABT245BRGYRG4	TL16C752CRHBR	TRF37501RGP
ADS7279IRSARG4	DAC7558IRHBRG4	SN74ABT573ARGYR	TL16C752CRHBRG4	TRF37501RGP4
ADS7279IRSAT	DAC7558IRHBT	SN74ABT573ARGYRG4	TLC59108FIRGYR	TRF37501RGPR
ADS7279IRSATG4	DAC7558IRHBTG4	SN74ABT574ARGYR	TLC59108IRGYR	TRF37501RGPRG4
ADS7280IRSAR	DAC8531IDRBR	SN74ABT574ARGYRG4	TLC59116FIRHBR	TRF3761-AIRHAR
ADS7280IRSARG4	DAC8531IDRBRG4	SN74AHC00RGYR	TLC59116IRHBR	TRF3761-AIRHARG4
ADS7280IRSAT	DAC8531IDRBT	SN74AHC00RGYRG4	TLC5923RHBR	TRF3761-AIRHAT
ADS7280IRSATG4	DAC8531IDRBTG4	SN74AHC02RGYR	TLC5923RHBRG4	TRF3761-AIRHATG4
ADS7826IDRBR	DAC8801IDRBR	SN74AHC02RGYRG4	TLC5923RHBT	TRF3761-BIRHAR
ADS7826IDRBRG4	DAC8801IDRBRG4	SN74AHC04RGYR	TLC5923RHBTG4	TRF3761-BIRHARG4

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ADS7826 DRBT	DAC8801 DRBT	SN74AHC04RGYRG4	TLC5924RHBR	TRF3761-B RHAT
ADS7826 DRBTG4	DAC8801 DRBTG4	SN74AHC08RGYR	TLC5924RHBRG4	TRF3761-B RHATG4
ADS7827 DRBR	DAC8811 DRBR	SN74AHC08RGYRG4	TLC5924RHBT	TRF3761-C RHAR
ADS7827 DRBRG4	DAC8811 DRBRG4	SN74AHC125RGYR	TLC5924RHBTG4	TRF3761-C RHARG4
ADS7827 DRBT	DAC8811 DRBT	SN74AHC125RGYRG4	TLC8108IRGYR	TRF3761-C RHAT
ADS7827 DRBTG4	DAC8811 DRBTG4	SN74AHC132RGYR	TLK1002ARGER	TRF3761-C RHATG4
ADS7829 BDRBR	DAC8811 CDRBR	SN74AHC132RGYRG4	TLK1002ARGERG4	TRF3761-D RHAR
ADS7829 BDRBRG4	DAC8811 CDRBRG4	SN74AHC14RGYR	TLK1002ARGET	TRF3761-D RHARG4
ADS7829 BDRBT	DAC8811 CDRBT	SN74AHC14RGYRG4	TLK1002ARGETG4	TRF3761-D RHAT
ADS7829 BDRBTG4	DAC8811 CDRBTG4	SN74AHC32RGYR	TLK1101ERGPR	TRF3761-D RHATG4
ADS7829 DRBR	DAC8831 BRGYR	SN74AHC32RGYRG4	TLK1101ERGPRG4	TRF3761-E RHAR
ADS7829 DRBRG4	DAC8831 BRGYRG4	SN74AHC4066RGYR	TLK1101ERGPT	TRF3761-E RHARG4
ADS7829 DRBT	DAC8831 BRGYT	SN74AHC4066RGYRG4	TLK1101ERGPTG4	TRF3761-E RHAT
ADS7829 DRBTG4	DAC8831 BRGYTG4	SN74AHC74RGYR	TLK1102ERGER	TRF3761-E RHATG4
ADS7846 IRGVR	DAC8831 CRGYR	SN74AHC74RGYRG4	TLK1102ERGET	TRF3761-F RHAR
ADS7846 IRGVRG4	DAC8831 CRGYRG4	SN74AHC86RGYR	TLK1221RHAR	TRF3761-F RHARG4
ADS7846 IRGVT	DAC8831 CRGYT	SN74AHC86RGYRG4	TLK1221RHARG4	TRF3761-F RHAT
ADS7846 IRGVTG4	DAC8831 CRGYTG4	SN74AHC00RGYR	TLK1221RHAT	TRF3761-F RHATG4
ADS7861 BRHBR	DAC8831 IRGYR	SN74AHC00RGYRG4	TLK1221RHATG4	TRF3761-G RHAR
ADS7861 BRHBRG4	DAC8831 IRGYRG4	SN74AHC02RGYR	TLK4201EARGTR	TRF3761-G RHARG4
ADS7861 BRHBT	DAC8831 IRGYT	SN74AHC02RGYRG4	TLK4201EARGTRG4	TRF3761-G RHAT
ADS7861 BRHBTG4	DAC8831 IRGYTG4	SN74AHC04RGYR	TLK4201EARGTT	TRF3761-G RHATG4
ADS7861 IRHBR	DAC8832 BRGYR	SN74AHC04RGYRG4	TLK4201EARGTTG4	TRF3761-H RHAR
ADS7861 IRHBRG4	DAC8832 BRGYRG4	SN74AHC08RGYR	TLK4211EARGTR	TRF3761-H RHARG4
ADS7861 IRHBT	DAC8832 BRGYT	SN74AHC08RGYRG4	TLK4211EARGTRG4	TRF3761-H RHAT
ADS7861 IRHBTG4	DAC8832 BRGYTG4	SN74AHC125RGYR	TLK4211EARGTT	TRF3761-H RHATG4
ADS7863 IRGER	DAC8832 CRGYR	SN74AHC125RGYRG4	TLK4211EARGTTG4	TRF3761-J RHAR
ADS7863 IRGERG4	DAC8832 CRGYRG4	SN74AHC14RGYR	TLK6201EARGTR	TRF3761-J RHARG4
ADS7863 IRGET	DAC8832 CRGYT	SN74AHC14RGYRG4	TLK6201EARGTRG4	TRF3761-J RHAT
ADS7863 IRGETG4	DAC8832 CRGYTG4	SN74AHC245RGYR	TLK6201EARGTT	TRF3761-J RHATG4
ADS7881 IRGZR	DAC8832 IRGYR	SN74AHC245RGYRG4	TLK6201EARGTTG4	TRF3762-E RHAR
ADS7881 IRGZRG4	DAC8832 IRGYRG4	SN74AHC32RGYR	TLV3203104 RHBR-L	TRF3762-E RHARG4
ADS7881 IRGZT	DAC8832 IRGYT	SN74AHC32RGYRG4	TLV3203104 RHBT-L	TRF3762-E RHAT
ADS7881 IRGZTG4	DAC8832 IRGYTG4	SN74AHC74RGYR	TLV320A23B RHDRG4	TRF3762-E RHATG4
ADS8325 BDRBR	DAC8881 SRGER	SN74AHC74RGYRG4	TLV320A3204 RHBRG4	TRF7904RGPR
ADS8325 BDRBRG4	DAC8881 SRGERG4	SN74AHC86RGYR	TLV320A3254 RHBRG4	TRF7904RGPRG4
ADS8325 BDRBT	DAC8881 SRGET	SN74AHC86RGYRG4	TLV320ADC3101 IRGER	TRF7904RGPT
ADS8325 BDRBTG4	DAC8881 SRGETG4	SN74AHC04RGYR	TLV320ADC3101 IRGET	TRF7904RGPTG4
ADS8325 DRBR	DAC9881 SBRGER	SN74AHC04RGYRG4	TLV320A1C12K RHBR	TRS3243ECRHBR
ADS8325 DRBRG4	DAC9881 SBRGERG4	SN74ALVC00RGYR	TLV320A1C12K RHBT	TRS3243ECRHBRG4
ADS8325 DRBT	DAC9881 SBRGET	SN74ALVC00RGYRG4	TLV320A1C19 RHBR	TRS3243E RHBR
ADS8325 DRBTG4	DAC9881 SBRGETG4	SN74ALVC04RGYR	TLV320A1C19 RHBRG4	TRS3243E RHBRG4
ADS8327 IBRSAR	DAC9881 SRGER	SN74ALVC04RGYRG4	TLV320A1C19 RHBT	TS2DP512ARTQR
ADS8327 IBRSARG4	DAC9881 SRGERG4	SN74ALVC08RGYR	TLV320A1C19 RHBTG4	TS2DP512ARTQT
ADS8327 IBRSAT	DAC9881 SRGET	SN74ALVC08RGYRG4	TLV320A1C23B RHDR	TS2DP512RTQR
ADS8327 IBRSATG4	DAC9881 SRGETG4	SN74ALVC244RGYR	TLV320A1C23B RHDRG4	TS2DP512RTQRG4
ADS8327 IBRSAR	DRV401A IRGWR	SN74ALVC244RGYRG4	TLV320A1C23B RHDR	TS2DP512RTQT
ADS8327 IBRSARG4	DRV401A IRGWRG4	SN74ALVC245RGYR	TLV320A1C23BRHD	TS2DP512RTQTG4
ADS8327 IBRSAT	DRV401A IRGWT	SN74ALVC245RGYRG4	TLV320A1C23BRHDG4	TS3A24159DRCR
ADS8327 IBRSATG4	DRV401A IRGWTG4	SN74AUC00RGYR	TLV320A1C23BRHDR	TS3A24159DRCRG4
ADS8328 IBRSAR	HPA000931 RGZR	SN74AUC00RGYRG4	TLV320A1C23BRHDRG4	TS3A44159RGTR
ADS8328 IBRSARG4	HPA00108RHBR	SN74AUC02RGYR	TLV320A1C26 IRHB	TS3A44159RGTRG4
ADS8328 IBRSAT	HPA00142A DRBRG4	SN74AUC02RGYRG4	TLV320A1C26 IRHBG4	TS3A4751RGYR
ADS8328 IBRSATG4	HPA00142A DRBTG4	SN74AUC04RGYR	TLV320A1C26 IRHBR	TS3A4751RGYRG4
ADS8328 IBRSAR	HPA00155RSAR	SN74AUC04RGYRG4	TLV320A1C26 IRHBRG4	TS3L4892RHHR
ADS8328 IBRSARG4	HPA00160RGWR	SN74AUC06RGYR	TLV320A1C28 IRGZ	TS3USB221DRCR
ADS8328 IBRSAT	HPA00161RGWR	SN74AUC06RGYRG4	TLV320A1C28 IRGZG4	TS3USB221DRCRG4
ADS8328 IBRSATG4	HPA00168 RHBR	SN74AUC07RGYR	TLV320A1C28 IRGZR	TS3USB221EDRCR
ADS8329 IBRSAR	HPA00176BRHDR	SN74AUC07RGYRG4	TLV320A1C28 IRGZRG4	TS5A22362DRCR
ADS8329 IBRSARG4	HPA00199DRBR	SN74AUC08RGYR	TLV320A1C29 IRGZR	TS5A22362DRCRG4
ADS8329 IBRSAT	HPA00202DRBR	SN74AUC08RGYRG4	TLV320A1C29 IRGZRG4	TS5A22364DRCR
ADS8329 IBRSATG4	HPA00217A DRBR	SN74AUC125RGYR	TLV320A1C29 IRGZT	TSC2008IRGVR
ADS8329 IBRSAR	HPA00223 RHBR	SN74AUC125RGYRG4	TLV320A1C29 IRGZTG4	TSC2008IRGVT
ADS8329 IBRSARG4	HPA00234DRCRG4	SN74AUC126RGYR	TLV320A1C3000 IRGZR	TSC2046E IRGVR
ADS8329 IBRSAT	HPA00256K RHBR	SN74AUC126RGYRG4	TLV320A1C3000 IRGZT	TSC2046E IRGVRG4
ADS8329 IBRSATG4	HPA00269 RHBR	SN74AUC14RGYR	TLV320A1C3004 RHBR	TSC2046E IRGVT

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ADS8330IBRSAR	HPA00399RHDR	SN74AUC14RGYRG4	TLV320AIC3004IRHBT	TSC2046EIRGVTG4
ADS8330IBRSARG4	HPA00419RGPR	SN74AUC17RGYR	TLV320AIC3101IRHBR	TSC2046IRGVR
ADS8330IBRSAT	HPA00420RGVR	SN74AUC17RGYRG4	TLV320AIC3101IRHBT	TSC2046IRGVRG4
ADS8330IBRSATG4	HPA00474RHBR	SN74AUC240RGYR	TLV320AIC3104IRHBR	TSC2046IRGVT
ADS8330IBRSAR	HPA00475RTQR	SN74AUC240RGYRG4	TLV320AIC3104IRHBT	TSC2046IRGVTG4
ADS8330IBSARG4	HPA00499RHBR	SN74AUC244RGYR	TLV320AIC3105IRHBR	TSC2100IRHB
ADS8330IBSAT	HPA00503RGTR	SN74AUC244RGYRG4	TLV320AIC3105IRHBT	TSC2100IRHBG4
ADS8330IBSATG4	HPA00504RGPR	SN74AUC245RGYR	TLV320AIC3106IRGZR	TSC2100IRHBR
ADS8361IRHBR	HPA00530RGER	SN74AUC245RGYRG4	TLV320AIC3106IRGZT	TSC2100IRHBG4
ADS8361IRHBG4	HPA00554DRBR	SN74AUC32RGYR	TLV320AIC3111IRHBR	TSC2101IRGZ
ADS8361IRHBT	HPA00584RGWR	SN74AUC32RGYRG4	TLV320AIC3111IRHBT	TSC2101IRGZG4
ADS8361IRHBTG4	HPA00643DRBR	SN74AUC34RGYR	TLV320AIC31IRHBR	TSC2101IRGZR
ADS8410IBRGZR	HPA00650DRBR	SN74AUC34RGYRG4	TLV320AIC31IRHBG4	TSC2101IRGZRG4
ADS8410IBRGZRG4	HPA00664RGER	SN74AUC74RGYR	TLV320AIC31IRHBT	TSC2111IRGZR
ADS8410IBRGZT	HPA00702F128RHAR	SN74AUC74RGYRG4	TLV320AIC31IRHBTG4	TSC2111IRGZRG4
ADS8410IBRGZTG4	LOG114AIRGVR	SN74AUCH240RGYR	TLV320AIC3204IRHBR	TSC2111IRGZT
ADS8410IRGZR	LOG114AIRGVRG4	SN74AUCH240RGYRG4	TLV320AIC3204IRHBT	TSC2111IRGZTG4
ADS8410IRGZRG4	LOG114AIRGVT	SN74AUCH244RGYR	TLV320AIC3254IRHBR	TSC2117IRGZR
ADS8410IRGZT	LOG114AIRGVTG4	SN74AUCH244RGYRG4	TLV320AIC3254IRHBT	TSC2117IRGZT
ADS8410IRGZTG4	MAX3243ECRHBR	SN74AUCH245RGYR	TLV320AIC32IRHBR	TSC2200IRHB
ADS8413IBRGZR	MAX3243ECRHBRG4	SN74AUCH245RGYRG4	TLV320AIC32IRHBG4	TSC2200IRHBG4
ADS8413IBRGZRG4	MAX3243EIRHBR	SN74AUCU04RGYR	TLV320AIC32IRHBT	TSC2200IRHBR
ADS8413IBRGZT	MAX3243EIRHBG4	SN74AUCU04RGYRG4	TLV320AIC32IRHBTG4	TSC2200IRHBG4
ADS8413IBRGZTG4	MPD23698RHA	SN74AVC6T622RGYR	TLV320AIC33IRGZR	TSC2302IRGZ
ADS8413IRGZR	MSC1201Y2RHHR	SN74AVC6T622RGYRG4	TLV320AIC33IRGZRG4	TSC2302IRGZG4
ADS8413IRGZRG4	MSC1201Y2RHHRG4	SN74CB3Q3125RGYR	TLV320AIC33IRGZT	TSC2302IRGZR
ADS8413IRGZT	MSC1201Y2RHHT	SN74CB3Q3244RGYR	TLV320AIC33IRGZTG4	TSC2302IRGZRG4
ADS8413IRGZTG4	MSC1201Y2RHHTG4	SN74CB3Q3245RGYR	TLV320DA26IRHBG4	TUSB1105RGTR
ADS8471IBRGZR	MSC1201Y3RHHR	SN74CB3Q3345RGYR	TLV320DAC23IRHD	TUSB1105RGTRG4
ADS8471IBRGZRG4	MSC1201Y3RHHRG4	SN74CB3T125RGYR	TLV320DAC23IRHDG4	TUSB1106RGTR
ADS8471IBRGZT	MSC1201Y3RHHT	SN74CBT3125CRGYR	TLV320DAC23IRHDR	TUSB1106RGTRG4
ADS8471IBRGZTG4	MSC1201Y3RHHTG4	SN74CBT3125CRGYRG4	TLV320DAC23IRHBRG4	TUSB2046BIRHBR
ADS8471IRGZR	MSC1202Y2RHHR	SN74CBT3125RGYR	TLV320DAC23RHD	TUSB2046BIRHBG4
ADS8471IRGZRG4	MSC1202Y2RHHRG4	SN74CBT3125RGYRG4	TLV320DAC23RHDG4	TUSB2046BIRHBT
ADS8471IRGZT	MSC1202Y2RHHT	SN74CBT3126RGYR	TLV320DAC23RHDR	TUSB2046BIRHBTG4
ADS8471IRGZTG4	MSC1202Y2RHHTG4	SN74CBT3126RGYRG4	TLV320DAC23RHDRG4	TUSB2551ARGTR
ADS8472IBRGZR	MSC1202Y3RHHR	SN74CBT3244CRGYR	TLV320DAC26IRHB	TUSB2551RGTR
ADS8472IBRGZRG4	MSC1202Y3RHHRG4	SN74CBT3244CRGYRG4	TLV320DAC26IRHBG4	TUSB3410IRHB
ADS8472IBRGZT	MSC1202Y3RHHT	SN74CBT3244RGYR	TLV320DAC26IRHBR	TUSB3410IRHBG4
ADS8472IBRGZTG4	MSC1202Y3RHHTG4	SN74CBT3244RGYRG4	TLV320DAC26IRHBG4	TUSB3410IRHBR
ADS8472IRGZR	MSP430F2274MRHATEP	SN74CBT3245ARGYR	TLV320DAC32IRHBR	TUSB3410IRHBG4
ADS8472IRGZRG4	ONET1101LRGER	SN74CBT3245ARGYRG4	TLV320DAC32IRHBG4	TUSB3410RHB
ADS8472IRGZT	ONET1101LRGERG4	SN74CBT3245CRGYR	TLV320DAC32IRHBT	TUSB3410IRHBG4
ADS8472IRGZTG4	ONET1101LRGET	SN74CBT3245CRGYRG4	TLV320DAC32IRHBTG4	TUSB3410RHBR
ADS8481IBRGZR	ONET1101LRGETG4	SN74CBT3345CRGYR	TLVAIC12KIRHBG4	TUSB3410RHBRG4
ADS8481IBRGZRG4	ONET1191VRGPR	SN74CBT3345CRGYRG4	TLVAIC12KIRHBTG4	TXB0104RGYR
ADS8481IBRGZT	ONET1191VRGPRG4	SN74CBT6845CRGYR	TLVAIC3000IRGZRG4	TXB0104RGYRG4
ADS8481IBRGZTG4	ONET1191VRGPT	SN74CBT6845CRGYRG4	TLVAIC3000IRGZTG4	TXB0108RGYR
ADS8481IRGZR	ONET1191VRGPTG4	SN74CBTLV3125RGYR	TLVAIC3101IRHBG4	TXB0108RGYRG4
ADS8481IRGZRG4	ONET2501PARGTR	SN74CBTLV3126RGYR	TLVAIC3101IRHBTG4	TXS0104ERGYR
ADS8481IRGZT	ONET2501PARGTRG4	SN74CBTLV3245ARGYR	TLVAIC3104IRHBG4	TXS0104ERGYRG4
ADS8481IRGZTG4	ONET2501PARGTT	SN74LV00ARGYR	TLVAIC3104IRHBTG4	TXS0108ERGYR
ADS8482IBRGZR	ONET2501PARGTTG4	SN74LV00ARGYRG4	TLVAIC3105IRHBG4	UCD3020RGZR
ADS8482IBRGZRG4	ONET2511PARGTR	SN74LV02ARGYR	TLVAIC3105IRHBTG4	UCD3020RGZT
ADS8482IBRGZT	ONET2511PARGTRG4	SN74LV02ARGYRG4	TLVAIC3106IRGZRG4	UCD3028RHAR
ADS8482IBRGZTG4	ONET2511PARGTT	SN74LV04ARGYR	TLVAIC3106IRGZTG4	UCD3028RHAT
ADS8482IRGZR	ONET2511PARGTTG4	SN74LV04ARGYRG4	TMDS141RHAR	UCD9080RHBR
ADS8482IRGZRG4	ONET3301PARGTR	SN74LV08ARGYR	TMDS141RHARG4	UCD9080RHBRG4
ADS8482IRGZT	ONET3301PARGTRG4	SN74LV08ARGYRG4	TPA2005D1DRBR	UCD9080RHBT
ADS8482IRGZTG4	ONET3301PARGTT	SN74LV125ARGYR	TPA2005D1DRBRG4	UCD9080RHBTG4
ADS8484IBRGZR	ONET3301PARGTTG4	SN74LV125ARGYRG4	TPA2006D1DRBR	UCD9081RHBR
ADS8484IBRGZRG4	ONET4201LDRGER	SN74LV125ATRGYR	TPA2006D1DRBRG4	UCD9081RHBRG4
ADS8484IBRGZT	ONET4201LDRGERG4	SN74LV125ATRGYRG4	TPA2006D1DRBT	UCD9081RHBT
ADS8484IBRGZTG4	ONET4201LDRGET	SN74LV14ARGYR	TPA2006D1DRBTG4	UCD9081RHBTG4
ADS8484IRGZR	ONET4201LDRGETG4	SN74LV14ARGYRG4	TPA5050RSAR	UCD9112RHBR
ADS8484IRGZRG4	ONET4201PARGTR	SN74LV14ARGYR-MI	TPA5050RSARG4	UCD9112RHBRG4

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ADS84841RGZT	ONET4201PARGTRG4	SN74LV164ARGYR	TPA5050RSAT	UCD9112RHBT
ADS84841RGZTG4	ONET4201PARGTT	SN74LV164ARGYRG4	TPA5050RSATG4	UCD9112RHBTG4
AIC1111RHB	ONET4201PARGTTG4	SN74LV244ARGYR	TPA5051RSAR	UCD9125RHBR
AIC1111RHBG4	ONET4211LDRGER	SN74LV244ARGYRG4	TPA5051RSARG4	UCD9125RHBRG4
AIC1111RHBR	ONET4211LDRGERG4	SN74LV244ATRGYR	TPA5051RSAT	UCD9125RHBT
AIC1111RHBRG4	ONET4211LDRGET	SN74LV244ATRGYRG4	TPA5051RSATG4	UCD9125RHBTG4
AMC12101RHAR	ONET4211LDRGETG4	SN74LV245ARGYR	TPA5052RSAR	UCD9211RHAR
AMC12101RHARG4	ONET4251PARGTR	SN74LV245ARGYRG4	TPA5052RSARG4	UCD9211RHAT
AMC12101RHAT	ONET4251PARGTRG4	SN74LV245ATRGYR	TPA5052RSAT	UCD9212RHAR
AMC12101RHATG4	ONET4251PARGTT	SN74LV245ATRGYRG4	TPA5052RSATG4	UCD9212RHAT
BQ24001RGWR	ONET4251PARGTTG4	SN74LV273ARGYR	TPS2358RGZR	UCD9220RGZR
BQ24001RGWRG4	ONET4291PARGVR	SN74LV273ARGYRG4	TPS2358RGZRG4	UCD9220RGZT
BQ24002RGWR	ONET4291PARGVGR4	SN74LV32ARGYR	TPS2358RGZT	UCD9324RGZR
BQ24002RGWRG4	ONET4291PARGVT	SN74LV32ARGYRG4	TPS2358RGZTG4	UCD9324RGZT
BQ24003RGWR	ONET4291PARGVTG4	SN74LV373ARGYR	TPS2359RHHR	V62/08631-01XE
BQ24003RGWRG4	ONET4291VARGPR	SN74LV373ARGYRG4	TPS2359RHHRG4	V62/09619-01XE
BQ24007RGWR	ONET4291VARGPRG4	SN74LV373ATRGYR	TPS2359RHHT	VCA2615RGZR
BQ24007RGWRG4	ONET4291VARGPT	SN74LV373ATRGYRG4	TPS2359RHHTG4	VCA2615RGZRG4
BQ24703RHDR	ONET4291VARGPTG4	SN74LV374ARGYR	TPS2458RHBR	VCA2615RGZT
BQ24703RHDRG4	ONET8501PBRGTR	SN74LV374ARGYRG4	TPS2458RHBT	VCA2615RGZTG4
BQ24721CRHBR	ONET8501PBRGTRG4	SN74LV374ATRGYR	TPS2459RHBR	VCA2617RHBR
BQ24721CRHBRG4	ONET8501PBRGTT	SN74LV374ATRGYRG4	TPS2459RHBT	VCA2617RHBRG4
BQ24721CRHBT	ONET8501PBRGTTG4	SN74LV4066ARGYR	TPS28225DRBR	VCA2617RHBT
BQ24721CRHBTG4	ONET8501PRGTR	SN74LV4066ARGYRG4	TPS28225DRBRG4	VCA2617RHBTG4
BQ24740RHDR	ONET8501PRGTRG4	SN74LV540ARGYR	TPS28225DRBT	XTR111A1DRCR
BQ24740RHDRG4	ONET8501PRGTT	SN74LV540ARGYRG4	TPS28225DRBTG4	XTR111A1DRCRG4
BQ24740RHDT	ONET8501PRGTTG4	SN74LV541ARGYR	TPS28226DRBR	XTR111A1DRCT
BQ24740RHDTG4	ONET8501VRGPR	SN74LV541ARGYRG4	TPS28226DRBRG4	XTR111A1DRCTG4
BQ24741RHDR	ONET8501VRGPRG4	SN74LV541ATRGYR	TPS28226DRBT	XTR117A1DRBR
BQ24741RHDT	ONET8501VRGPT	SN74LV541ATRGYRG4	TPS28226DRBTG4	XTR117A1DRBRG4
BQ24745RHDR	ONET8501VRGPTG4	SN74LV573ARGYR	TPS40090RHDR	XTR117A1DRBT
BQ24745RHDRG4	ONET8511PRGTR	SN74LV573ARGYRG4	TPS40090RHDRG4	XTR117A1DRBTG4
BQ24745RHDT	ONET8511PRGTRG4	SN74LV573ATRGYR	TPS40090RHDT	
BQ24745RHDTG4	ONET8511PRGTT	SN74LV573ATRGYRG4	TPS40090RHDTG4	
BQ24750ARHDR	ONET8511PRGTTG4	SN74LV574ARGYR	TPS40091RHDR	

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対象製品名 - Cu(銅)線ボンディングワイヤ				
□ : 認定完了品 薄字右詰 : 未認定品				
BQ24010ADRCR	SNO604023DRCT	TPS40132RHBR	TPS62110RSARG4	TPS65141RGERG4
BQ24010DRCR	SNO604023DRCTG4	TPS40132RHBRG4	TPS62110RSAT	TPS65145RGER
BQ24010DRCRG4	SNO604069DRCR	TPS40132RHBT	TPS62110RSATG4	TPS65145RGERG4
BQ24012DRCR	SNO604069DRCRG4	TPS40132RHBTG4	TPS62111MRSAREP	TPS65146RGER
BQ24012DRCRG4	SNO607046DRCR	TPS40140RHR	TPS62111RSAR	TPS65148RHBR
BQ24013DRCR	SNO607046DRCRG4	TPS40140RHR/2801	TPS62111RSARG4	TPS65148RHBT
BQ24013DRCRG4	SNO608010RGER	TPS40140RHRG4	TPS62111RSAT	TPS65150RGER
BQ24014DRCR	SNO608010RGERG4	TPS40140RHHT	TPS62111RSATG4	TPS65150RGERG4
BQ24014DRCRG4	SNO608098RHBR	TPS40140RHHTG4	TPS62112MRSAREP	TPS65162RGZR
BQ24018DRCR	SNO608098RHBRG4	TPS40180RGER	TPS62112RSAR	TPS65162RGZRG4
BQ24018DRCRG4	SNO611035DRPR	TPS40180RGERG4	TPS62112RSARG4	TPS65166RHAR
BQ24018DRCT	SNO611035DRPRG4	TPS40180RGET	TPS62112RSAT	TPS65167ARHAR
BQ24018DRCTG4	SNO701013DRCR	TPS40180RGETG4	TPS62112RSATG4	TPS65167ARHARG4
BQ24020DRCR	SNO701013DRCRG4	TPS40190DRCR	TPS62113RSAR	TPS65167RHAR
BQ24020DRCRG4	SNO701064RHBR	TPS40190DRCRG4	TPS62113RSAT	TPS65167RHARG4
BQ24022DRCR	SNO701064RHBRG4	TPS40190DRCT	TPS62355DRCR	TPS65167RHAT
BQ24022DRCRG4	SNO706026RHR	TPS40190DRCTG4	TPS62355DRCRG4	TPS65167RHATG4
BQ24023DRCR	SNO706026RHRG4	TPS40192DRCR	TPS62400DRCR	TPS65171RHAR
BQ24023DRCRG4	SNO802043RHBR	TPS40192DRCRG4	TPS62400DRCRG4	TPS65510RGTR
BQ24024DRCR	SNO802043RHBRG4	TPS40192DRCT	TPS62400DRCT	TPS65510RGTRG4
BQ24024DRCRG4	SNO803054DRCR	TPS40192DRCTG4	TPS62400DRCTG4	TPS65510RGTT
BQ24025DRCR	SNO803054DRCRG4	TPS40193DRCR	TPS62401DRCR	TPS65510RGTTG4
BQ24025DRCRG4	SNO804022RGER	TPS40193DRCRG4	TPS62401DRCRG4	TPS65530ARSLR
BQ24026DRCR	SNO804022RGERG4	TPS40193DRCT	TPS62401DRCT	TPS65530ARSLRG4
BQ24026DRCRG4	SNO804022RGET	TPS40193DRCTG4	TPS62401DRCTG4	TPS65530ARSLT
BQ24027DRCR	SNO804022RGETG4	TPS40200DRBR	TPS62402DRCR	TPS65530ARSLTG4
BQ24027DRCRG4	SNO805013DRCR	TPS40200DRBT	TPS62402DRCRG4	TPS65530RSLR
BQ24027DRCT	SNO805013DRCRG4	TPS40222DRPR	TPS62402DRCT	TPS65530RSLRG4
BQ24027DRCTG4	SNO805016DRBR	TPS40222DRPRG4	TPS62402DRCTG4	TPS65530RSLT
BQ24060DRCR	SNO805016DRBRG4	TPS40222DRPT	TPS62403DRCR	TPS65530RSLTG4
BQ24060DRCRG4	SNO810083RGER	TPS40222DRPTG4	TPS62403DRCRG4	TPS65560RGTR
BQ24060DRCT	SNO811020RGER	TPS51113DRCR	TPS62403DRCT	TPS65560RGTRG4
BQ24060DRCTG4	SN212005DRCR	TPS51113DRCT	TPS62403DRCTG4	TPS65560RGTT
BQ24061DRCR	SN212005DRCRG4	TPS51116RGER	TPS62410DRCR	TPS65560RGTTG4
BQ24061DRCRG4	SN3100D2RGZR	TPS51116RGER/2354	TPS62410DRCRG4	TPS65561RGTR
BQ24061DRCT	SN3100D2RGZRG4	TPS51116RGERG4	TPS62410DRCT	TPS65561RGTRG4
BQ24061DRCTG4	SN3101D2RGZR	TPS51116RGET	TPS62410DRCTG4	TPS65561RGTT
BQ24064DRCR	SN3101D2RGZRG4	TPS51116RGETG4	TPS62420DRCR	TPS65561RGTTG4
BQ24064DRCRG4	SN412030DRCR	TPS51117RGYR	TPS62420DRCRG4	TPS65562RGTR
BQ24064DRCT	SN412030DRCRG4	TPS51117RGYRG4	TPS62420DRCT	TPS65562RGTRG4
BQ24064DRCTG4	TLC5928RGER	TPS51117RGYT	TPS62420DRCTG4	TPS65562RGTT
BQ24072RGTR	TLC5928RGET	TPS51117RGYTG4	TPS62510DRCR	TPS65562RGTTG4
BQ24072RGTRG4	TLC5940RHBR	TPS51120RHBR	TPS62510DRCR/2801	TPS65563ARGTR
BQ24072RGTT	TLC5940RHBRG4	TPS51120RHBRG4	TPS62510DRCRG4	TPS65563ARGTRG4
BQ24072RGTTG4	TLC5941RHBR	TPS51120RHBT	TPS62510DRCT	TPS65563ARGTT
BQ24073RGTR	TLC5941RHBRG4	TPS51120RHBTG4	TPS62510DRCTG4	TPS65563ARGTTG4
BQ24073RGTRG4	TLC5941RHBT	TPS51123RGER	TPS63000DRCR	TPS65563RGTR
BQ24073RGTT	TLC5941RHBTG4	TPS51123RGET	TPS63000DRCRG4	TPS65563RGTRG4
BQ24073RGTTG4	TLC5942RHBR	TPS51124RGER	TPS63000DRCT	TPS65563RGTT
BQ24074RGTR	TLC5942RHBRG4	TPS51124RGER/2354	TPS63000DRCTG4	TPS65563RGTTG4
BQ24074RGTRG4	TLC5942RHBT	TPS51124RGERG4	TPS63001DRCR	TPS65800RTQR
BQ24074RGTT	TLC5942RHBTG4	TPS51124RGET	TPS63001DRCRG4	TPS65800RTQRG4
BQ24074RGTTG4	TLC5943RHBR	TPS51124RGETG4	TPS63001DRCT	TPS65800RTQT
BQ24075RGTR	TLC5943RHBRG4	TPS51125RGER	TPS63001DRCTG4	TPS65800RTQTG4
BQ24075RGTRG4	TLC5943RHBT	TPS51125RGER/2354	TPS63002DRCR	TPS65810RTQR
BQ24075RGTT	TLC5943RHBTG4	TPS51125RGERG4	TPS63002DRCRG4	TPS65810RTQRG4
BQ24075RGTTG4	TLC5944RHBR	TPS51125RGET	TPS63002DRCT	TPS65810RTQT
BQ24080DRCR	TLC5944RHBRG4	TPS51125RGETG4	TPS63002DRCTG4	TPS65810RTQTG4
BQ24080DRCRG4	TLC5944RHBT	TPS51200DRC/2801	TPS63700DRCR	TPS65811RTQR
BQ24080DRCT	TLC5944RHBTG4	TPS51200DRCR	TPS63700DRCRG4	TPS65811RTQRG4
BQ24080DRCTG4	TLC5945RHBR	TPS51200DRCR/2801	TPS63700DRCT	TPS65811RTQT
BQ24081DRCR	TLC5945RHBRG4	TPS51200DRCRG4	TPS63700DRCTG4	TPS65811RTQTG4

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BQ24081DRCRG4	TLC5945RHBT	TPS51200DRCT	TPS65010RGZR	TPS65820RSHR
BQ24081DRCT	TLC5945RHBTG4	TPS51200DRCTG4	TPS65010RGZRG4	TPS65820RSHRG4
BQ24081DRCTG4	TLC5946RHBR	TPS51427ARHBR	TPS65010RGZT	TPS65820RSHR
BQ24083DRCR	TLC5946RHBRG4	TPS51427ARHBRG4	TPS65010RGZTG4	TPS65820RSHRG4
BQ24083DRCRG4	TLC5946RHBT	TPS51427ARHBT	TPS65011RGZR	TPS71202DRCR
BQ24083DRCT	TLC5946RHBTG4	TPS51427ARHBTG4	TPS65011RGZRG4	TPS71202DRCR/2801
BQ24083DRCTG4	TLC5947RHBR	TPS51427RHBR	TPS65012RGZR	TPS71202DRCRG4
BQ24085DRCR	TLC5947RHBRG4	TPS51427RHBRG4	TPS65012RGZRG4	TPS71202DRCT
BQ24085DRCRG4	TLC5947RHBT	TPS51427RHBT	TPS65012RGZT	TPS71202DRCTG4
BQ24085DRCT	TLC5947RHBTG4	TPS51427RHBTG4	TPS65012RGZTG4	TPS71202MDRCTEP
BQ24085DRCTG4	TPA2013D1RGPR	TPS54620RGYR	TPS65013RGZR	TPS71219DRCR
BQ24086DRCR	TPA2013D1RGPRG4	TPS54620RGYT	TPS65013RGZRG4	TPS71219DRCRG4
BQ24086DRCRG4	TPA2014D1RGPR	TPS61020DRCR	TPS65013RGZT	TPS71219DRCT
BQ24086DRCT	TPA2014D1RGPRG4	TPS61020DRCRG4	TPS65013RGZTG4	TPS71219DRCTG4
BQ24086DRCTG4	TPA2014D1RGPT	TPS61024DRCR	TPS65014RGZR	TPS71229DRCR
BQ24087DRCR	TPA2014D1RGPTG4	TPS61024DRCRG4	TPS65014RGZRG4	TPS71229DRCRG4
BQ24087DRCRG4	TPA3100D2RGZR	TPS61025DRCR	TPS65014RGZT	TPS71229DRCT
BQ24087DRCT	TPA3100D2RGZRG4	TPS61025DRCRG4	TPS65014RGZTG4	TPS71229DRCTG4
BQ24087DRCTG4	TPA3100D2RGZT	TPS61026DRCR	TPS65020RHAR	TPS71247DRCR
BQ24088DRCR	TPA3100D2RGZTG4	TPS61026DRCRG4	TPS65020RHARG4	TPS71247DRCRG4
BQ24088DRCRG4	TPA3101D2RGZR	TPS61026DRCT	TPS65020RHAT	TPS71247DRCT
BQ24088DRCT	TPA3101D2RGZRG4	TPS61026DRCTG4	TPS65020RHATG4	TPS71247DRCTG4
BQ24088DRCTG4	TPA3101D2RGZT	TPS61027DRCR	TPS65021RHAR	TPS71256DRCR
BQ24230RGTR	TPA3101D2RGZTG4	TPS61027DRCRG4	TPS65021RHARG4	TPS71256DRCRG4
BQ24230RGTRG4	TPA6020A2RGWR	TPS61027DRCRSY	TPS65021RHAT	TPS71256DRCT
BQ24230RGTT	TPA6020A2RGWRG4	TPS61028DRCR	TPS65021RHATG4	TPS71256DRCTG4
BQ24230RGTTG4	TPA6020A2RGWT	TPS61028DRCRG4	TPS65022RHAR	TPS71257DRCR
BQ24232RGTR	TPA6020A2RGWTG4	TPS61029DRCR	TPS65022RHARG4	TPS71257DRCRG4
BQ24232RGTRG4	TPA6040A4RHBR	TPS61029DRCRG4	TPS65022RHAT	TPS71257DRCT
BQ24232RGTT	TPA6040A4RHBRG4	TPS61029DRCT	TPS65022RHATG4	TPS71257DRCTG4
BQ24232RGTTG4	TPA6041A4RHBR	TPS61029DRCTG4	TPS650240RHBR	TPS71319DRCR
BQ24705RGER	TPA6041A4RHBRG4	TPS61030RSAR	TPS650240RHBRG4	TPS71319DRCRG4
BQ24705RGERG4	TPA6043A4RHBR	TPS61030RSARG4	TPS650240RHBT	TPS71319DRCT
BQ24705RGET	TPA6043A4RHBRG4	TPS61031RSAR	TPS650240RHBTG4	TPS71319DRCTG4
BQ24705RGETG4	TPA6045A4CRHBR	TPS61031RSARG4	TPS650241RHBR	TPS71334DRCR
HPA00045DRCR	TPA6047A4RHBR	TPS61032RSAR	TPS650241RHBRG4	TPS71334DRCRG4
HPA00073DRCR	TPA6047A4RHBRG4	TPS61032RSARG4	TPS650241RHBT	TPS71334DRCT
HPA00091DRCR	TPA6201A1DRB	TPS61042DRBR	TPS650241RHBTG4	TPS71334DRCTG4
HPA00096DRCR	TPA6201A1DRBG4	TPS61042DRBRG4	TPS650242RHBR	TPS73201DRBR
HPA00096DRCRG4	TPA6201A1DRBR	TPS61042DRBT	TPS650242RHBRG4	TPS73201DRBRG4
HPA00102DRCR	TPA6201A1DRBRG4	TPS61042DRBTG4	TPS650242RHBT	TPS73201DRBT
HPA00105DRBR	TPA6203A1DRB	TPS61043DRBR	TPS650242RHBTG4	TPS73201DRBTG4
HPA00145DRCR	TPA6203A1DRBG4	TPS61043DRBRG4	TPS650243RHBR	TPS73601DRBR
HPA00174DRBR	TPA6203A1DRBR	TPS61043DRBT	TPS650243RHBRG4	TPS73601DRBRG4
HPA00177DRBR	TPA6203A1DRBRG4	TPS61043DRBTG4	TPS650243RHBT	TPS73601DRBT
HPA00183DRPR	TPA6204A1DRB	TPS61045DRBR	TPS650243RHBTG4	TPS73601DRBTG4
HPA00188DRCR	TPA6204A1DRBG4	TPS61045DRBRG4	TPS650244RHBR	TPS73601MDRREP
HPA00198DRBR	TPA6204A1DRBR	TPS61045DRBT	TPS650244RHBRG4	TPS736125DRBR
HPA00204DRCR	TPA6204A1DRBRG4	TPS61045DRBTG4	TPS650244RHBT	TPS736125DRBRG4
HPA00205DRBR	TPA6205A1DRBR	TPS61050DRCR	TPS650244RHBTG4	TPS736125DRBT
HPA00219RHBR	TPA6205A1DRBRG4	TPS61050DRCRG4	TPS650245RHBR	TPS736125DRBTG4
HPA00220RGER	TPA6205A1DRBT	TPS61050DRCT	TPS650245RHBRG4	TPS73615DRBR
HPA00221RGTR	TPA6205A1DRBTG4	TPS61050DRCTG4	TPS650245RHBT	TPS73615DRBRG4
HPA00228RGTRG4	TPA6211A1DRB	TPS61052DRCR	TPS650245RHBTG4	TPS73615DRBT
HPA00233RGER	TPA6211A1DRBG4	TPS61052DRCRG4	TPS650250RHBR	TPS73615DRBTG4
HPA00238DRCR	TPA6211A1DRBR	TPS61052DRCT	TPS650250RHBT	TPS73619DRBR
HPA00239DRCR	TPA6211A1DRBRG4	TPS61052DRCTG4	TPS65050RSMR	TPS73619DRBRG4
HPA00243RHAR	TPS2042BDRBR	TPS61054DRCR	TPS65050RSMRG4	TPS73619DRBT
HPA00246DRBR	TPS2042BDRBT	TPS61054DRCRG4	TPS65050RSMT	TPS73619DRBTG4
HPA00247DRBR	TPS2052BDRBR	TPS61054DRCT	TPS65050RSMTG4	TPS73633DRBR
HPA00249DRCR	TPS2052BDRBT	TPS61054DRCTG4	TPS65051RSMR	TPS73633DRBRG4
HPA00302DRBR	TPS2060DRBR	TPS61055DRCR	TPS65051RSMRG4	TPS73633DRBT
HPA00339RHHR	TPS2060DRBT	TPS61055DRCRG4	TPS65051RSMT	TPS73633DRBTG4
HPA00349DRCR	TPS2062ADRBR	TPS61055DRCT	TPS65051RSMTG4	TPS73701DRBR
HPA00350DRCR	TPS2062ADRBRG4	TPS61055DRCTG4	TPS65052RSMR	TPS73701DRBRG4
HPA00351DRCR	TPS2062ADRBT	TPS61058DRCR	TPS65052RSMRG4	TPS73701DRBT

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HPA00355DRCR	TPS2062ADRBTG4	TPS61058DRCRG4	TPS65052RSMT	TPS73701DRBTG4
HPA00360DRBR	TPS2064DRBR	TPS61059DRCR	TPS65052RSMTG4	TPS73730DRBR
HPA00376DRCR	TPS2064DRBT	TPS61059DRCRG4	TPS65053RGER	TPS73730DRBT
HPA00377DRCR	TPS2066ADRBR	TPS61059DRCT	TPS65053RGERG4	TPS74701DRCR
HPA00379DRBR	TPS2066ADRBRG4	TPS61059DRCTG4	TPS65053RGER-LI	TPS74701DRCR/2801
HPA00390RHBR	TPS2066ADRBT	TPS61080DRCR	TPS65053RGET	TPS74701DRCRG4
HPA00398DRBR	TPS2066ADRBTG4	TPS61080DRCRG4	TPS65053RGETG4	TPS74701DRCT
HPA00455DRCR	TPS2115ADRBR	TPS61080DRCT	TPS65053RGET-LI	TPS74701DRCTG4
HPA00458RHBR	TPS2115ADRBRG4	TPS61080DRCTG4	TPS65054RSMR	TPS74801DRCR
HPA00470A1DRBR	TPS2115ADRBT	TPS61081DRCR	TPS65054RSMRG4	TPS74801DRCR/2801
HPA00480RHBR	TPS2115ADRBTG4	TPS61081DRCRG4	TPS65054RSMT	TPS74801DRCRG4
HPA00483DRBR	TPS2231MRGPR	TPS61081DRCT	TPS65054RSMTG4	TPS74801DRCT
HPA00497RGPR	TPS2231MRGPR-1	TPS61081DRCTG4	TPS65055RSMR	TPS74801DRCTG4
HPA00511DRBR	TPS2231MRGPR-1G4	TPS61087DRCR	TPS65055RSMRG4	TPS74801RGWR
HPA00512DRCR	TPS2231MRGPR-2	TPS61087DRCRG4	TPS65055RSMT	TPS74801RGWRG4
HPA00514DRCR	TPS2231MRGPR-2G4	TPS61087DRCT	TPS65055RSMTG4	TPS74801RGWT
HPA00519RGZR	TPS2231MRGPRG4	TPS61087DRCTG4	TPS65056RSMR	TPS74801RGWTG4
HPA00527DRCR	TPS2231MRGPT	TPS61090RSAR	TPS65056RSMRG4	TPS74901RGWR
HPA00538RHBTG4	TPS2231MRGPT-1	TPS61090RSARG4	TPS65056RSMT	TPS74901RGWRG4
HPA00539RHBR	TPS2231MRGPT-1G4	TPS61091RSAR	TPS65056RSMTG4	TPS74901RGWT
HPA00546DRCR	TPS2231MRGPTG4	TPS61091RSARG4	TPS65058RGER	TPS74901RGWTG4
HPA00558DRCR	TPS2231RGPR	TPS61092RSAR	TPS65058RGERG4	TPS79501DRBR
HPA00572DRCR	TPS2231RGPRG4	TPS61092RSARG4	TPS65058RGET	TPS79501DRBRG4
HPA00583DRBR	TPS2231RGPT	TPS61100RGER	TPS65058RGETG4	TPS79501DRBT
HPA00593RHBR	TPS2231RGPTG4	TPS61100RGERG4	TPS65100RGER	TPS79501DRBTG4
HPA00611RHBR	TPS2420RSAR	TPS61120RSAR	TPS65100RGERG4	TPS79601DRBR
HPA00614DRCR	TPS2420RSAT	TPS61120RSARG4	TPS65101RGER	TPS79601DRBRG4
HPA00616DRCR	TPS2590RSAR	TPS61200DRCR	TPS65101RGERG4	TPS79601DRBT
HPA00617RGWR	TPS2590RSAT	TPS61200DRCRG4	TPS65105RGER	TPS79601DRBTG4
HPA00625DRCR	TPS40040DRBR	TPS61200DRCT	TPS65105RGERG4	TPS79613DRBR
HPA00639RHBR	TPS40040DRBRG4	TPS61200DRCTG4	TPS65120RGTR	TPS79613DRBRG4
HPA00642DRBR	TPS40040DRBT	TPS61201DRCR	TPS65120RGTRG4	TPS79613DRBT
HPA00652RGTR	TPS40040DRBTG4	TPS61201DRCRG4	TPS65120RGTT	TPS79613DRBTG4
HPA00661DRBR	TPS40041DRBR	TPS61201DRCT	TPS65120RGTTG4	TPS79628DRBR
HPA00680RSMR	TPS40041DRBRG4	TPS61201DRCTG4	TPS65121RGTR	TPS79628DRBRG4
HPA00684RGWR	TPS40041DRBT	TPS61202DRCR	TPS65121RGTRG4	TPS79628DRBT
HPA00753RGER	TPS40041DRBTG4	TPS61202DRCRG4	TPS65121RGTT	TPS79628DRBTG4
HPA00756D1RGPR	TPS40042DRCR	TPS61202DRCT	TPS65121RGTTG4	TPS79650DRBR
HPA00762RHHR	TPS40042DRCRG4	TPS61202DRCTG4	TPS65123RGTR	TPS79650DRBRG4
HPA00801DRBR	TPS40042DRCT	TPS62020DRCR	TPS65123RGTRG4	TPS79650DRBT
HPA00802DRCR	TPS40042DRCTG4	TPS62020DRCRG4	TPS65123RGTT	TPS79650DRBTG4
HPA00810RGTR-1/2	TPS40100RGER	TPS62021DRCR	TPS65123RGTTG4	UCC2541RHBR
PTPS61058DRCR	TPS40100RGERG4	TPS62021DRCRG4	TPS65124RGTR	UCC2541RHBRG4
SN0401021DRCR	TPS40100RGET	TPS62026DRCR	TPS65124RGTRG4	UCC2541RHBT
SN0401021DRCRG4	TPS40100RGETG4	TPS62026DRCRG4	TPS65124RGTT	UCC2541RHBTG4
SN0504037RGER	TPS40101RGER	TPS62040DRCR	TPS65124RGTTG4	UCC2897ARGPR
SN0504037RGERG4	TPS40101RGERG4	TPS62040DRCRG4	TPS65130RGER	UCC2897ARGPT
SN0510064DRCR	TPS40101RGET	TPS62042DRCR	TPS65130RGERG4	UCD7230RGWR
SN0510064DRCRG4	TPS40101RGETG4	TPS62042DRCRG4	TPS65130RGET	UCD7230RGWRG4
SN0512022DRBR	TPS40130RHBR	TPS62043DRCR	TPS65130RGETG4	UCD7230RGWT
SN0512022DRBRG4	TPS40130RHBRG4	TPS62043DRCRG4	TPS65131RGER	UCD7230RGWTG4
SN0512022DRBT	TPS40130RHBT	TPS62044DRCR	TPS65131RGERG4	V62/06626-01ZE
SN0512022DRBTG4	TPS40130RHBTG4	TPS62044DRCRG4	TPS65131RGET	V62/07622-01XE
SN0603044RSAR	TPS40131RHBR	TPS62046DRCR	TPS65131RGETG4	V62/07622-02XE
SN0603044RSARG4	TPS40131RHBRG4	TPS62046DRCRG4	TPS65140RGER	V62/07622-03XE
SN0604023DRCR	TPS40131RHBT	TPS62110MRSAREP	TPS65140RGERG4	V62/08621-01XE
SN0604023DRCRG4	TPS40131RHBTG4	TPS62110RSAR	TPS65141RGER	

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

日本テキサス・インスツルメンツ株式会社

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.					

日本テキサス・インスツルメンツ株式会社

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				

日本テキサス・インスツルメンツ株式会社

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				

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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:TPS62402DRCCR (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.					