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西新宿三井ビルディング

報告書番号：PCN#20090529000G
2010 年 10 月 6 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ヤ変更のご案内
(認定済/対象製品からの対象除外 29 製品の連絡)

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

今回のお知らせは、変更実施についての追加連絡になります。変更の詳細は、次頁以降をご参照下さい。

本通知期間は、弊社品質標準に基づいております。本変更に対するお客様個別のご要求に関しましては、個別契約にて承ります。弊社と合意済みの個別要求につきましては、別途対応させていただきます。担当営業にご確認下さい。

本通知は、通知日前 24 ヶ月以内に本変更対象製品をご購入いただいたお客様に連絡させていただいております。

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

変更概要

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/対象製品からの対象除外29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/部材変更品は 11 月上旬の出荷より予定しています。(第 11 版) 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	-	

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/対象製品からの対象除外29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

日本テキサス・インスツルメンツ株式会社

対象製品リスト

対象製品名 - Au(金)線ボンディングワイヤ
取消線:対象除外品 □:認定完了品 薄字右詰:未認定品

74CB3Q3125RGYRG4	BQ24750ARHDT	ONET8511PRGTT	SN74LV573ATRGYRG4	TPS40090RHDRG4
74CB3Q3244RGYRG4	BQ24750RHDR	ONET8511PRGTTG4	SN74LV574ARGYR	TPS40090RHDT
74CB3Q3245RGYRG4	BQ24750RHDRG4	ONET9901PARGP	SN74LV574ARGYRG4	TPS40090RHDTG4
74CB3Q3345RGYRG4	BQ24750RHDT	ONET9901PARGPG4	SN74LV74ARGYR	TPS40091RHDR
74CB3T3125RGYRG4	BQ24750RHDTG4	OPA2330A1DRBR	SN74LV74ARGYRG4	TPS40091RHDRG4
74CBTLV3125RGYRG4	BQ24751ARHDR	OPA2330A1DRBRG4	SN74LVC00ARGYR	TPS40091RHDT
74CBTLV3126RGYRG4	BQ24751ARHDRG4	OPA2330A1DRBT	SN74LVC00ARGYRG4	TPS40091RHDTG4
74CBTLV3245ARGYRG4	BQ24751ARHDT	OPA2330A1DRBTG4	SN74LVC02ARGYR	TPS4021ODRCR
74LVC2245ARGYRG4	BQ24751ARHDTG4	OPA2333A1DRBR	SN74LVC02ARGYRG4	TPS4021ODRCRG4
ADS11121DRCR	BQ24751BRHDR	OPA2333A1DRBRG4	SN74LVC04ARGYR	TPS4021ODRCT
ADS11121DRCRG4	BQ24751BRHDRG4	OPA2333A1DRBT	SN74LVC04ARGYRG4	TPS4021ODRCTG4
ADS11121DRCT	BQ24751BRHDT	OPA2333A1DRBTG4	SN74LVC06ARGYR	TPS40211DRCR
ADS11121DRCTG4	BQ24751BRHDTG4	OPA2373A1DRCR	SN74LVC06ARGYRG4	TPS40211DRCRG4
ADS12031RGTR	BQ24751RHDR	OPA2373A1DRCRG4	SN74LVC07ARGYR	TPS40211DRCT
ADS12031RGTRG4	BQ24751RHDRG4	OPA2373A1DRCT	SN74LVC07ARGYRG4	TPS40211DRCTG4
ADS12031RGTT	BQ24751RHDT	OPA2373A1DRCTG4	SN74LVC08ARGYR	TPS51103DRCR
ADS12031RGTTG4	BQ24751RHDTG4	OPA2381A1DRBR	SN74LVC08ARGYRG4	TPS51103DRCRG4
ADS12041RHBR	BQ24753ARHDR	OPA2381A1DRBRG4	SN74LVC10ARGYR	TPS51103DRCT
ADS12041RHBRG4	BQ24753ARHDT	OPA2381A1DRBT	SN74LVC10ARGYRG4	TPS51103DRCTG4
ADS12041RHBT	BQ24753RHDR	OPA2381A1DRBTG4	SN74LVC125ARGYR	TPS51163DRCR
ADS12041RHBTG4	BQ24753RHDT	OPA26731RGVR	SN74LVC125ARGYRG4	TPS51163DRCT
ADS12051RGER	BQ26100DRPR	OPA26731RGVRG4	SN74LVC126ARGYR	TPS51220RHBR
ADS12051RGERG4	BQ26100DRPRG4	OPA26731RGVT	SN74LVC126ARGYRG4	TPS51220RHBRG4
ADS12051RGET	BQ6400RGZR	OPA26731RGVTG4	SN74LVC14ARGYR	TPS51220RHBT
ADS12051RGETG4	BQ6400RGZT	OPA26771RGVR	SN74LVC14ARGYRG4	TPS51220RHBTG4
ADS12251RGVR	BQ76PL102RGT	OPA26771RGVRG4	SN74LVC244ARGYR	TPS516101RHBR
ADS12251RGVRG4	BQ76PL102RGTR	OPA26771RGVT	SN74LVC244ARGYRG4	TPS516101RHBT
ADS12251RGVT	BQ78PL114RGZR	OPA26771RGVTG4	SN74LVC245ARGYR	TPS51610RHBR
ADS12251RGVTG4	BQ78PL114RGZT	OPA26951RGTR	SN74LVC245ARGYRG4	TPS51610RHBRG4
ADS12261RGVR	BUF01900A1DRCR	OPA26951RGTRG4	SN74LVC32ARGYR	TPS51610RHBT
ADS12261RGVRG4	BUF01900A1DRCRG4	OPA26951RGTT	SN74LVC32ARGYRG4	TPS51620RHAR
ADS12261RGVT	BUF01900A1DRCT	OPA26951RGTTG4	SN74LVC373ARGYR	TPS51620RHARG4
ADS12261RGVTG4	BUF01900A1DRCTG4	OPA2727A1DRBR	SN74LVC373ARGYRG4	TPS51620RHAT
ADS55171RGZR	BUF01901A1DRCR	OPA2727A1DRBRG4	SN74LVC374ARGYR	TPS51620RHATG4
ADS55171RGZRG4	BUF01901A1DRCRG4	OPA2727A1DRBT	SN74LVC374ARGYRG4	TPS51727RHAR
ADS55171RGZT	BUF01901A1DRCT	OPA2727A1DRBTG4	SN74LVC541ARGYR	TPS51727RHARG4
ADS55171RGZTG4	BUF01901A1DRCTG4	OPA381A1DRBR	SN74LVC541ARGYRG4	TPS51727RHAT
ADS55251RGZR	CC1020-WAVENIS	OPA381A1DRBRG4	SN74LVC573ARGYR	TPS51727RHATG4
ADS55251RGZRG4	CC1020WRSS	OPA381A1DRBT	SN74LVC573ARGYRG4	TPS53124RGER
ADS55251RGZT	CC1020WRSSR	OPA381A1DRBTG4	SN74LVC574ARGYR	TPS53124RGERG4
ADS55251RGZTG4	CC1021RSS	OPA6531DRBR	SN74LVC574ARGYRG4	TPS53124RGET
ADS55271RGZR	CC1021RSSR	OPA6531DRBT	SN74LVC74ARGYR	TPS53124RGETG4
ADS55271RGZRG4	CC1021RSSRG4	OPA6591DRBR	SN74LVC74ARGYRG4	TPS54621RGYR
ADS55271RGZT	CC1021-RTB1	OPA6591DRBT	SN74LVC86ARGYR	TPS54621RGYT
ADS55271RGZTG4	CC1021-RTR1	OPA727A1DRBR	SN74LVC86ARGYRG4	TPS60230RGTR
ADS55451RGZR	CC2520RHDR	OPA727A1DRBRG4	SN74LVCH244ARGYR	TPS60230RGTRG4
ADS55451RGZRG4	CC2520RHDRG4	OPA727A1DRBT	SN74LVCH244ARGYRG4	TPS60230RGTT
ADS55451RGZT	CC2520RHDT	OPA727A1DRBTG4	SN74LVCH245ARGYR	TPS60230RGTTG4
ADS55451RGZTG4	CC2520RHDTG4	OPA728A1DRBR	SN74LVCH245ARGYRG4	TPS60231RGTR
ADS55461RGZR	CC2530F128RHAR	OPA728A1DRBRG4	SN74LVC2245ARGYR	TPS60231RGTRG4
ADS55461RGZRG4	CC2530F128RHAT	OPA728A1DRBT	SN74LV244BRGYR	TPS60231RGTT
ADS55461RGZT	CC2590RGVR	OPA728A1DRBTG4	SN74LV244BRGYRG4	TPS60231RGTTG4
ADS55461RGZTG4	CC2590RGVRG4	PCA9534ARGTR	SN74LV245BRGYR	TPS61010DRCR
ADS55471RGZR	CC2590RGVT	PCA9534ARGTRG4	SN74LV245BRGYRG4	TPS61010DRCRG4
ADS55471RGZRG4	CC2590RGVTG4	PCA9535RGER	SN74LVTH125RGYR	TPS61060DRBR
ADS55471RGZT	CC2591RGVR	PCA9535RGERG4	SN74LVTH125RGYRG4	TPS61060DRBRG4
ADS55471RGZTG4	CC2591RGVRG4	PCA9539RGER	SN74LVTH240RGYR	TPS61061DRBR
ADS55601RGZR	CC2591RGVT	PCA9539RGERG4	SN74LVTH240RGYRG4	TPS61061DRBRG4
ADS55601RGZRG4	CC2591RGVTG4	PCA9544ARGYR	SN74LVTH244ARGYR	TPS61062DRBR
ADS55601RGZT	CD3275AODRCR	PCA9544ARGYRG4	SN74LVTH244ARGYRG4	TPS61062DRBRG4
ADS55601RGZTG4	CD3301RHHR	PCA9545ARGYR	SN74LVTH245ARGYR	TPS61103RGER
ADS55621RGZR	CDC42110ORGER	PCA9545ARGYRG4	SN74LVTH245ARGYRG4	TPS61103RGERG4

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ADS5562IRGZRG4	CDC421100RGERG4	PCA9548ARGER	SN74LVTH573RGYR	TPS61106RGER
ADS5562IRGZT	CDC421100RGET	PCA9548ARGERG4	SN74LVTH573RGYRG4	TPS61106RGERG4
ADS5562IRGZTG4	CDC421100RGETG4	PCA9554ARGTR	SN74LVTH574RGYR	TPS61107RGER
ADS6122IRHBR	CDC421106RGER	PCA9554ARGTRG4	SN74LVTH574RGYRG4	TPS61107RGERG4
ADS6122IRHBRG4	CDC421106RGERG4	PCA9555RGER	SN74LVU04ARGYR	TPS61121RSAR
ADS6122IRHBT	CDC421106RGET	PCA9555RGERG4	SN74LVU04ARGYRG4	TPS61121RSARG4
ADS6122IRHBTG4	CDC421106RGETG4	PCF8574ARGYR	SN75DP118RHHR	TPS61130RSAR
ADS6123IRHBR	CDC421125RGER	PCF8574ARGYRG4	SN75DP118RHHRG4	TPS61130RSARG4
ADS6123IRHBRG4	CDC421125RGERG4	PCF8574RGTR	SN75DP118RHHT	TPS61132RSAR
ADS6123IRHBT	CDC421125RGET	PCF8574RGTRG4	SN75DP118RHHTG4	TPS61132RSARG4
ADS6123IRHBTG4	CDC421125RGETG4	PCF8574RGYR	SN75DP122ARTQR	TPS61140DRCR
ADS6124IRHBR	CDC421156RGER	PCF8574RGYRG4	SN75DP122ARTQT	TPS61140DRCRG4
ADS6124IRHBRG4	CDC421156RGERG4	PCF8575CRGER	SN75DP122RTQR	TPS61140DRCT
ADS6124IRHBT	CDC421156RGET	PCF8575CRGERG4	SN75DP122RTQRG4	TPS61140DRCTG4
ADS6124IRHBTG4	CDC421156RGETG4	PCF8575RGER	SN75DP122RTQT	TPS61141DRCR
ADS6125IRHBR	CDC421212RGER	PCF8575RGERG4	SN75DP122RTQTG4	TPS61141DRCRG4
ADS6125IRHBRG4	CDC421212RGERG4	PCM1774RGPR	SN75DP128ARTQR	TPS61141DRCT
ADS6125IRHBT	CDC421212RGET	PCM1774RGPRG4	SN75DP128ARTQT	TPS61141DRCTG4
ADS6125IRHBTG4	CDC421212RGETG4	PCM1774RGPT	SN75DP128RTQR	TPS61150ADRCR
ADS6128IRGZR	CDC421250RGER	PCM1774RGPTG4	SN75DP128RTQRG4	TPS61150ADRCRG4
ADS6128IRGZRG4	CDC421250RGERG4	PCM3793ARHBR	SN75DP128RTQT	TPS61150ADRCT
ADS6128IRGZT	CDC421250RGET	PCM3793ARHBRG4	SN75DP128RTQTG4	TPS61150ADRCTG4
ADS6128IRGZTG4	CDC421250RGETG4	PCM3793ARHBT	SN75DP129RHHR	TPS61150DRCR
ADS6129IRGZR	CDC421312RGER	PCM3793ARHBTG4	SN75DP129RHHRG4	TPS61150DRCRG4
ADS6129IRGZRG4	CDC421312RGERG4	PCM3793RHBR	SN75DP129RHHT	TPS61150DRCT
ADS6129IRGZT	CDC421312RGET	PCM3793RHBRG4	SN75DP129RHHTG4	TPS61150DRCTG4
ADS6129IRGZTG4	CDC421312RGETG4	PCM3793RHBT	SN75DP139RGZR	TPS61151DRCR
ADS6142IRHBR	CDC7005RGZR	PCM3793RHBTG4	SN75DP139RGZT	TPS61151DRCRG4
ADS6142IRHBRG4	CDC7005RGZRG4	PCM3794ARHBR	SN75LBC180RSAR	TPS61151DRCT
ADS6142IRHBT	CDC7005RGZT	PCM3794ARHBRG4	SN75LBC180RSARG4	TPS61151DRCTG4
ADS6142IRHBTG4	CDC7005RGZTG4	PCM3794ARHBT	SN75LBC180RSAT	TPS62300DRCR
ADS6143IRHBR	CDCE18005RGZR	PCM3794ARHBTG4	SN75LBC180RSATG4	TPS62300DRCRG4
ADS6143IRHBRG4	CDCE18005RGZT	PCM3794RHBR	SN94101RHDR	TPS62301DRCR
ADS6143IRHBT	CDCE421RGER	PCM3794RHBRG4	SNLV1023ARHBTG4	TPS62301DRCRG4
ADS6143IRHBTG4	CDCE421RGERG4	PCM3794RHBT	TCA6408ARGTR	TPS62302DRCR
ADS6144IRHBR	CDCE421RGET	PCM3794RHBTG4	TCA6408RGTR	TPS62302DRCRG4
ADS6144IRHBRG4	CDCE421RGETG4	PTLV320A1C19IRHBR	TCA6408RGTRG4	TPS62303DRCR
ADS6144IRHBT	CDCE62005RGZR	SC84004RGFR	THS4211DRBR	TPS62303DRCRG4
ADS6144IRHBTG4	CDCE62005RGZT	SN0305042RTHR	THS4211DRBRG4	TPS62304DRCR
ADS6145IRHBR	CDCL1810RGZR	SN0305042RHT	THS4211DRBT	TPS62304DRCRG4
ADS6145IRHBRG4	CDCL1810RGZRG4	SN0403092DRBR	THS4211DRBTG4	TPS62305DRCR
ADS6145IRHBT	CDCL1810RGZT	SN0403092DRBRG4	THS4215DRBR	TPS62305DRCRG4
ADS6145IRHBTG4	CDCL1810RGZTG4	SN0405032DRPR	THS4215DRBRG4	TPS62320DRCR
ADS6148IRGZR	CDCL6010RGZR	SN0405032DRPRG4	THS4215DRBT	TPS62320DRCRG4
ADS6148IRGZRG4	CDCL6010RGZRG4	SN0708077DRPR	THS4215DRBTG4	TPS62321DRCR
ADS6148IRGZT	CDCL6010RGZT	SN0708077DRPRG4	THS4271DRBR	TPS62321DRCRG4
ADS6148IRGZTG4	CDCL6010RGZTG4	SN0803033RGTR	THS4271DRBRG4	TPS62351DRCR
ADS6149IRGZR	CDCLVD110ARHBR	SN0803033RGTRG4	THS4271DRBT	TPS62351DRCRG4
ADS6149IRGZRG4	CDCLVD110ARHBRG4	SN0803034RGER	THS4271DRBTG4	TPS65110RGE
ADS6149IRGZT	CDCLVD110ARHBT	SN0803034RGERG4	THS4275DRBR	TPS65110RGE3
ADS6149IRGZTG4	CDCLVD110ARHBTG4	SN0806081RHBR	THS4275DRBRG4	TPS65110RGER
ADS61B23IRHBR	CDCLVP111RHBR	SN0806081RHBRG4	THS4275DRBT	TPS65110RGERG4
ADS61B23IRHBRG4	CDCLVP111RHBT	SN0808087RHAR	THS4275DRBTG4	TPS65111ARGE
ADS61B23IRHBT	CDCLVP215RHBR	SN105085RGWR	THS4302RGTR	TPS65111ARGE4
ADS61B23IRHBTG4	CDCLVP215RHBT	SN105085RGWRG4	THS4302RGTRG4	TPS65111ARGER
ADS61B29IRGZR	CDCM1802RGTR	SN65LBC180RSAR	THS4302RGTT	TPS65111ARGERG4
ADS61B29IRGZT	CDCM1802RGTRG4	SN65LBC180RSARG4	THS4302RGTTG4	TPS65111RGE
ADS61B49IRGZR	CDCM1802RGTT	SN65LBC180RSAT	THS4303RGTR	TPS65111RGE4
ADS61B49IRGZT	CDCM1802RGTTG4	SN65LBC180RSATG4	THS4303RGTRG4	TPS65111RGER
ADS6222IRGZR	CDCM1804RGER	SN65LV1023ARHBR	THS4303RGTT	TPS65111RGERG4
ADS6222IRGZRG4	CDCM1804RGERG4	SN65LV1023ARHBRG4	THS4303RGTTG4	TPS65190RHDR
ADS6222IRGZT	CDCM1804RGET	SN65LV1023ARHBT	THS4508RGTR	TPS65191RHBR
ADS6222IRGZTG4	CDCM1804RGETG4	SN65LV1224BRHBR	THS4508RGTRG4	TPS65192RHDR
ADS6223IRGZR	CDCM61001RHBR	SN65LV1224BRHBRG4	THS4508RGTT	TPS715A01DRBR
ADS6223IRGZRG4	CDCM61001RHBR/2801	SN65LV1224BRHBT	THS4508RGTTG4	TPS715A01DRBRG4
ADS6223IRGZT	CDCM61001RHBT	SN65LV1224BRHBTG4	THS4509RGTR	TPS715A01DRBT

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ADS6223IRGZTG4	CDCM61002RHBR	SN65LVCP202RGER	THS4509RGTRG4	TPS715A01DRBTG4
ADS6224IRGZR	CDCM61002RHBT	SN65LVCP202RGET	THS4509RGTT	TPS715A33DRBR
ADS6224IRGZRG4	CDCM61004RHBR	SN65LVCP204RGZR	THS4509RGTTG4	TPS715A33DRBRG4
ADS6224IRGZT	CDCM61004RHBR/2801	SN65LVCP204RGZT	THS4511RGTR	TPS715A33DRBT
ADS6224IRGZTG4	CDCM61004RHBT	SN65LVCP402RGER	THS4511RGTRG4	TPS715A33DRBTG4
ADS6225IRGZR	CDCM7005RGZR	SN65LVCP402RGERG4	THS4511RGTT	TPS73525DRBR
ADS6225IRGZRG4	CDCM7005RGZRG4	SN65LVCP402RGET	THS4511RGTTG4	TPS73525DRBRG4
ADS6225IRGZT	CDCM7005RGZT	SN65LVCP402RGETG4	THS4513RGTR	TPS73525DRBT
ADS6225IRGZTG4	CDCM7005RGZTG4	SN65LVCP404RGZR	THS4513RGTRG4	TPS73525DRBTG4
ADS6242IRGZR	CDCP1803MRGETEP	SN65LVCP404RGZRG4	THS4513RGTT	TPS74301RGWR
ADS6242IRGZRG4	CDCP1803RGER	SN65LVCP404RGZT	THS4513RGTTG4	TPS74301RGWRG4
ADS6242IRGZT	CDCP1803RGERG4	SN65LVCP404RGZTG4	THS4520RGTR	TPS74301RGWT
ADS6242IRGZTG4	CDCP1803RGET	SN65LVCP40RGZ	THS4520RGTRG4	TPS74301RGWTG4
ADS6243IRGZR	CDCP1803RGETG4	SN65LVCP40RGZG4	THS4520RGTT	TPS74401RGWR
ADS6243IRGZRG4	CDCU877ARHAR	SN65LVCP40RGZR	THS4520RGTTG4	TPS74401RGWRG4
ADS6243IRGZT	CDCU877ARHARG4	SN65LVCP40RGZRG4	THS6132RGWR	TPS74401RGWT
ADS6243IRGZTG4	CDCU877ARHAT	SN65LVCP40RGZT	THS6132RGWRG4	TPS74401RGWTG4
ADS6244IRGZR	CDCU877ARHATG4	SN65LVCP40RGZTG4	TL16C2550IRHB	TRF370315IRGER
ADS6244IRGZRG4	CDCU877RHAR	SN65LVDS315RGER	TL16C2550IRHBG4	TRF370315IRGERG4
ADS6244IRGZT	CDCU877RHARG4	SN65LVDS315RGERG4	TL16C2550IRHBR	TRF370315IRGET
ADS6244IRGZTG4	CDCU877RHAT	SN65LVDS315RGET	TL16C2550IRHBG4	TRF370315IRGETG4
ADS6245IRGZR	CDCU877RHATG4	SN65LVDS315RGETG4	TL16C2550IRHB	TRF370317IRGER
ADS6245IRGZRG4	CDCU877RTBR	SN65MLVD2DRBR	TL16C2550IRHBG4	TRF370317IRGERG4
ADS6245IRGZT	CDCVF857RHAR	SN65MLVD2DRBRG4	TL16C2550IRHBR	TRF370317IRGET
ADS6245IRGZTG4	CDCVF857RHARG4	SN65MLVD2DRBT	TL16C2550IRHBG4	TRF370317IRGETG4
ADS7229IRSAR	CDCVF857RHAT	SN65MLVD2DRBTG4	TL16C550DIRHB	TRF370333IRGER
ADS7229IRSARG4	CDCVF857RHATG4	SN65MLVD3DRBR	TL16C550DIRHBG4	TRF370333IRGERG4
ADS7229IRSAT	DAC7552IRGTR	SN65MLVD3DRBRG4	TL16C550DIRHBR	TRF370333IRGET
ADS7229IRSATG4	DAC7552IRGTRG4	SN65MLVD3DRBT	TL16C550DIRHBG4	TRF370333IRGETG4
ADS7230IRSAR	DAC7552IRGTT	SN65MLVD3DRBTG4	TL16C550DRHB	TRF3710IRGZR
ADS7230IRSARG4	DAC7552IRGTTG4	SN74ABT125RGYR	TL16C550DRHBG4	TRF3710IRGZRG4
ADS7230IRSAT	DAC7553IRGTR	SN74ABT125RGYRG4	TL16C550DRHBR	TRF3710IRGZT
ADS7230IRSATG4	DAC7553IRGTRG4	SN74ABT126RGYR	TL16C550DRHBG4	TRF3710IRGZTG4
ADS7279IRSAR	DAC7553IRGTT	SN74ABT126RGYRG4	TL16C752CIRHBR	TRF3750IRGP
ADS7279IRSARG4	DAC7553IRGTTG4	SN74ABT245BRGYR	TL16C752CIRHBG4	TRF3750IRGPG4
ADS7279IRSAT	DAC7558IRHBR	SN74ABT245BRGYRG4	TL16C752CRHBR	TRF3750IRGPR
ADS7279IRSATG4	DAC7558IRHBG4	SN74ABT573ARGYR	TL16C752CRHBG4	TRF3750IRGPRG4
ADS7280IRSAR	DAC7558IRHBT	SN74ABT573ARGYRG4	TLC59108FIRGYR	TRF3761-AIRHAR
ADS7280IRSARG4	DAC7558IRHBTG4	SN74ABT574ARGYR	TLC59108IRGYR	TRF3761-AIRHARG4
ADS7280IRSAT	DAC8531IDRBR	SN74ABT574ARGYRG4	TLC59116FIRHBR	TRF3761-AIRHAT
ADS7280IRSATG4	DAC8531IDBRG4	SN74AHC00RGYR	TLC59116IRHBR	TRF3761-AIRHATG4
ADS7826IDRBR	DAC8531IDRBT	SN74AHC00RGYRG4	TLC5923RHBR	TRF3761-BIRHAR
ADS7826IDBRG4	DAC8531IDRBTG4	SN74AHC02RGYR	TLC5923RHBRG4	TRF3761-BIRHARG4
ADS7826IDRBT	DAC8801IDRBR	SN74AHC02RGYRG4	TLC5923RHBT	TRF3761-BIRHAT
ADS7826IDRBTG4	DAC8801IDBRG4	SN74AHC04RGYR	TLC5923RHBTG4	TRF3761-BIRHATG4
ADS7827IDRBR	DAC8801IDRBT	SN74AHC04RGYRG4	TLC5924RHBR	TRF3761-CIRHAR
ADS7827IDBRG4	DAC8801IDRBTG4	SN74AHC08RGYR	TLC5924RHBRG4	TRF3761-CIRHARG4
ADS7827IDRBT	DAC8811IDRBR	SN74AHC08RGYRG4	TLC5924RHBT	TRF3761-CIRHAT
ADS7827IDRBTG4	DAC8811IDBRG4	SN74AHC125RGYR	TLC5924RHBTG4	TRF3761-CIRHATG4
ADS7829IDRBR	DAC8811IDRBT	SN74AHC125RGYRG4	TLC8108IRGYR	TRF3761-DIRHAR
ADS7829IDBRG4	DAC8811IDRBTG4	SN74AHC132RGYR	TLK1002ARGER	TRF3761-DIRHARG4
ADS7829IDRBT	DAC8811IDRBR	SN74AHC132RGYRG4	TLK1002ARGERG4	TRF3761-DIRHAT
ADS7829IDRBTG4	DAC8811IDBRG4	SN74AHC14RGYR	TLK1002ARGET	TRF3761-DIRHATG4
ADS7829IDRBR	DAC8811IDRBT	SN74AHC14RGYRG4	TLK1002ARGETG4	TRF3761-EIRHAR
ADS7829IDBRG4	DAC8811IDRBTG4	SN74AHC32RGYR	TLK1101ERGPR	TRF3761-EIRHARG4
ADS7829IDRBT	DAC8831IBRGYR	SN74AHC32RGYRG4	TLK1101ERGPRG4	TRF3761-EIRHAT
ADS7829IDRBTG4	DAC8831IBRGYRG4	SN74AHC4066RGYR	TLK1101ERGPT	TRF3761-EIRHATG4
ADS7846IRGVR	DAC8831IBRGYT	SN74AHC4066RGYRG4	TLK1101ERGPTG4	TRF3761-FIRHAR
ADS7846IRGVRG4	DAC8831IBRGYTG4	SN74AHC74RGYR	TLK1102ERGER	TRF3761-FIRHARG4
ADS7846IRGVT	DAC8831ICRGYR	SN74AHC74RGYRG4	TLK1102ERGET	TRF3761-FIRHAT
ADS7846IRGVTG4	DAC8831ICRGYRG4	SN74AHC86RGYR	TLK1221RHAR	TRF3761-FIRHATG4
ADS7861IBRHBR	DAC8831ICRGYT	SN74AHC86RGYRG4	TLK1221RHARG4	TRF3761-GIRHAR
ADS7861IBRHARG4	DAC8831ICRGYTG4	SN74AHC00RGYR	TLK1221RHAT	TRF3761-GIRHARG4
ADS7861IBRHBT	DAC8831IRGYR	SN74AHC00RGYRG4	TLK1221RHATG4	TRF3761-GIRHAT
ADS7861IBRHBTG4	DAC8831IRGYRG4	SN74AHC02RGYR	TLK4201EARGTR	TRF3761-GIRHATG4
ADS7861IRHBR	DAC8831IRGYT	SN74AHC02RGYRG4	TLK4201EARGTRG4	TRF3761-HIRHAR

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ADS7861IRHBRG4	DAC8831IRGYTG4	SN74AHCT04RGYR	TLK4201EARGTT	TRF3761-HIRHARG4
ADS7861IRHBT	DAC8832IBRGYR	SN74AHCT04RGYRG4	TLK4201EARGTTG4	TRF3761-HIRHAT
ADS7861IRHBTG4	DAC8832IBRGYRG4	SN74AHCT08RGYR	TLK4211EARGTR	TRF3761-HIRHATG4
ADS7863IRGER	DAC8832IBRGYT	SN74AHCT08RGYRG4	TLK4211EARGTRG4	TRF3761-JIRHAR
ADS7863IRGERG4	DAC8832IBRGYTG4	SN74AHCT125RGYR	TLK4211EARGTT	TRF3761-JIRHARG4
ADS7863IRGET	DAC8832ICRGYR	SN74AHCT125RGYRG4	TLK4211EARGTTG4	TRF3761-JIRHAT
ADS7863IRGETG4	DAC8832ICRGYRG4	SN74AHCT14RGYR	TLK6201EARGTR	TRF3761-JIRHATG4
ADS7881IRGZR	DAC8832ICRGYT	SN74AHCT14RGYRG4	TLK6201EARGTRG4	TRF3762-EIRHAR
ADS7881IRGZRG4	DAC8832ICRGYTG4	SN74AHCT245RGYR	TLK6201EARGTT	TRF3762-EIRHARG4
ADS7881IRGZT	DAC8832IRGYR	SN74AHCT245RGYRG4	TLK6201EARGTTG4	TRF3762-EIRHAT
ADS7881IRGZTG4	DAC8832IRGYRG4	SN74AHCT32RGYR	TLV3203104IRHBR-LI	TRF3762-EIRHATG4
ADS8325IBDRBR	DAC8832IRGYT	SN74AHCT32RGYRG4	TLV3203104IRHBT-LI	TRF7904RGPR
ADS8325IBDRBRG4	DAC8832IRGYTG4	SN74AHCT74RGYR	TLV320A23BIRHDRG4	TRF7904RGPRG4
ADS8325IBDRBT	DAC8881SRGER	SN74AHCT74RGYRG4	TLV320A3204IRHBRG4	TRF7904RGPT
ADS8325IBDRBTG4	DAC8881SRGERG4	SN74AHCT86RGYR	TLV320A3254IRHBRG4	TRF7904RGPTG4
ADS8325IBRBR	DAC8881SRGET	SN74AHCT86RGYRG4	TLV320ADC3101IRGER	TRS3243ECRHBR
ADS8325IBRBRG4	DAC8881SRGETG4	SN74AHCU04RGYR	TLV320ADC3101IRGET	TRS3243ECRHBRG4
ADS8325IBRBT	DAC9881SBRGER	SN74AHCU04RGYRG4	TLV320A1C12KIRHBR	TRS3243EIRHBR
ADS8325IBRBTG4	DAC9881SBRGERG4	SN74ALVC00RGYR	TLV320A1C12KIRHBT	TRS3243EIRHBRG4
ADS8327IBRSAR	DAC9881SBRGET	SN74ALVC00RGYRG4	TLV320A1C19IRHBR	TS2DP512ARTQR
ADS8327IBRSARG4	DAC9881SBRGETG4	SN74ALVC04RGYR	TLV320A1C19IRHBRG4	TS2DP512ARTQT
ADS8327IBRSAT	DAC9881SRGER	SN74ALVC04RGYRG4	TLV320A1C19IRHBT	TS2DP512RTQR
ADS8327IBRSATG4	DAC9881SRGERG4	SN74ALVC08RGYR	TLV320A1C19IRHBTG4	TS2DP512RTQRG4
ADS8327IBRSAR	DAC9881SRGET	SN74ALVC08RGYRG4	TLV320A1C23BIRHD	TS2DP512RTQT
ADS8327IBSARG4	DAC9881SRGETG4	SN74ALVC244RGYR	TLV320A1C23BIRHDG4	TS2DP512RTQTG4
ADS8327IBSAT	DRV401AIRGWR	SN74ALVC244RGYRG4	TLV320A1C23BIRHDR	TS3A24159DRCR
ADS8327IBSATG4	DRV401AIRGWRG4	SN74ALVC245RGYR	TLV320A1C23BRHD	TS3A24159DRCRG4
ADS8328IBRSAR	DRV401AIRGWT	SN74ALVC245RGYRG4	TLV320A1C23BRHDG4	TS3A44159RGTR
ADS8328IBSARG4	DRV401AIRGWTG4	SN74AUC00RGYR	TLV320A1C23BRHDR	TS3A44159RGTRG4
ADS8328IBRSAT	HPA00093IRGZR	SN74AUC00RGYRG4	TLV320A1C23BRHDRG4	TS3A4751RGYR
ADS8328IBRSATG4	HPA00108RHBR	SN74AUC02RGYR	TLV320A1C26IRHB	TS3A4751RGYRG4
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ADS8328IBSARG4	HPA00142AIDRBTG4	SN74AUC04RGYR	TLV320A1C26IRHBR	TS3USB221DRCR
ADS8328IBSAT	HPA00155RSAR	SN74AUC04RGYRG4	TLV320A1C26IRHBRG4	TS3USB221DRCRG4
ADS8328IBSATG4	HPA00160RGWR	SN74AUC06RGYR	TLV320A1C28IRGZ	TS3USB221EDRCR
ADS8329IBRSAR	HPA00161RGWR	SN74AUC06RGYRG4	TLV320A1C28IRGZG4	TS5A22362DRCR
ADS8329IBSARG4	HPA00168IRHBR	SN74AUC07RGYR	TLV320A1C28IRGZR	TS5A22362DRCRG4
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ADS8329IBRSATG4	HPA00199DRBR	SN74AUC08RGYR	TLV320A1C29IRGZR	TSC2008IRGVR
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ADS8329IBSARG4	HPA00217AIDRBR	SN74AUC125RGYR	TLV320A1C29IRGZT	TSC2046EIRGVR
ADS8329IBSAT	HPA00223IRHBR	SN74AUC125RGYRG4	TLV320A1C29IRGZTG4	TSC2046EIRGVRG4
ADS8329IBSATG4	HPA00234DRCRG4	SN74AUC126RGYR	TLV320A1C3000IRGZR	TSC2046EIRGVT
ADS8330IBRSAR	HPA00256KIRHBR	SN74AUC126RGYRG4	TLV320A1C3000IRGZT	TSC2046EIRGVTG4
ADS8330IBSARG4	HPA00269IRHBR	SN74AUC14RGYR	TLV320A1C3004IRHBR	TSC2046IRGVR
ADS8330IBRSAT	HPA00399RHDR	SN74AUC14RGYRG4	TLV320A1C3004IRHBT	TSC2046IRGVRG4
ADS8330IBRSATG4	HPA00419RGPR	SN74AUC17RGYR	TLV320A1C3005IRGZR	TSC2046IRGVT
ADS8330IBRSAR	HPA00420RGVR	SN74AUC17RGYRG4	TLV320A1C3005IRGZT	TSC2046IRGVTG4
ADS8330IBSARG4	HPA00474RHBR	SN74AUC240RGYR	TLV320A1C3101IRHBR	TSC2100IRHB
ADS8330IBSAT	HPA00475RTQR	SN74AUC240RGYRG4	TLV320A1C3101IRHBT	TSC2100IRHBG4
ADS8330IBSATG4	HPA00499RHBR	SN74AUC244RGYR	TLV320A1C3104IRHBR	TSC2100IRHBR
ADS8361IRHBR	HPA00503RGTR	SN74AUC244RGYRG4	TLV320A1C3104IRHBT	TSC2100IRHBRG4
ADS8361IRHBRG4	HPA00504RGPR	SN74AUC245RGYR	TLV320A1C3105IRHBR	TSC2101IRGZ
ADS8361IRHBT	HPA00530RGER	SN74AUC245RGYRG4	TLV320A1C3105IRHBT	TSC2101IRGZG4
ADS8361IRHBTG4	HPA00554DRBR	SN74AUC32RGYR	TLV320A1C3106IRGZR	TSC2101IRGZR
ADS8410IBRGZR	HPA00584RGWR	SN74AUC32RGYRG4	TLV320A1C3106IRGZT	TSC2101IRGZRG4
ADS8410IBRGZRG4	HPA00643DRBR	SN74AUC34RGYR	TLV320A1C3111IRHBR	TSC2111IRGZR
ADS8410IBRGZT	HPA00650DRBR	SN74AUC34RGYRG4	TLV320A1C3111IRHBT	TSC2111IRGZRG4
ADS8410IBRGZTG4	HPA00664RGER	SN74AUC74RGYR	TLV320A1C31IRHBR	TSC2111IRGZT
ADS8410IRGZR	HPA00702F128RHAR	SN74AUC74RGYRG4	TLV320A1C31IRHBRG4	TSC2111IRGZTG4
ADS8410IRGZRG4	LOG114AIRGVR	SN74AUCH240RGYR	TLV320A1C31IRHBT	TSC2117IRGZR
ADS8410IRGZT	LOG114AIRGVRG4	SN74AUCH240RGYRG4	TLV320A1C31IRHBTG4	TSC2117IRGZT
ADS8410IRGZTG4	LOG114IRGVT	SN74AUCH244RGYR	TLV320A1C3204IRHBR	TSC2200IRHB
ADS8413IBRGZR	LOG114AIRGVTG4	SN74AUCH244RGYRG4	TLV320A1C3204IRHBT	TSC2200IRHBG4
ADS8413IBRGZRG4	MAX3243ECRHBR	SN74AUCH245RGYR	TLV320A1C3254IRHBR	TSC2200IRHBR
ADS8413IBRGZT	MAX3243ECRHBRG4	SN74AUCH245RGYRG4	TLV320A1C3254IRHBT	TSC2200IRHBRG4

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ADS84131BRGZTG4	MAX3243E1RHBR	SN74AUCU04RGYR	TLV320A1C321RHBR	TSC23021RGZ
ADS84131RGZR	MAX3243E1RHBRG4	SN74AUCU04RGYRG4	TLV320A1C321RHBRG4	TSC23021RGZG4
ADS84131RGZRG4	MPD23698RHA	SN74AVC6T622RGYR	TLV320A1C321RHBT	TSC23021RGZR
ADS84131RGZT	MSC1201Y2RHHR	SN74AVC6T622RGYR4	TLV320A1C321RHBTG4	TSC23021RGZRG4
ADS84131RGZTG4	MSC1201Y2RHHRG4	SN74CB3Q3125RGYR	TLV320A1C331RGZR	TUSB1105RGTR
ADS84711BRGZR	MSC1201Y2RHHT	SN74CB3Q3244RGYR	TLV320A1C331RGZRG4	TUSB1105RGTRG4
ADS84711BRGZRG4	MSC1201Y2RHHTG4	SN74CB3Q3245RGYR	TLV320A1C331RGZT	TUSB1106RGTR
ADS84711BRGZT	MSC1201Y3RHHR	SN74CB3Q3345RGYR	TLV320A1C331RGZTG4	TUSB1106RGTRG4
ADS84711BRGZTG4	MSC1201Y3RHHRG4	SN74CB3T3125RGYR	TLV320DA261RHBRG4	TUSB2046B1RHBR
ADS84711RGZR	MSC1201Y3RHHT	SN74CBT3125CRGYR	TLV320DAC231RHD	TUSB2046B1RHBRG4
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ADS84711RGZT	MSC1202Y2RHHR	SN74CBT3125RGYR	TLV320DAC231RHDR	TUSB2046B1RHBTG4
ADS84711RGZTG4	MSC1202Y2RHHRG4	SN74CBT3125RGYRG4	TLV320DAC231RHDRG4	TUSB2551ARGTR
ADS84721BRGZR	MSC1202Y2RHHT	SN74CBT3126RGYR	TLV320DAC23RHD	TUSB2551RGTR
ADS84721BRGZRG4	MSC1202Y2RHHTG4	SN74CBT3126RGYRG4	TLV320DAC23RHDG4	TUSB34101RHB
ADS84721BRGZT	MSC1202Y3RHHR	SN74CBT3244CRGYR	TLV320DAC23RHDR	TUSB34101RHBRG4
ADS84721BRGZTG4	MSC1202Y3RHHRG4	SN74CBT3244CRGYRG4	TLV320DAC23RHDRG4	TUSB34101RHBR
ADS84721RGZR	MSC1202Y3RHHT	SN74CBT3244RGYR	TLV320DAC261RHB	TUSB34101RHBRG4
ADS84721RGZRG4	MSC1202Y3RHHTG4	SN74CBT3244RGYRG4	TLV320DAC261RHBRG4	TUSB3410RHB
ADS84721RGZT	MSP430F2274MRHATEP	SN74CBT3245ARGYR	TLV320DAC261RHBR	TUSB3410RHBRG4
ADS84721RGZTG4	ONET1101LRGER	SN74CBT3245ARGYRG4	TLV320DAC261RHBRG4	TUSB3410RHBR
ADS84811BRGZR	ONET1101LRGERG4	SN74CBT3245CRGYR	TLV320DAC321RHBR	TUSB3410RHBRG4
ADS84811BRGZRG4	ONET1101LRGET	SN74CBT3245CRGYRG4	TLV320DAC321RHBRG4	TXB0104RGYR
ADS84811BRGZT	ONET1101LRGETG4	SN74CBT3345CRGYR	TLV320DAC321RHBT	TXB0104RGYRG4
ADS84811BRGZTG4	ONET1191VRGPR	SN74CBT3345CRGYRG4	TLV320DAC321RHBTG4	TXB0108RGYR
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ADS84811RGZRG4	ONET1191VRGPT	SN74CBT6845CRGYRG4	TLVA1C12K1RHBTG4	TXS0104ERGYR
ADS84811RGZT	ONET1191VRGPTG4	SN74CBTLV3125RGYR	TLVA1C30001RGZRG4	TXS0104ERGYRG4
ADS84811RGZTG4	ONET2501PARGTR	SN74CBTLV3126RGYR	TLVA1C30001RGZTG4	TXS0108ERGYR
ADS84821BRGZR	ONET2501PARGTRG4	SN74CBTLV3245ARGYR	TLVA1C31011RHBRG4	UCD3020RGZR
ADS84821BRGZRG4	ONET2501PARGTT	SN74LV000ARGYR	TLVA1C31011RHBTG4	UCD3020RGZT
ADS84821BRGZT	ONET2501PARGTTG4	SN74LV000ARGYRG4	TLVA1C31041RHBRG4	UCD3028RHAR
ADS84821BRGZTG4	ONET2511PARGTR	SN74LV020ARGYR	TLVA1C31041RHBTG4	UCD3028RHAT
ADS84821RGZR	ONET2511PARGTRG4	SN74LV020ARGYRG4	TLVA1C31051RHBRG4	UCD9080RHBR
ADS84821RGZRG4	ONET2511PARGTT	SN74LV040ARGYR	TLVA1C31051RHBTG4	UCD9080RHBRG4
ADS84821RGZT	ONET2511PARGTTG4	SN74LV040ARGYRG4	TLVA1C31061RGZRG4	UCD9080RHBT
ADS84821RGZTG4	ONET3301PARGTR	SN74LV080ARGYR	TLVA1C31061RGZTG4	UCD9080RHBTG4
ADS84841BRGZR	ONET3301PARGTRG4	SN74LV080ARGYRG4	TMSD141RHAR	UCD9081RHBR
ADS84841BRGZRG4	ONET3301PARGTT	SN74LV125ARGYR	TMSD141RHARG4	UCD9081RHBRG4
ADS84841BRGZT	ONET3301PARGTTG4	SN74LV125ARGYRG4	TPA2005D1DRBR	UCD9081RHBT
ADS84841BRGZTG4	ONET4201LDRGER	SN74LV125ATRGYR	TPA2005D1DRBRG4	UCD9081RHBTG4
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ADS84841RGZRG4	ONET4201LDRGET	SN74LV14ARGYR	TPA2006D1DRBRG4	UCD9112RHBRG4
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ADS84841RGZTG4	ONET4201PARGTR	SN74LV14ARGYR-MI	TPA2006D1DRBTG4	UCD9112RHBTG4
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A1C111RHBRG4	ONET4211LDRGER	SN74LV244ARGYRG4	TPA5050RSATG4	UCD9125RHBTG4
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BQ24001RGWRG4	ONET4251PARGTT	SN74LV245ATRGYRG4	TPA5052RSARG4	UCD9220RGZT
BQ24002RGWR	ONET4251PARGTTG4	SN74LV273ARGYR	TPA5052RSAT	UCD9324RGZR
BQ24002RGWRG4	ONET4291PARGVGR	SN74LV273ARGYRG4	TPA5052RSATG4	UCD9324RGZT
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BQ24003RGWRG4	ONET4291PARGVT	SN74LV32ARGYRG4	TPS2358RGZRG4	V62/09619-01XE
BQ24007RGWR	ONET4291PARGVTG4	SN74LV373ARGYR	TPS2358RGZT	VCA2615RGZR
BQ24007RGWRG4	ONET4291VARGPR	SN74LV373ARGYRG4	TPS2358RGZTG4	VCA2615RGZRG4
BQ24703RHDR	ONET4291VARGPRG4	SN74LV373ATRGYR	TPS2359RHHR	VCA2615RGZT
BQ24703RHDRG4	ONET4291VARGPT	SN74LV373ATRGYRG4	TPS2359RHHRG4	VCA2615RGZTG4
BQ24721CRHBR	ONET4291VARGPTG4	SN74LV374ARGYR	TPS2359RHHT	VCA2617RHBR
BQ24721CRHBRG4	ONET8501PBRGTR	SN74LV374ARGYRG4	TPS2359RHHTG4	VCA2617RHBRG4
BQ24721CRHBT	ONET8501PBRGTRG4	SN74LV374ATRGYR	TPS2458RHBR	VCA2617RHBT

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BQ24721CRHBTG4	ONET8501PBRGTT	SN74LV374ATRGYRG4	TPS2458RHBT	VCA2617RHBTG4
BQ24740RHDR	ONET8501PBRGTTG4	SN74LV4066ARGYR	TPS2459RHBR	XTR111A1DRCR
BQ24740RHDRG4	ONET8501PRGTR	SN74LV4066ARGYRG4	TPS2459RHBT	XTR111A1DRCRG4
BQ24740RHDT	ONET8501PRGTRG4	SN74LV540ARGYR	TPS28225DRBR	XTR111A1DRCT
BQ24740RHDTG4	ONET8501PRGTT	SN74LV540ARGYRG4	TPS28225DRBRG4	XTR111A1DRCTG4
BQ24741RHDR	ONET8501PRGTTG4	SN74LV541ARGYR	TPS28225DRBT	XTR117A1DRBR
BQ24741RHDT	ONET8501VRGPR	SN74LV541ARGYRG4	TPS28225DRBTG4	XTR117A1DRBRG4
BQ24745RHDR	ONET8501VRGPRG4	SN74LV541ATRGYR	TPS28226DRBR	XTR117A1DRBT
BQ24745RHDRG4	ONET8501VRGPT	SN74LV541ATRGYRG4	TPS28226DRBRG4	XTR117A1DRBTG4
BQ24745RHDT	ONET8501VRGPTG4	SN74LV573ARGYR	TPS28226DRBT	
BQ24745RHDTG4	ONET8511PRGTR	SN74LV573ARGYRG4	TPS28226DRBTG4	
BQ24750ARHDR	ONET8511PRGTRG4	SN74LV573ATRGYR	TPS40090RHDR	

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	SN0604023DRCTG4	TPS40132RHBT	TPS62111MRSAREP	TPS65148RHBR
BQ24010DRCR	SN0604069DRCR	TPS40132RHBTG4	TPS62111RSAR	TPS65148RHBT
BQ24010DRCRG4	SN0604069DRCRG4	TPS40140RHR	TPS62111RSARG4	TPS65150RGER
BQ24012DRCR	SN0607046DRCR	TPS40140RHR/2801	TPS62111RSAT	TPS65150RGERG4
BQ24012DRCRG4	SN0607046DRCRG4	TPS40140RHRG4	TPS62111RSATG4	TPS65162RGZR
BQ24013DRCR	SN0608010RGER	TPS40140RHHT	TPS62112MRSAREP	TPS65162RGZRG4
BQ24013DRCRG4	SN0608010RGERG4	TPS40140RHHTG4	TPS62112RSAR	TPS65166RHAR
BQ24014DRCR	SN0608098RHBR	TPS40180RGER	TPS62112RSARG4	TPS65167ARHAR
BQ24014DRCRG4	SN0608098RHBRG4	TPS40180RGERG4	TPS62112RSAT	TPS65167ARHARG4
BQ24018DRCR	SN0611035DRPR	TPS40180RGET	TPS62112RSATG4	TPS65167RHAR
BQ24018DRCRG4	SN0611035DRPRG4	TPS40180RGETG4	TPS62113RSAR	TPS65167RHARG4
BQ24018DRCT	SN0701013DRCR	TPS40190DRCR	TPS62113RSAT	TPS65167RHAT
BQ24018DRCTG4	SN0701013DRCRG4	TPS40190DRCRG4	TPS62355DRCR	TPS65167RHATG4
BQ24020DRCR	SN0701064RHBR	TPS40190DRCT	TPS62355DRCRG4	TPS65170RHDR
BQ24020DRCRG4	SN0701064RHBRG4	TPS40190DRCTG4	TPS62400DRCR	TPS65170RHDT
BQ24022DRCR	SN0706026RHR	TPS40192DRCR	TPS62400DRCRG4	TPS65171RHAR
BQ24022DRCRG4	SN0706026RHRG4	TPS40192DRCRG4	TPS62400DRCT	TPS65510RGTR
BQ24023DRCR	SN0802043RHBR	TPS40192DRCT	TPS62400DRCTG4	TPS65510RGTRG4
BQ24023DRCRG4	SN0802043RHBRG4	TPS40192DRCTG4	TPS62401DRCR	TPS65510RGTT
BQ24024DRCR	SN0803054DRCR	TPS40193DRCR	TPS62401DRCRG4	TPS65510RGTTG4
BQ24024DRCRG4	SN0803054DRCRG4	TPS40193DRCRG4	TPS62401DRCT	TPS65530ARSLR
BQ24025DRCR	SN0804022RGER	TPS40193DRCT	TPS62401DRCTG4	TPS65530ARSLRG4
BQ24025DRCRG4	SN0804022RGERG4	TPS40193DRCTG4	TPS62402DRCR	TPS65530ARSLT
BQ24026DRCR	SN0804022RGET	TPS40200DRBR	TPS62402DRCRG4	TPS65530ARSLTG4
BQ24026DRCRG4	SN0804022RGETG4	TPS40200DRBT	TPS62402DRCT	TPS65530RSLR
BQ24027DRCR	SN0805013DRCR	TPS40222DRPR	TPS62402DRCTG4	TPS65530RSLRG4
BQ24027DRCRG4	SN0805013DRCRG4	TPS40222DRPRG4	TPS62403DRCR	TPS65530RSLT
BQ24027DRCT	SN0805016DRBR	TPS40222DRPT	TPS62403DRCRG4	TPS65530RSLTG4
BQ24027DRCTG4	SN0805016DRBRG4	TPS40222DRPTG4	TPS62403DRCT	TPS65560RGTR
BQ24060DRCR	SN0810083RGER	TPS51113DRCR	TPS62403DRCTG4	TPS65560RGTRG4
BQ24060DRCRG4	SN0811020RGER	TPS51113DRCT	TPS62410DRCR	TPS65560RGTT
BQ24060DRCT	SN212005DRCR	TPS51116RGER	TPS62410DRCRG4	TPS65560RGTTG4
BQ24060DRCTG4	SN212005DRCRG4	TPS51116RGER/2354	TPS62410DRCT	TPS65561RGTR
BQ24061DRCR	SN3100D2RGZR	TPS51116RGERG4	TPS62410DRCTG4	TPS65561RGTRG4
BQ24061DRCRG4	SN3100D2RGZRG4	TPS51116RGET	TPS62420DRCR	TPS65561RGTT
BQ24061DRCT	SN3101D2RGZR	TPS51116RGETG4	TPS62420DRCRG4	TPS65561RGTTG4
BQ24061DRCTG4	SN3101D2RGZRG4	TPS51117RGYR	TPS62420DRCT	TPS65562RGTR
BQ24064DRCR	SN412030DRCR	TPS51117RGYRG4	TPS62420DRCTG4	TPS65562RGTRG4
BQ24064DRCRG4	SN412030DRCRG4	TPS51117RGYT	TPS62510DRCR	TPS65562RGTT
BQ24064DRCT	TLC5928RGER	TPS51117RGYTG4	TPS62510DRCR/2801	TPS65562RGTTG4
BQ24064DRCTG4	TLC5928RGET	TPS51120RHBR	TPS62510DRCRG4	TPS65563ARGTR
BQ24072RGTR	TLC5940RHBR	TPS51120RHBRG4	TPS62510DRCT	TPS65563ARGTRG4
BQ24072RGTRG4	TLC5940RHBRG4	TPS51120RHBT	TPS62510DRCTG4	TPS65563ARGTT
BQ24072RGTT	TLC5941RHBR	TPS51120RHBTG4	TPS63000DRCR	TPS65563ARGTTG4
BQ24072RGTTG4	TLC5941RHBRG4	TPS51123RGER	TPS63000DRCRG4	TPS65563RGTR
BQ24073RGTR	TLC5941RHBT	TPS51123RGET	TPS63000DRCT	TPS65563RGTRG4
BQ24073RGTRG4	TLC5941RHBTG4	TPS51124RGER	TPS63000DRCTG4	TPS65563RGTT
BQ24073RGTT	TLC5942RHBR	TPS51124RGER/2354	TPS63001DRCR	TPS65563RGTTG4
BQ24073RGTTG4	TLC5942RHBRG4	TPS51124RGERG4	TPS63001DRCRG4	TPS65800RTQR

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BQ24074RGTR	TLC5942RHBT	TPS51124RGET	TPS63001DRCT	TPS65800RTQRG4
BQ24074RGTRG4	TLC5942RHBTG4	TPS51124RGETG4	TPS63001DRCTG4	TPS65800RTQT
BQ24074RGTT	TLC5943RHBR	TPS51125RGER	TPS63002DRCR	TPS65800RTQTG4
BQ24074RGTTG4	TLC5943RHBRG4	TPS51125RGER/2354	TPS63002DRCRG4	TPS65810RTQR
BQ24075RGTR	TLC5943RHBT	TPS51125RGERG4	TPS63002DRCT	TPS65810RTQRG4
BQ24075RGTRG4	TLC5943RHBTG4	TPS51125RGET	TPS63002DRCTG4	TPS65810RTQT
BQ24075RGTT	TLC5944RHBR	TPS51125RGETG4	TPS63700DRCR	TPS65810RTQTG4
BQ24075RGTTG4	TLC5944RHBRG4	TPS51200DRC/2801	TPS63700DRCRG4	TPS65811RTQR
BQ24080DRCR	TLC5944RHBT	TPS51200DRCR	TPS63700DRCT	TPS65811RTQRG4
BQ24080DRCRG4	TLC5944RHBTG4	TPS51200DRCR/2801	TPS63700DRCTG4	TPS65811RTQT
BQ24080DRCT	TLC5945RHBR	TPS51200DRCRG4	TPS65010RGZR	TPS65811RTQTG4
BQ24080DRCTG4	TLC5945RHBRG4	TPS51200DRCT	TPS65010RGZRG4	TPS65820RSHR
BQ24081DRCR	TLC5945RHBT	TPS51200DRCTG4	TPS65010RGZT	TPS65820RSHRG4
BQ24081DRCRG4	TLC5945RHBTG4	TPS51427ARHBR	TPS65010RGZTG4	TPS65820RSHT
BQ24081DRCT	TLC5946RHBR	TPS51427ARHBRG4	TPS65011RGZR	TPS65820RSHTG4
BQ24081DRCTG4	TLC5946RHBRG4	TPS51427ARHBT	TPS65011RGZRG4	TPS71202DRCR
BQ24083DRCR	TLC5946RHBT	TPS51427ARHBTG4	TPS65012RGZR	TPS71202DRCR/2801
BQ24083DRCRG4	TLC5946RHBTG4	TPS51427RHBR	TPS65012RGZRG4	TPS71202DRCRG4
BQ24083DRCT	TLC5947RHBR	TPS51427RHBRG4	TPS65012RGZT	TPS71202DRCT
BQ24083DRCTG4	TLC5947RHBRG4	TPS51427RHBT	TPS65012RGZTG4	TPS71202DRCTG4
BQ24085DRCR	TLC5947RHBT	TPS51427RHBTG4	TPS65013RGZR	TPS71202MDRCTEP
BQ24085DRCRG4	TLC5947RHBTG4	TPS54620RGYR	TPS65013RGZRG4	TPS71219DRCR
BQ24085DRCT	TPA2013D1RGPR	TPS54620RGYT	TPS65013RGZT	TPS71219DRCRG4
BQ24085DRCTG4	TPA2013D1RGPRG4	TPS61020DRCR	TPS65013RGZTG4	TPS71219DRCT
BQ24086DRCR	TPA2014D1RGPR	TPS61020DRCRG4	TPS65014RGZR	TPS71219DRCTG4
BQ24086DRCRG4	TPA2014D1RGPRG4	TPS61024DRCR	TPS65014RGZRG4	TPS71229DRCR
BQ24086DRCT	TPA2014D1RGPT	TPS61024DRCRG4	TPS65014RGZT	TPS71229DRCRG4
BQ24086DRCTG4	TPA2014D1RGPTG4	TPS61025DRCR	TPS65014RGZTG4	TPS71229DRCT
BQ24087DRCR	TPA3100D2RGZR	TPS61025DRCRG4	TPS65020RHAR	TPS71229DRCTG4
BQ24087DRCRG4	TPA3100D2RGZRG4	TPS61026DRCR	TPS65020RHARG4	TPS71247DRCR
BQ24087DRCT	TPA3100D2RGZT	TPS61026DRCRG4	TPS65020RHAT	TPS71247DRCRG4
BQ24087DRCTG4	TPA3100D2RGZTG4	TPS61026DRCT	TPS65020RHATG4	TPS71247DRCT
BQ24088DRCR	TPA3101D2RGZR	TPS61026DRCTG4	TPS65021RHAR	TPS71247DRCTG4
BQ24088DRCRG4	TPA3101D2RGZRG4	TPS61027DRCR	TPS65021RHARG4	TPS71256DRCR
BQ24088DRCT	TPA3101D2RGZT	TPS61027DRCRG4	TPS65021RHAT	TPS71256DRCRG4
BQ24088DRCTG4	TPA3101D2RGZTG4	TPS61027DRCRSY	TPS65021RHATG4	TPS71256DRCT
BQ24230RGTR	TPA6020A2RGWR	TPS61028DRCR	TPS65022RHAR	TPS71256DRCTG4
BQ24230RGTRG4	TPA6020A2RGWRG4	TPS61028DRCRG4	TPS65022RHARG4	TPS71257DRCR
BQ24230RGTT	TPA6020A2RGWT	TPS61029DRCR	TPS65022RHAT	TPS71257DRCRG4
BQ24230RGTTG4	TPA6020A2RGWTG4	TPS61029DRCRG4	TPS65022RHATG4	TPS71257DRCT
BQ24232RGTR	TPA6040A4RHBR	TPS61029DRCT	TPS650240RHBR	TPS71257DRCTG4
BQ24232RGTRG4	TPA6040A4RHBRG4	TPS61029DRCTG4	TPS650240RHBRG4	TPS71319DRCR
BQ24232RGTT	TPA6041A4RHBR	TPS61030RSAR	TPS650240RHBT	TPS71319DRCRG4
BQ24232RGTTG4	TPA6041A4RHBRG4	TPS61030RSARG4	TPS650240RHBTG4	TPS71319DRCT
BQ24705RGER	TPA6043A4RHBR	TPS61031RSAR	TPS650241RHBR	TPS71319DRCTG4
BQ24705RGERG4	TPA6043A4RHBRG4	TPS61031RSARG4	TPS650241RHBRG4	TPS71334DRCR
BQ24705RGET	TPA6045A4CRHBR	TPS61032RSAR	TPS650241RHBT	TPS71334DRCRG4
BQ24705RGETG4	TPA6047A4RHBR	TPS61032RSARG4	TPS650241RHBTG4	TPS71334DRCT
HPA00045DRCR	TPA6047A4RHBRG4	TPS61042DRBR	TPS650242RHBR	TPS71334DRCTG4
HPA00073DRCR	TPA6201A1DRB	TPS61042DRBRG4	TPS650242RHBRG4	TPS73201DRBR
HPA00091DRCR	TPA6201A1DRBG4	TPS61042DRBT	TPS650242RHBT	TPS73201DRBRG4
HPA00096DRCR	TPA6201A1DRBR	TPS61042DRBTG4	TPS650242RHBTG4	TPS73201DRBT
HPA00096DRCRG4	TPA6201A1DRBRG4	TPS61043DRBR	TPS650243RHBR	TPS73201DRBTG4
HPA00102DRCR	TPA6203A1DRB	TPS61043DRBRG4	TPS650243RHBRG4	TPS73601DRBR
HPA00105DRBR	TPA6203A1DRBG4	TPS61043DRBT	TPS650243RHBT	TPS73601DRBRG4
HPA00145DRCR	TPA6203A1DRBR	TPS61043DRBTG4	TPS650243RHBTG4	TPS73601DRBT
HPA00174DRBR	TPA6203A1DRBRG4	TPS61045DRBR	TPS650244RHBR	TPS73601DRBTG4
HPA00177DRBR	TPA6204A1DRB	TPS61045DRBRG4	TPS650244RHBRG4	TPS73601MDRBRREP
HPA00183DRPR	TPA6204A1DRBG4	TPS61045DRBT	TPS650244RHBT	TPS736125DRBR
HPA00188DRCR	TPA6204A1DRBR	TPS61045DRBTG4	TPS650244RHBTG4	TPS736125DRBRG4
HPA00198DRBR	TPA6204A1DRBRG4	TPS61050DRCR	TPS650245RHBR	TPS736125DRBT
HPA00204DRCR	TPA6205A1DRBR	TPS61050DRCRG4	TPS650245RHBRG4	TPS736125DRBTG4
HPA00205DRBR	TPA6205A1DRBG4	TPS61050DRCT	TPS650245RHBT	TPS73615DRBR
HPA00219RHBR	TPA6205A1DRBT	TPS61050DRCTG4	TPS650245RHBTG4	TPS73615DRBRG4
HPA00220RGER	TPA6205A1DRBTG4	TPS61052DRCR	TPS650250RHBR	TPS73615DRBT
HPA00221RGTR	TPA6211A1DRB	TPS61052DRCRG4	TPS650250RHBT	TPS73615DRBTG4

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HPA00228RGTRG4	TPA6211A1DRBG4	TPS61052DRCT	TPS65050RSMR	TPS73619DRBR
HPA00233RGER	TPA6211A1DRBR	TPS61052DRCTG4	TPS65050RSMRG4	TPS73619DRBRG4
HPA00238DRCR	TPA6211A1DRBG4	TPS61054DRCR	TPS65050RSMT	TPS73619DRBT
HPA00239DRCR	TPS2042BDRBR	TPS61054DRCRG4	TPS65050RSMTG4	TPS73619DRBTG4
HPA00243RHAR	TPS2042BDRBT	TPS61054DRCT	TPS65051RSMR	TPS73633DRBR
HPA00246DRBR	TPS2052BDRBR	TPS61054DRCTG4	TPS65051RSMRG4	TPS73633DRBRG4
HPA00247DRBR	TPS2052BDRBT	TPS61055DRCR	TPS65051RSMT	TPS73633DRBT
HPA00249DRCR	TPS2060DRBR	TPS61055DRCRG4	TPS65051RSMTG4	TPS73633DRBTG4
HPA00302DRBR	TPS2060DRBT	TPS61055DRCT	TPS65052RSMR	TPS73701DRBR
HPA00339RHHR	TPS2062ADRBR	TPS61055DRCTG4	TPS65052RSMRG4	TPS73701DRBRG4
HPA00349DRCR	TPS2062ADRBRG4	TPS61058DRCR	TPS65052RSMT	TPS73701DRBT
HPA00350DRCR	TPS2062ADRBT	TPS61058DRCRG4	TPS65052RSMTG4	TPS73701DRBTG4
HPA00351DRCR	TPS2062ADRBTG4	TPS61059DRCR	TPS65053RGER	TPS73730DRBR
HPA00355DRCR	TPS2064DRBR	TPS61059DRCRG4	TPS65053RGERG4	TPS73730DRBT
HPA00360DRBR	TPS2064DRBT	TPS61059DRCT	TPS65053RGER-LI	TPS74201RGWR
HPA00376DRCR	TPS2066ADRBR	TPS61059DRCTG4	TPS65053RGET	TPS74201RGWRG4
HPA00377DRCR	TPS2066ADRBRG4	TPS61080DRCR	TPS65053RGETG4	TPS74201RGWT
HPA00379DRBR	TPS2066ADRBT	TPS61080DRCRG4	TPS65053RGET-LI	TPS74201RGWTG4
HPA00390RHBR	TPS2066ADRBTG4	TPS61080DRCT	TPS65054RSMR	TPS74701DRCR
HPA00398DRBR	TPS2115ADRBR	TPS61080DRCTG4	TPS65054RSMRG4	TPS74701DRCR/2801
HPA00455DRCR	TPS2115ADRBRG4	TPS61081DRCR	TPS65054RSMT	TPS74701DRCRG4
HPA00458RHBR	TPS2115ADRBT	TPS61081DRCRG4	TPS65054RSMTG4	TPS74701DRCT
HPA00470A1DRBR	TPS2115ADRBTG4	TPS61091DRCT	TPS65055RSMR	TPS74701DRCTG4
HPA00480RHBR	TPS2231MRGPR	TPS61081DRCTG4	TPS65055RSMRG4	TPS74801DRCR
HPA00483DRBR	TPS2231MRGPR-1	TPS61087DRCR	TPS65055RSMT	TPS74801DRCR/2801
HPA00497RGPR	TPS2231MRGPR-1G4	TPS61087DRCRG4	TPS65055RSMTG4	TPS74801DRCRG4
HPA00511DRBR	TPS2231MRGPR-2	TPS61087DRCT	TPS65056RSMR	TPS74801DRCT
HPA00512DRCR	TPS2231MRGPR-2G4	TPS61087DRCTG4	TPS65056RSMRG4	TPS74801DRCTG4
HPA00514DRCR	TPS2231MRGPRG4	TPS61090RSAR	TPS65056RSMT	TPS74801RGWR
HPA00519RGZR	TPS2231MRGPT	TPS61090RSARG4	TPS65056RSMTG4	TPS74801RGWRG4
HPA00527DRCR	TPS2231MRGPT-1	TPS61091RSAR	TPS65058RGER	TPS74801RGWT
HPA00538RHBTG4	TPS2231MRGPT-1G4	TPS61091RSARG4	TPS65058RGERG4	TPS74801RGWTG4
HPA00539RHBR	TPS2231MRGPTG4	TPS61092RSAR	TPS65058RGET	TPS74901RGWR
HPA00546DRCR	TPS2231RGPR	TPS61092RSARG4	TPS65058RGETG4	TPS74901RGWRG4
HPA00558DRCR	TPS2231RGPRG4	TPS61100RGER	TPS65100RGER	TPS74901RGWT
HPA00572DRCR	TPS2231RGPT	TPS61100RGERG4	TPS65100RGERG4	TPS74901RGWTG4
HPA00583DRBR	TPS2231RGPTG4	TPS61120RSAR	TPS65101RGER	TPS79501DRBR
HPA00593RHBR	TPS2420RSAR	TPS61120RSARG4	TPS65101RGERG4	TPS79501DRBRG4
HPA00611RHBR	TPS2420RSAT	TPS61200DRCR	TPS65105RGER	TPS79501DRBT
HPA00614DRCR	TPS2590RSAR	TPS61200DRCRG4	TPS65105RGERG4	TPS79501DRBTG4
HPA00616DRCR	TPS2590RSAT	TPS61200DRCT	TPS65120RGTR	TPS79601DRBR
HPA00617RGWR	TPS40040DRBR	TPS61200DRCTG4	TPS65120RGTRG4	TPS79601DRBRG4
HPA00625DRCR	TPS40040DRBRG4	TPS61201DRCR	TPS65120RGTT	TPS79601DRBT
HPA00639RHBR	TPS40040DRBT	TPS61201DRCRG4	TPS65120RGTTG4	TPS79601DRBTG4
HPA00642DRBR	TPS40040DRBTG4	TPS61201DRCT	TPS65121RGTR	TPS79613DRBR
HPA00652RGTR	TPS40041DRBR	TPS61201DRCTG4	TPS65121RGTRG4	TPS79613DRBRG4
HPA00661DRBR	TPS40041DRBRG4	TPS61202DRCR	TPS65121RGTT	TPS79613DRBT
HPA00680RSMR	TPS40041DRBT	TPS61202DRCRG4	TPS65121RGTTG4	TPS79613DRBTG4
HPA00684RGWR	TPS40041DRBTG4	TPS61202DRCT	TPS65123RGTR	TPS79628DRBR
HPA00753RGER	TPS40042DRCR	TPS61202DRCTG4	TPS65123RGTRG4	TPS79628DRBRG4
HPA00756D1RGPR	TPS40042DRCRG4	TPS62020DRCR	TPS65123RGTT	TPS79628DRBT
HPA00762RHHR	TPS40042DRCT	TPS62020DRCRG4	TPS65123RGTTG4	TPS79628DRBTG4
HPA00801DRBR	TPS40042DRCTG4	TPS62021DRCR	TPS65124RGTR	TPS79650DRBR
HPA00802DRCR	TPS40100RGER	TPS62021DRCRG4	TPS65124RGTRG4	TPS79650DRBRG4
HPA00810RGTR-1/2	TPS40100RGERG4	TPS62026DRCR	TPS65124RGTT	TPS79650DRBT
PTPS61058DRCR	TPS40100RGET	TPS62026DRCRG4	TPS65124RGTTG4	TPS79650DRBTG4
SN0401021DRCR	TPS40100RGETG4	TPS62040DRCR	TPS65130RGER	UCC2541RHBR
SN0401021DRCRG4	TPS40101RGER	TPS62040DRCRG4	TPS65130RGERG4	UCC2541RHBRG4
SN0504037RGER	TPS40101RGERG4	TPS62042DRCR	TPS65130RGET	UCC2541RHBT
SN0504037RGERG4	TPS40101RGET	TPS62042DRCRG4	TPS65130RGETG4	UCC2541RHBTG4
SN0510064DRCR	TPS40101RGETG4	TPS62043DRCR	TPS65131RGER	UCC2897ARGPR
SN0510064DRCRG4	TPS40130RHBR	TPS62043DRCRG4	TPS65131RGERG4	UCC2897ARGPT
SN0512022DRBR	TPS40130RHBRG4	TPS62044DRCR	TPS65131RGET	UCD7230RGWR
SN0512022DRBRG4	TPS40130RHBT	TPS62044DRCRG4	TPS65131RGETG4	UCD7230RGWRG4
SN0512022DRBT	TPS40130RHBTG4	TPS62046DRCR	TPS65140RGER	UCD7230RGWT
SN0512022DRBTG4	TPS40131RHBR	TPS62046DRCRG4	TPS65140RGERG4	UCD7230RGWTG4

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SN0603044RSAR	TPS40131RHBRG4	TPS62110MRSAREP	TPS65141RGER	V62/06626-01ZE
SN0603044RSARG4	TPS40131RHBT	TPS62110RSAR	TPS65141RGERG4	V62/07622-01XE
SN0604023DRCR	TPS40131RHBTG4	TPS62110RSARG4	TPS65145RGER	V62/07622-02XE
SN0604023DRCRG4	TPS40132RHBR	TPS62110RSAT	TPS65145RGERG4	V62/07622-03XE
SN0604023DRCT	TPS40132RHBRG4	TPS62110RSATG4	TPS65146RGER	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.					

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.					