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西新宿三井ビルディング

報告書番号：PCN#20090529000
2009 年 6 月 4 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 品質保証部 カスタマドキュメント
マネージャ 牧 達郎 (牧)

QFN パッケージ 一部製品 組立サイト追加/Cu(銅)線ボンディングワイア変更予定のご案内

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

敬具

－ 記 －

通知タイプ	☒ Initial notice (Plan)	☐ Final notice
変更概要	Design/Specification	☐ Design ☐ Electrical ☐ Mechanical
	Wafer Fab	☐ Site ☐ Process ☐ Material
	Wafer Bump	☐ Site ☐ Process ☐ Material
	☒ Assembly	☒ Site ☐ Process ☒ Material
	Test	☐ Site ☐ Process
	Others	☐ Packing/Shipping/Labeling ☐ -
変更内容	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 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	9 月中旬の出荷より予定しています。	
品質認定試験	☒ 計画	☐ 終了
製品表示	☐ 変更無し	☒ 変更あり
備考	－	

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

以上

変更内容

内容: 今回のお知らせは、下記変更実施についての一次予定の連絡になります。最終的なお知らせは、対象製品の弊社内変更審査が終了次第、本PCNの更新版として認定製品及び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。

弊社 HPA (ハイパフォーマンスアナログ) 及び PWR (パワーマネジメント) QFN パッケージ 一部製品の組立サイトについて、安定供給確保の為に、TI-Clark (フィリピン) サイトを追加し認定する予定です。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する予定です。下表をご参照下さい。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
認定済みサイト

変更後
認定済みサイト

ボンディングワイア

Au (金) 線

TI-Clark (フィリピン) サイト
Cu (銅) 線 (一部製品)

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

ADS1203IRGTR	ADS8472IRGZR	DAC8881SRGER	SN75DP122RTQT	TPS51220RHBRG4
ADS1203IRGTRG4	ADS8472IRGZRG4	DAC8881SRGERG4	SN75DP122RTQTG4	TPS51220RHBT
ADS1203IRGTT	ADS8472IRGZT	DAC8881SRGET	SN75DP128ARTQR	TPS51220RHBTG4
ADS1203IRGTTG4	ADS8472IRGZTG4	DAC8881SRGETG4	SN75DP128ARTQT	TPS51610IRHBR
ADS1204IRHBR	ADS8472IRGZR	DAC9881SBRGER	SN75DP128RTQR	TPS51610IRHBT
ADS1204IRHBRG4	ADS8472IRGZRG4	DAC9881SBRGERG4	SN75DP128RTQRG4	TPS51610RHBR
ADS1204IRHBT	ADS8472IRGZT	DAC9881SBRGET	SN75DP128RTQT	TPS51610RHBRG4
ADS1204IRHBTG4	ADS8472IRGZTG4	DAC9881SBRGETG4	SN75DP128RTQTG4	TPS51610RHBT
ADS1205IRGER	ADS8481IRGZR	DAC9881SRGER	SN75DP129RHR	TPS51620RHAR
ADS1205IRGERG4	ADS8481IRGZRG4	DAC9881SRGERG4	SN75DP129RHHRG4	TPS51620RHARG4
ADS1205IRGET	ADS8481IRGZT	DAC9881SRGET	SN75DP129RHHT	TPS51620RHAT
ADS1205IRGETG4	ADS8481IRGZTG4	DAC9881SRGETG4	SN75DP129RHHTG4	TPS51620RHATG4
ADS1225IRGVR	ADS8481IRGZR	DRV401AIRGWR	SN75DP139RGZR	TPS51727RHAR
ADS1225IRGVRG4	ADS8481IRGZRG4	DRV401AIRGWRG4	SN75DP139RGZT	TPS51727RHARG4
ADS1225IRGVT	ADS8481IRGZT	DRV401AIRGWT	SN75LBC180RSAR	TPS51727RHAT
ADS1225IRGVTG4	ADS8481IRGZTG4	DRV401AIRGWTG4	SN75LBC180RSARG4	TPS51727RHATG4
ADS1226IRGVR	ADS8482IRGZR	HPA00093IRGZR	SN75LBC180RSAT	TPS53124RGER
ADS1226IRGVRG4	ADS8482IRGZRG4	HPA00108RHBR	SN75LBC180RSATG4	TPS53124RGERG4
ADS1226IRGVT	ADS8482IRGZT	HPA00155RSAR	SNLV1023ARHBTG4	TPS53124RGET
ADS1226IRGVTG4	ADS8482IRGZTG4	HPA00160RGWR	THS4302RGTR	TPS53124RGETG4
ADS5517IRGZR	ADS8482IRGZR	HPA00161RGWR	THS4302RGTRG4	TPS54620RGYR
ADS5517IRGZRG4	ADS8482IRGZRG4	HPA00168IRHBR	THS4302RGTT	TPS54620RGYT
ADS5517IRGZT	ADS8482IRGZT	HPA00176BRHDR	THS4302RGTTG4	TPS54621RGYR
ADS5517IRGZTG4	ADS8482IRGZTG4	HPA00183DRPR	THS4303RGTR	TPS54621RGYT
ADS5525IRGZR	ADS8484IRGZR	HPA00219RHBR	THS4303RGTRG4	TPS60230RGTR
ADS5525IRGZRG4	ADS8484IRGZRG4	HPA00220RGER	THS4303RGTT	TPS60230RGTRG4
ADS5525IRGZT	ADS8484IRGZT	HPA00221RGTR	THS4303RGTTG4	TPS60230RGTT
ADS5525IRGZTG4	ADS8484IRGZTG4	HPA00223IRHBR	THS4508RGTR	TPS60230RGTTG4
ADS5527IRGZR	ADS8484IRGZR	HPA00228RGTRG4	THS4508RGTRG4	TPS60231RGTR
ADS5527IRGZRG4	ADS8484IRGZRG4	HPA00233RGER	THS4508RGTT	TPS60231RGTRG4
ADS5527IRGZT	ADS8484IRGZT	HPA00243RHAR	THS4508RGTTG4	TPS60231RGTT
ADS5527IRGZTG4	ADS8484IRGZTG4	HPA00256K1RHBR	THS4509RGTR	TPS60231RGTTG4
ADS5545IRGZR	AIC111RHBR	HPA00269IRHBR	THS4509RGTRG4	TPS61103RGER
ADS5545IRGZRG4	AIC111RHBRG4	HPA00339RHHR	THS4509RGTT	TPS61103RGERG4
ADS5545IRGZT	AIC111RHBR	HPA00390RHBR	THS4509RGTTG4	TPS61106RGER
ADS5545IRGZTG4	AIC111RHBRG4	HPA00399RHDR	THS4511RGTR	TPS61106RGERG4
ADS5546IRGZR	AMC1210IRHAR	HPA00419RGPR	THS4511RGTRG4	TPS61107RGER
ADS5546IRGZRG4	AMC1210IRHARG4	HPA00420RGVR	THS4511RGTT	TPS61107RGERG4
ADS5546IRGZT	AMC1210IRHAT	HPA00458RHBR	THS4511RGTTG4	TPS61121RSAR
ADS5546IRGZTG4	AMC1210IRHATG4	HPA00474RHBR	THS4513RGTR	TPS61121RSARG4
ADS5547IRGZR	BQ24001RGWR	HPA00475RTQR	THS4513RGTRG4	TPS61130RSAR

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ADS5547IRGZRG4	BQ24001RGWRG4	HPA00480RHR	THS4513RGTT	TPS61130RSARG4
ADS5547IRGZT	BQ24002RGWR	HPA00497RGPR	THS4513RGTTG4	TPS61132RSAR
ADS5547IRGZTG4	BQ24002RGWRG4	HPA00499RHR	THS4520RGTR	TPS61132RSARG4
ADS5560IRGZR	BQ24003RGWR	HPA00503RGTR	THS4520RGTRG4	TPS62113RSAR
ADS5560IRGZRG4	BQ24003RGWRG4	HPA00504RGPR	THS4520RGTT	TPS62113RSAT
ADS5560IRGZT	BQ24007RGWR	HPA00519RGZR	THS4520RGTTG4	TPS650250RHR
ADS5560IRGZTG4	BQ24007RGWRG4	HPA00530RGER	THS6132RGWR	TPS650250RHBT
ADS5562IRGZR	BQ24703RHDR	HPA00538RHBTG4	THS6132RGWRG4	TPS65110RGE
ADS5562IRGZRG4	BQ24703RHDRG4	HPA00539RHR	TL16C2550IRHB	TPS65110RGE
ADS5562IRGZT	BQ24721CRHBR	HPA00584RGWR	TL16C2550IRHBG4	TPS65110RGER
ADS5562IRGZTG4	BQ24721CRHBRG4	HPA00593RHR	TL16C2550IRHBR	TPS65110RGERG4
ADS6122IRHBR	BQ24721CRHBT	HPA00611RHR	TL16C2550IRHBRG4	TPS65111ARGE
ADS6122IRHBRG4	BQ24721CRHBTG4	HPA00617RGWR	TL16C2550IRHB	TPS65111ARGE
ADS6122IRHBT	BQ24740RHDR	HPA00639RHR	TL16C2550IRHBG4	TPS65111ARGER
ADS6122IRHBTG4	BQ24740RHDRG4	HPA00652RGTR	TL16C2550IRHBR	TPS65111ARGERG4
ADS6123IRHBR	BQ24740RHDT	HPA00664RGER	TL16C2550IRHBRG4	TPS65111RGE
ADS6123IRHBRG4	BQ24740RHDTG4	HPA00680RSMR	TL16C550D1RHB	TPS65111RGE
ADS6123IRHBT	BQ24741RHDR	HPA00684RGWR	TL16C550D1RHBG4	TPS65111RGER
ADS6123IRHBTG4	BQ24741RHDT	HPA00702F128RHAR	TL16C550D1RHR	TPS65111RGERG4
ADS6124IRHBR	BQ24750ARHBR	HPA00753RGER	TL16C550D1RHRG4	TPS65146RGER
ADS6124IRHBRG4	BQ24750ARHDT	HPA00756D1RGPR	TL16C550DRHB	TPS65148RHBT
ADS6124IRHBT	BQ24750RHDR	HPA00762RHHR	TL16C550DRHBG4	TPS65190RHDR
ADS6124IRHBTG4	BQ24750RHDRG4	LOG114AIRGVR	TL16C550DRHBR	TPS65191RHR
ADS6125IRHBR	BQ24750RHDT	LOG114AIRGVRG4	TL16C550DRHBRG4	TPS65192RHDR
ADS6125IRHBRG4	BQ24750RHDTG4	LOG114AIRGVT	TL16C752C1RHR	TPS74201RGWR
ADS6125IRHBT	BQ24751BRHBR	LOG114AIRGVTG4	TL16C752C1RHRG4	TPS74201RGWRG4
ADS6125IRHBTG4	BQ24751BRHBRG4	MPD23698RHA	TL16C752CRHBR	TPS74201RGWT
ADS6128IRGZR	BQ24751BRHDT	MSC1201Y2RHHR	TL16C752CRHBRG4	TPS74201RGWTG4
ADS6128IRGZRG4	BQ24751BRHDTG4	MSC1201Y2RHHRG4	TLC5923RHBR	TPS74301RGWR
ADS6128IRGZT	BQ24751RHDR	MSC1201Y2RHHT	TLC5923RHBRG4	TPS74301RGWRG4
ADS6128IRGZTG4	BQ24751RHDRG4	MSC1201Y2RHHTG4	TLC5923RHBT	TPS74301RGWT
ADS6129IRGZR	BQ24751RHDT	MSC1201Y3RHHR	TLC5923RHBTG4	TPS74301RGWTG4
ADS6129IRGZRG4	BQ24751RHDTG4	MSC1201Y3RHHRG4	TLC5924RHBR	TPS74401RGWR
ADS6129IRGZT	BQ24753RHDR	MSC1201Y3RHHT	TLC5924RHBRG4	TPS74401RGWRG4
ADS6129IRGZTG4	BQ24753RHDT	MSC1201Y3RHHTG4	TLC5924RHBT	TPS74401RGWT
ADS6142IRHBR	BQ26100DRPR	MSC1202Y2RHHR	TLC5924RHBTG4	TPS74401RGWTG4
ADS6142IRHBRG4	BQ26100DRPRG4	MSC1202Y2RHHRG4	TLK1002ARGER	TRF370315IRGER
ADS6142IRHBT	BQ6400RGZR	MSC1202Y2RHHT	TLK1002ARGERG4	TRF370315IRGERG4
ADS6142IRHBTG4	BQ6400RGZT	MSC1202Y2RHHTG4	TLK1002ARGET	TRF370315IRGET
ADS6143IRHBR	BQ76PL102RGTT	MSC1202Y3RHHR	TLK1002ARGETG4	TRF370315IRGETG4
ADS6143IRHBRG4	BQ76PL102RGTR	MSC1202Y3RHHRG4	TLK1101ERGPR	TRF370317IRGER
ADS6143IRHBT	BQ78PL114RGZR	MSC1202Y3RHHT	TLK1101ERGPRG4	TRF370317IRGERG4
ADS6143IRHBTG4	BQ78PL114RGZT	MSC1202Y3RHHTG4	TLK1101ERGPT	TRF370317IRGET
ADS6144IRHBR	CC1020-WAVENIS	MSP430F2274MRHATEP	TLK1101ERGPTG4	TRF370317IRGETG4
ADS6144IRHBRG4	CC1020WRSS	ONET1101LRGER	TLK1102ERGER	TRF370333IRGER
ADS6144IRHBT	CC1020WRSSR	ONET1101LRGERG4	TLK1102ERGET	TRF370333IRGERG4
ADS6144IRHBTG4	CC1021RSS	ONET1101LRGET	TLK1221RHAR	TRF370333IRGET
ADS6145IRHBR	CC1021RSSR	ONET1101LRGETG4	TLK1221RHARG4	TRF370333IRGETG4
ADS6145IRHBRG4	CC1021RSSRG4	ONET1191VRGPR	TLK1221RHAT	TRF3710IRGZR
ADS6145IRHBT	CC1021-RTB1	ONET1191VRGPRG4	TLK1221RHATG4	TRF3710IRGZRG4
ADS6145IRHBTG4	CC1021-RTR1	ONET1191VRGPT	TLK4201EARGTR	TRF3710IRGZT
ADS6148IRGZR	CC2520RHDR	ONET1191VRGPTG4	TLK4201EARGTRG4	TRF3710IRGZTG4
ADS6148IRGZRG4	CC2520RHDRG4	ONET2501PARGTR	TLK4201EARGTT	TRF3750IRGP
ADS6148IRGZT	CC2520RHDT	ONET2501PARGTRG4	TLK4201EARGTTG4	TRF3750IRGPG4
ADS6148IRGZTG4	CC2520RHDTG4	ONET2501PARGTT	TLK4211EARGTR	TRF3750IRGPR
ADS6149IRGZR	CC2530F128RHAR	ONET2501PARGTTG4	TLK4211EARGTRG4	TRF3750IRGPRG4
ADS6149IRGZRG4	CC2530F128RHAT	ONET2511PARGTR	TLK4211EARGTT	TRF3761-A1RHAR
ADS6149IRGZT	CC2590RGVR	ONET2511PARGTRG4	TLK4211EARGTTG4	TRF3761-A1RHARG4
ADS6149IRGZTG4	CC2590RGVRG4	ONET2511PARGTT	TLK6201EARGTR	TRF3761-A1RHAT
ADS61B23IRHBR	CC2590RGVT	ONET2511PARGTTG4	TLK6201EARGTRG4	TRF3761-A1RHATG4
ADS61B23IRHBRG4	CC2590RGVTG4	ONET3301PARGTR	TLK6201EARGTT	TRF3761-B1RHAR
ADS61B23IRHBT	CC2591RGVR	ONET3301PARGTRG4	TLK6201EARGTTG4	TRF3761-B1RHARG4
ADS61B23IRHBTG4	CC2591RGVRG4	ONET3301PARGTT	TLV3203104IRHBR-LI	TRF3761-B1RHAT
ADS61B29IRGZR	CC2591RGVT	ONET3301PARGTTG4	TLV3203104IRHBT-LI	TRF3761-B1RHATG4
ADS61B29IRGZT	CC2591RGVTG4	ONET4201LDRGER	TLV320A23B1RHDRG4	TRF3761-C1RHAR
ADS61B49IRGZR	CDC421100RGER	ONET4201LDRGERG4	TLV320A3204IRHBRG4	TRF3761-C1RHARG4

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ADS61B49IRGZT	CDC421100RGERG4	ONET4201LDRGET	TLV320A3254IRHBRG4	TRF3761-CIRHAT
ADS6222IRGZR	CDC421100RGET	ONET4201LDRGETG4	TLV320ADC3101IRGER	TRF3761-CIRHATG4
ADS6222IRGZRG4	CDC421100RGETG4	ONET4201PARGTR	TLV320ADC3101IRGET	TRF3761-DIRHAR
ADS6222IRGZT	CDC421106RGER	ONET4201PARGTRG4	TLV320A1C12KIRHBR	TRF3761-DIRHARG4
ADS6222IRGZTG4	CDC421106RGERG4	ONET4201PARGTT	TLV320A1C12KIRHBT	TRF3761-DIRHAT
ADS6223IRGZR	CDC421106RGET	ONET4201PARGTTG4	TLV320A1C19IRHBR	TRF3761-DIRHATG4
ADS6223IRGZRG4	CDC421106RGETG4	ONET4211LDRGER	TLV320A1C19IRHBRG4	TRF3761-EIRHAR
ADS6223IRGZT	CDC421125RGER	ONET4211LDRGERG4	TLV320A1C19IRHBT	TRF3761-EIRHARG4
ADS6223IRGZTG4	CDC421125RGERG4	ONET4211LDRGET	TLV320A1C19IRHBTG4	TRF3761-EIRHAT
ADS6224IRGZR	CDC421125RGET	ONET4211LDRGETG4	TLV320A1C23BIRHD	TRF3761-EIRHATG4
ADS6224IRGZRG4	CDC421125RGETG4	ONET4251PARGTR	TLV320A1C23BIRHDG4	TRF3761-FIRHAR
ADS6224IRGZT	CDC421156RGER	ONET4251PARGTRG4	TLV320A1C23BIRHDR	TRF3761-FIRHARG4
ADS6224IRGZTG4	CDC421156RGERG4	ONET4251PARGTT	TLV320A1C23BRHD	TRF3761-FIRHAT
ADS6225IRGZR	CDC421156RGET	ONET4251PARGTTG4	TLV320A1C23BRHDG4	TRF3761-FIRHATG4
ADS6225IRGZRG4	CDC421156RGETG4	ONET4291PARGVR	TLV320A1C23BRHDR	TRF3761-GIRHAR
ADS6225IRGZT	CDC421212RGER	ONET4291PARGVRG4	TLV320A1C23BRHDRG4	TRF3761-GIRHARG4
ADS6225IRGZTG4	CDC421212RGERG4	ONET4291PARGVT	TLV320A1C26IRHB	TRF3761-GIRHAT
ADS6242IRGZR	CDC421212RGET	ONET4291PARGVTG4	TLV320A1C26IRHBG4	TRF3761-GIRHATG4
ADS6242IRGZRG4	CDC421212RGETG4	ONET4291VARGPR	TLV320A1C26IRHBR	TRF3761-HIRHAR
ADS6242IRGZT	CDC421250RGER	ONET4291VARGPRG4	TLV320A1C26IRHBRG4	TRF3761-HIRHARG4
ADS6242IRGZTG4	CDC421250RGERG4	ONET4291VARGPT	TLV320A1C28IRGZ	TRF3761-HIRHAT
ADS6243IRGZR	CDC421250RGET	ONET4291VARGPTG4	TLV320A1C28IRGZG4	TRF3761-HIRHATG4
ADS6243IRGZRG4	CDC421250RGETG4	ONET8501PBRGTR	TLV320A1C28IRGZR	TRF3761-JIRHAR
ADS6243IRGZT	CDC421312RGER	ONET8501PBRGTRG4	TLV320A1C28IRGZRG4	TRF3761-JIRHARG4
ADS6243IRGZTG4	CDC421312RGERG4	ONET8501PBRGTT	TLV320A1C29IRGZR	TRF3761-JIRHAT
ADS6244IRGZR	CDC421312RGET	ONET8501PBRGTTG4	TLV320A1C29IRGZRG4	TRF3761-JIRHATG4
ADS6244IRGZRG4	CDC421312RGETG4	ONET8501PRGTR	TLV320A1C29IRGZT	TRF3762-EIRHAR
ADS6244IRGZT	CDC7005RGZR	ONET8501PRGTRG4	TLV320A1C29IRGZTG4	TRF3762-EIRHARG4
ADS6244IRGZTG4	CDC7005RGZRG4	ONET8501PRGTT	TLV320A1C3000IRGZR	TRF3762-EIRHAT
ADS6245IRGZR	CDC7005RGZT	ONET8501PRGTTG4	TLV320A1C3000IRGZT	TRF3762-EIRHATG4
ADS6245IRGZRG4	CDC7005RGZTG4	ONET8501VRGPR	TLV320A1C3004IRHBR	TRF7904RGPR
ADS6245IRGZT	CDCE18005RGZR	ONET8501VRGPRG4	TLV320A1C3004IRHBT	TRF7904RGPRG4
ADS6245IRGZTG4	CDCE18005RGZT	ONET8501VRGPT	TLV320A1C3101IRHBR	TRF7904RGPT
ADS7229IRSAR	CDCE421RGER	ONET8501VRGPTG4	TLV320A1C3101IRHBT	TRF7904RGPTG4
ADS7229IRSARG4	CDCE421RGERG4	ONET8511PRGTR	TLV320A1C3104IRHBR	TS2DP512ARTQR
ADS7229IRSAT	CDCE421RGET	ONET8511PRGTRG4	TLV320A1C3104IRHBT	TS2DP512ARTQT
ADS7229IRSATG4	CDCE421RGETG4	ONET8511PRGTT	TLV320A1C3105IRHBR	TS2DP512RTQR
ADS7230IRSAR	CDCE62005RGZR	ONET8511PRGTTG4	TLV320A1C3105IRHBT	TS2DP512RTQRG4
ADS7230IRSARG4	CDCE62005RGZT	ONET9901PARGP	TLV320A1C3106IRGZR	TS2DP512RTQT
ADS7230IRSAT	CDCL1810RGZR	ONET9901PARGPG4	TLV320A1C3106IRGZT	TS2DP512RTQTG4
ADS7230IRSATG4	CDCL1810RGZRG4	OPA2673IRGVR	TLV320A1C3111IRHBR	TSC2008IRGVR
ADS7279IRSAR	CDCL1810RGZT	OPA2673IRGVRG4	TLV320A1C3111IRHBT	TSC2008IRGVT
ADS7279IRSARG4	CDCL1810RGZTG4	OPA2673IRGVT	TLV320A1C31IRHBR	TSC2046EIRGVR
ADS7279IRSAT	CDCL6010RGZR	OPA2673IRGVTG4	TLV320A1C31IRHBRG4	TSC2046EIRGVRG4
ADS7279IRSATG4	CDCL6010RGZRG4	OPA2677IRGVR	TLV320A1C31IRHBT	TSC2046EIRGVT
ADS7280IRSAR	CDCL6010RGZT	OPA2677IRGVRG4	TLV320A1C31IRHBTG4	TSC2046EIRGVTG4
ADS7280IRSARG4	CDCL6010RGZTG4	OPA2677IRGVT	TLV320A1C3204IRHBR	TSC2046IRGVR
ADS7280IRSAT	CDCLVD110ARHBR	OPA2677IRGVTG4	TLV320A1C3204IRHBT	TSC2046IRGVRG4
ADS7280IRSATG4	CDCLVD110ARHBRG4	OPA2695IRGTR	TLV320A1C3254IRHBR	TSC2046IRGVT
ADS7846IRGVR	CDCLVD110ARHBT	OPA2695IRGTRG4	TLV320A1C3254IRHBT	TSC2046IRGVTG4
ADS7846IRGVRG4	CDCLVD110ARHBTG4	OPA2695IRGTT	TLV320A1C32IRHBR	TSC2100IRHB
ADS7846IRGVT	CDCLVP111IRHBR	OPA2695IRGTTG4	TLV320A1C32IRHBRG4	TSC2100IRHBG4
ADS7846IRGVTG4	CDCLVP111IRHBT	PCM1774RGPR	TLV320A1C32IRHBT	TSC2100IRHBR
ADS7861IBRHBR	CDCLVP215RHBR	PCM1774RGPRG4	TLV320A1C32IRHBTG4	TSC2100IRHBRG4
ADS7861IBRHBRG4	CDCLVP215RHBT	PCM1774RGPT	TLV320A1C33IRGZR	TSC2101IRGZ
ADS7861IBRHBT	CDCM1802RGTR	PCM1774RGPTG4	TLV320A1C33IRGZRG4	TSC2101IRGZG4
ADS7861IBRHBTG4	CDCM1802RGTRG4	PCM3793ARHBR	TLV320A1C33IRGZT	TSC2101IRGZR
ADS7861IRHBR	CDCM1802RGTT	PCM3793ARHBRG4	TLV320A1C33IRGZTG4	TSC2101IRGZRG4
ADS7861IRHBRG4	CDCM1802RGTTG4	PCM3793ARHBT	TLV320A26IRHBG4	TSC2111IRGZR
ADS7861IRHBT	CDCM1804RGER	PCM3793ARHBTG4	TLV320DAC23IRHD	TSC2111IRGZRG4
ADS7861IRHBTG4	CDCM1804RGERG4	PCM3793RHBR	TLV320DAC23IRHDG4	TSC2111IRGZT
ADS7863IRGER	CDCM1804RGET	PCM3793RHBRG4	TLV320DAC23IRHDR	TSC2111IRGZTG4
ADS7863IRGERG4	CDCM1804RGETG4	PCM3793RHBT	TLV320DAC23IRHDRG4	TSC2117IRGZR
ADS7863IRGET	CDCM61001RHBR	PCM3793RHBTG4	TLV320DAC23RHD	TSC2117IRGZT
ADS7863IRGETG4	CDCM61001RHBR/2801	PCM3794ARHBR	TLV320DAC23RHDG4	TSC2200IRHB
ADS7881IRGZR	CDCM61001RHBT	PCM3794ARHBRG4	TLV320DAC23RHDR	TSC2200IRHBG4

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ADS7881IRGZRG4	CDCM61002RHBR	PCM3794ARHBT	TLV320DAC23RHDRG4	TSC2200IRHBR
ADS7881IRGZT	CDCM61002RHBT	PCM3794ARHBTG4	TLV320DAC26IRHB	TSC2200IRHBRG4
ADS7881IRGZTG4	CDCM61004RHBR	PCM3794RHBR	TLV320DAC26IRHBG4	TSC2302IRGZ
ADS8327IBRSAR	CDCM61004RHBR/2801	PCM3794RHBRG4	TLV320DAC26IRHBR	TSC2302IRGZG4
ADS8327IBRSARG4	CDCM61004RHBT	PCM3794RHBT	TLV320DAC26IRHBRG4	TSC2302IRGZR
ADS8327IBRSAT	CDCM7005RGZR	PCM3794RHBTG4	TLV320DAC32IRHBR	TSC2302IRGZRG4
ADS8327IBRSATG4	CDCM7005RGZRG4	PTLV320A1C19IRHBR	TLV320DAC32IRHBRG4	TUSB2046BIRHBR
ADS8327IBRSAR	CDCM7005RGZT	SN0305042RTHR	TLV320DAC32IRHBT	TUSB2046BIRHBRG4
ADS8327IBRSARG4	CDCM7005RGZTG4	SN0305042RHT	TLV320DAC32IRHBTG4	TUSB2046BIRHBT
ADS8327IBRSAT	CDCP1803MRGETEP	SN0405032DRPR	TLVA1C12KIRHBRG4	TUSB2046BIRHBTG4
ADS8327IBRSATG4	CDCP1803RGER	SN0405032DRPRG4	TLVA1C12KIRHBTG4	TUSB3410IRHB
ADS8328IBRSAR	CDCP1803RGERG4	SN0708077DRPR	TLVA1C3000IRGZRG4	TUSB3410IRHBG4
ADS8328IBRSARG4	CDCP1803RGET	SN0708077DRPRG4	TLVA1C3000IRGZTG4	TUSB3410IRHBR
ADS8328IBRSAT	CDCP1803RGETG4	SN0803033RGTR	TLVA1C3101IRHBRG4	TUSB3410IRHBRG4
ADS8328IBRSATG4	CDCU877ARHAR	SN0803033RGTRG4	TLVA1C3101IRHBTG4	TUSB3410IRHB
ADS8328IBRSAR	CDCU877ARHARG4	SN0803034RGER	TLVA1C3104IRHBRG4	TUSB3410IRHBG4
ADS8328IBRSARG4	CDCU877ARHAT	SN0803034RGERG4	TLVA1C3104IRHBTG4	TUSB3410IRHBR
ADS8328IBRSAT	CDCU877ARHATG4	SN0808087RHAR	TLVA1C3105IRHBRG4	TUSB3410IRHBRG4
ADS8328IBRSATG4	CDCU877RHAR	SN0810083RGER	TLVA1C3105IRHBTG4	UCC2897ARGPR
ADS8329IBRSAR	CDCU877RHARG4	SN0811020RGER	TLVA1C3106IRGZRG4	UCC2897ARGPT
ADS8329IBRSARG4	CDCU877RHAT	SN105085RGWR	TLVA1C3106IRGZTG4	UCD3020RGZR
ADS8329IBRSAT	CDCU877RHATG4	SN105085RGWRG4	TMSD141RHAR	UCD3020RGZT
ADS8329IBRSATG4	CDCN877RTBR	SN65LBC180RSAR	TMSD141RHARG4	UCD3028RHAR
ADS8329IBRSAR	CDCVF857RHAR	SN65LBC180RSARG4	TPA5050RSAR	UCD3028RHAT
ADS8329IBRSARG4	CDCVF857RHARG4	SN65LBC180RSAT	TPA5050RSARG4	UCD9080RHBR
ADS8329IBRSAT	CDCVF857RHAT	SN65LBC180RSATG4	TPA5050RSAT	UCD9080RHBRG4
ADS8329IBRSATG4	CDCVF857RHATG4	SN65LV1023ARHBR	TPA5050RSATG4	UCD9080RHBT
ADS8330IBRSAR	DAC7552IRGTR	SN65LV1023ARHBRG4	TPA5051RSAR	UCD9080RHBTG4
ADS8330IBRSARG4	DAC7552IRGTRG4	SN65LV1023ARHBT	TPA5051RSARG4	UCD9081RHBR
ADS8330IBRSAT	DAC7552IRGTT	SN65LV1224BRHBR	TPA5051RSAT	UCD9081RHBRG4
ADS8330IBRSATG4	DAC7552IRGTTG4	SN65LV1224BRHBRG4	TPA5051RSATG4	UCD9081RHBT
ADS8330IBRSAR	DAC7553IRGTR	SN65LV1224BRHBT	TPA5052RSAR	UCD9081RHBTG4
ADS8330IBRSARG4	DAC7553IRGTRG4	SN65LV1224BRHBTG4	TPA5052RSARG4	UCD9112RHBR
ADS8330IBRSAT	DAC7553IRGTT	SN65LVC202RGER	TPA5052RSAT	UCD9112RHBRG4
ADS8330IBRSATG4	DAC7553IRGTTG4	SN65LVC202RGET	TPA5052RSATG4	UCD9112RHBT
ADS8361IRHBR	DAC7558IRHBR	SN65LVC204RGZR	TPA6045A4CRHBR	UCD9112RHBTG4
ADS8361IRHBRG4	DAC7558IRHBRG4	SN65LVC204RGZT	TPS2358RGZR	UCD9125RHBR
ADS8361IRHBT	DAC7558IRHBT	SN65LVC402RGER	TPS2358RGZRG4	UCD9125RHBRG4
ADS8361IRHBTG4	DAC7558IRHBTG4	SN65LVC402RGERG4	TPS2358RGZT	UCD9125RHBT
ADS8410IBRGZR	DAC8831IBRGYR	SN65LVC402RGET	TPS2358RGZTG4	UCD9125RHBTG4
ADS8410IBRGZRG4	DAC8831IBRGYRG4	SN65LVC402RGETG4	TPS2359RHHR	UCD9211RHAR
ADS8410IBRGZT	DAC8831IBRGYT	SN65LVC404RGZR	TPS2359RHHRG4	UCD9211RHAT
ADS8410IBRGZTG4	DAC8831IBRGYTG4	SN65LVC404RGZRG4	TPS2359RHHT	UCD9212RHAR
ADS8410IRGZR	DAC8831ICRGYR	SN65LVC404RGZT	TPS2359RHHTG4	UCD9212RHAT
ADS8410IRGZRG4	DAC8831ICRGYRG4	SN65LVC404RGZTG4	TPS2420RSAR	UCD9220RGZR
ADS8410IRGZT	DAC8831ICRGYT	SN65LVC40RGZ	TPS2420RSAT	UCD9220RGZT
ADS8410IRGZTG4	DAC8831ICRGYTG4	SN65LVC40RGZG4	TPS2458RHBR	UCD9324RGZR
ADS8413IBRGZR	DAC8831IRGYR	SN65LVC40RGZR	TPS2458RHBT	UCD9324RGZT
ADS8413IBRGZRG4	DAC8831IRGYRG4	SN65LVC40RGZRG4	TPS2459RHBR	V62/07622-01XE
ADS8413IBRGZT	DAC8831IRGYT	SN65LVC40RGZT	TPS2459RHBT	V62/07622-02XE
ADS8413IBRGZTG4	DAC8831IRGYTG4	SN65LVC40RGZTG4	TPS2590RSAR	V62/07622-03XE
ADS8413IRGZR	DAC8832IBRGYR	SN65LVDS315RGER	TPS2590RSAT	V62/08631-01XE
ADS8413IRGZRG4	DAC8832IBRGYRG4	SN65LVDS315RGERG4	TPS40090RHDR	V62/09619-01XE
ADS8413IRGZT	DAC8832IBRGYT	SN65LVDS315RGET	TPS40090RHDRG4	VCA2615RGZR
ADS8413IRGZTG4	DAC8832IBRGYTG4	SN65LVDS315RGETG4	TPS40090RHDT	VCA2615RGZRG4
ADS8471IBRGZR	DAC8832ICRGYR	SN75DP118RHHR	TPS40090RHDTG4	VCA2615RGZT
ADS8471IBRGZRG4	DAC8832ICRGYRG4	SN75DP118RHHRG4	TPS40091RHDR	VCA2615RGZTG4
ADS8471IBRGZT	DAC8832ICRGYT	SN75DP118RHHT	TPS40091RHDRG4	VCA2617RHBR
ADS8471IBRGZTG4	DAC8832ICRGYTG4	SN75DP118RHHTG4	TPS40091RHDT	VCA2617RHBRG4
ADS8471IRGZR	DAC8832IRGYR	SN75DP122ARTQR	TPS40091RHDTG4	VCA2617RHBT
ADS8471IRGZRG4	DAC8832IRGYRG4	SN75DP122ARTQT	TPS51123RGER	VCA2617RHBTG4
ADS8471IRGZT	DAC8832IRGYT	SN75DP122RTQR	TPS51123RGET	
ADS8471IRGZTG4	DAC8832IRGYTG4	SN75DP122RTQRG4	TPS51220RHBR	

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対象製品名 Cu (銅) 線ボンディングワイヤ				
BQ24072RGTR	TLC5946RHBR	TPS51117RGYR	TPS650240RHBR	TPS65131RGET
BQ24072RGTRG4	TLC5946RHBRG4	TPS51117RGYRG4	TPS650240RHBRG4	TPS65131RGETG4
BQ24072RGTT	TLC5946RHBT	TPS51117RGYT	TPS650240RHBT	TPS65140RGER
BQ24072RGTTG4	TLC5946RHBTG4	TPS51117RGYTG4	TPS650240RHBTG4	TPS65140RGERG4
BQ24073RGTR	TLC5947RHBR	TPS51120RHBR	TPS650241RHBR	TPS65141RGER
BQ24073RGTRG4	TLC5947RHBRG4	TPS51120RHBRG4	TPS650241RHBRG4	TPS65141RGERG4
BQ24073RGTT	TLC5947RHBT	TPS51120RHBT	TPS650241RHBT	TPS65145RGER
BQ24073RGTTG4	TLC5947RHBTG4	TPS51120RHBTG4	TPS650241RHBTG4	TPS65145RGERG4
BQ24074RGTR	TPA2013D1RGPR	TPS51124RGER	TPS650242RHBR	TPS65150RGER
BQ24074RGTRG4	TPA2013D1RGPRG4	TPS51124RGER/2354	TPS650242RHBRG4	TPS65150RGERG4
BQ24074RGTT	TPA2014D1RGPR	TPS51124RGERG4	TPS650242RHBT	TPS65162RGZR
BQ24074RGTTG4	TPA2014D1RGPRG4	TPS51124RGET	TPS650242RHBTG4	TPS65162RGZRG4
BQ24075RGTR	TPA2014D1RGPT	TPS51124RGETG4	TPS650243RHBR	TPS65167ARHAR
BQ24075RGTRG4	TPA2014D1RGPTG4	TPS51125RGER	TPS650243RHBRG4	TPS65167ARHARG4
BQ24075RGTT	TPA3100D2RGZR	TPS51125RGERG4	TPS650243RHBT	TPS65167RHAR
BQ24075RGTTG4	TPA3100D2RGZRG4	TPS51125RGET	TPS650243RHBTG4	TPS65167RHARG4
BQ24230RGTR	TPA3100D2RGZT	TPS51125RGETG4	TPS650244RHBR	TPS65167RHAT
BQ24230RGTRG4	TPA3100D2RGZTG4	TPS51427ARHBR	TPS650244RHBRG4	TPS65167RHATG4
BQ24230RGTT	TPA3101D2RGZR	TPS51427ARHBRG4	TPS650244RHBT	TPS65510RGTR
BQ24230RGTTG4	TPA3101D2RGZRG4	TPS51427ARHBT	TPS650244RHBTG4	TPS65510RGTRG4
BQ24232RGTR	TPA3101D2RGZT	TPS51427ARHBTG4	TPS650245RHBR	TPS65510RGTT
BQ24232RGTRG4	TPA3101D2RGZTG4	TPS51427RHBR	TPS650245RHBRG4	TPS65510RGTTG4
BQ24232RGTT	TPA6020A2RGWR	TPS51427RHBRG4	TPS650245RHBT	TPS65530ARSLR
BQ24232RGTTG4	TPA6020A2RGWRG4	TPS51427RHBT	TPS650245RHBTG4	TPS65530ARSLRG4
BQ24705RGER	TPA6020A2RGWT	TPS51427RHBTG4	TPS65050RSMR	TPS65530ARSLT
BQ24705RGERG4	TPA6020A2RGWTG4	TPS61030RSAR	TPS65050RSMRG4	TPS65530ARSLTG4
BQ24705RGET	TPA6040A4RHBR	TPS61030RSARG4	TPS65050RSMT	TPS65530RSLR
BQ24705RGETG4	TPA6040A4RHBRG4	TPS61031RSAR	TPS65050RSMTG4	TPS65530RSLRG4
BQ24745RHDR	TPA6041A4RHBR	TPS61031RSARG4	TPS65051RSMR	TPS65530RSLT
BQ24745RHDRG4	TPA6041A4RHBRG4	TPS61032RSAR	TPS65051RSMRG4	TPS65530RSLTG4
BQ24745RHDT	TPA6043A4RHBR	TPS61032RSARG4	TPS65051RSMT	TPS65560RGTR
BQ24745RHDTG4	TPA6043A4RHBRG4	TPS61090RSAR	TPS65051RSMTG4	TPS65560RGTRG4
BQ24751ARHDR	TPA6047A4RHBR	TPS61090RSARG4	TPS65052RSMR	TPS65560RGTT
BQ24751ARHDRG4	TPA6047A4RHBRG4	TPS61091RSAR	TPS65052RSMRG4	TPS65560RGTTG4
BQ24751ARHDT	TPS2231MRGPR	TPS61091RSARG4	TPS65052RSMT	TPS65561RGTR
BQ24751ARHDTG4	TPS2231MRGPR-1	TPS61092RSAR	TPS65052RSMTG4	TPS65561RGTRG4
SN0504037RGER	TPS2231MRGPR-1G4	TPS61092RSARG4	TPS65053RGER	TPS65561RGTT
SN0504037RGERG4	TPS2231MRGPR-2	TPS61100RGER	TPS65053RGERG4	TPS65561RGTTG4
SN0603044RSAR	TPS2231MRGPR-2G4	TPS61100RGERG4	TPS65053RGER-LI	TPS65562RGTR
SN0603044RSARG4	TPS2231MRGPRG4	TPS61120RSAR	TPS65053RGET	TPS65562RGTRG4
SN0608010RGER	TPS2231MRGPT	TPS61120RSARG4	TPS65053RGETG4	TPS65562RGTT
SN0608010RGERG4	TPS2231MRGPT-1	TPS62110MRSAREP	TPS65053RGET-LI	TPS65562RGTTG4
SN0608098RHBR	TPS2231MRGPT-1G4	TPS62110RSAR	TPS65054RSMR	TPS65563ARGTR
SN0608098RHBRG4	TPS2231MRGPTG4	TPS62110RSARG4	TPS65054RSMRG4	TPS65563ARGTRG4
SN0611035DRPR	TPS2231RGPR	TPS62110RSAT	TPS65054RSMT	TPS65563ARGTT
SN0611035DRPRG4	TPS2231RGPRG4	TPS62110RSATG4	TPS65054RSMTG4	TPS65563ARGTTG4
SN0701064RHBR	TPS2231RGPT	TPS62111MRSAREP	TPS65055RSMR	TPS65563RGTR
SN0701064RHBRG4	TPS2231RGPTG4	TPS62111RSAR	TPS65055RSMRG4	TPS65563RGTRG4
SN0706026RHHR	TPS40100RGER	TPS62111RSARG4	TPS65055RSMT	TPS65563RGTT
SN0706026RHHRG4	TPS40100RGERG4	TPS62111RSAT	TPS65055RSMTG4	TPS65563RGTTG4
SN0802043RHBR	TPS40100RGET	TPS62111RSATG4	TPS65056RSMR	TPS65800RTQR
SN0802043RHBRG4	TPS40100RGETG4	TPS62112MRSAREP	TPS65056RSMRG4	TPS65800RTQRG4
SN0804022RGER	TPS40101RGER	TPS62112RSAR	TPS65056RSMT	TPS65800RTQT
SN0804022RGERG4	TPS40101RGERG4	TPS62112RSARG4	TPS65056RSMTG4	TPS65800RTQTG4
SN0804022RGET	TPS40101RGET	TPS62112RSAT	TPS65058RGER	TPS65810RTQR
SN0804022RGETG4	TPS40101RGETG4	TPS62112RSATG4	TPS65058RGERG4	TPS65810RTQRG4
SN0806081RHBR	TPS40130RHBR	TPS65010RGZR	TPS65058RGET	TPS65810RTQT
SN0806081RHBRG4	TPS40130RHBRG4	TPS65010RGZRG4	TPS65058RGETG4	TPS65810RTQTG4
SN3100D2RGZR	TPS40130RHBT	TPS65010RGZT	TPS65100RGER	TPS65811RTQR
SN3100D2RGZRG4	TPS40130RHBTG4	TPS65010RGZTG4	TPS65100RGERG4	TPS65811RTQRG4
SN3101D2RGZR	TPS40131RHBR	TPS65011RGZR	TPS65101RGER	TPS65811RTQT
SN3101D2RGZRG4	TPS40131RHBRG4	TPS65011RGZRG4	TPS65101RGERG4	TPS65811RTQTG4

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TLC5928RGER	TPS40131RHBT	TPS65012RGZR	TPS65105RGER	TPS65820RSHR
TLC5928RGET	TPS40131RHBTG4	TPS65012RGZRG4	TPS65105RGERG4	TPS65820RSHRG4
TLC5940RHBR	TPS40132RHBR	TPS65012RGZT	TPS65120RGTR	TPS65820RSHT
TLC5940RHBRG4	TPS40132RHBRG4	TPS65012RGZTG4	TPS65120RGTRG4	TPS65820RSHTG4
TLC5941RHBR	TPS40132RHBT	TPS65013RGZR	TPS65120RGTT	TPS74801RGWR
TLC5941RHBRG4	TPS40132RHBTG4	TPS65013RGZRG4	TPS65120RGTTG4	TPS74801RGWRG4
TLC5941RHBT	TPS40140RHHR	TPS65013RGZT	TPS65121RGTR	TPS74801RGWT
TLC5941RHBTG4	TPS40140RHHR/2801	TPS65013RGZTG4	TPS65121RGTRG4	TPS74801RGWTG4
TLC5942RHBR	TPS40140RHHRG4	TPS65014RGZR	TPS65121RGTT	TPS74901RGWR
TLC5942RHBRG4	TPS40140RHHT	TPS65014RGZRG4	TPS65121RGTTG4	TPS74901RGWRG4
TLC5942RHBT	TPS40140RHHTG4	TPS65014RGZT	TPS65123RGTR	TPS74901RGWT
TLC5942RHBTG4	TPS40180RGER	TPS65014RGZTG4	TPS65123RGTRG4	TPS74901RGWTG4
TLC5943RHBR	TPS40180RGERG4	TPS65020RHAR	TPS65123RGTT	UCC2541RHBR
TLC5943RHBRG4	TPS40180RGET	TPS65020RHARG4	TPS65123RGTTG4	UCC2541RHBRG4
TLC5943RHBT	TPS40180RGETG4	TPS65020RHAT	TPS65124RGTR	UCC2541RHBT
TLC5943RHBTG4	TPS40222DRPR	TPS65020RHATG4	TPS65124RGTRG4	UCC2541RHBTG4
TLC5944RHBR	TPS40222DRPRG4	TPS65021RHAR	TPS65124RGTT	UCD7230RGWR
TLC5944RHBRG4	TPS40222DRPT	TPS65021RHARG4	TPS65124RGTTG4	UCD7230RGWRG4
TLC5944RHBT	TPS40222DRPTG4	TPS65021RHAT	TPS65130RGER	UCD7230RGWT
TLC5944RHBTG4	TPS51116RGER	TPS65021RHATG4	TPS65130RGERG4	UCD7230RGWTG4
TLC5945RHBR	TPS51116RGER/2354	TPS65022RHAR	TPS65130RGET	
TLC5945RHBRG4	TPS51116RGERG4	TPS65022RHARG4	TPS65130RGETG4	
TLC5945RHBT	TPS51116RGET	TPS65022RHAT	TPS65131RGER	
TLC5945RHBTG4	TPS51116RGETG4	TPS65022RHATG4	TPS65131RGERG4	

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る予定です。

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



図1 出荷ラベルの例

信頼性試験

信頼性試験計画

信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
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:	ABL 8200TI/ ABL 8290	Mold Compound:	SUM G770HCD	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		82	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level-3 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-3 /260C				

信頼性試験計画

信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
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:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	0.96 Mil. Dia, Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp Operating Life	155C,240Hrs		116	
**Biased HAST	130C/85%RH,96 Hrs		77	
**T/C	-65/150C,500 Cyc		82	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Backgrind Characterization	-		per spec	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: SH6966ACC0RGCRG4 (Au-Wire)				
Die Protective Coating:	10KACN	Die Size (mm):	2.78 X 2.78	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGC/64	
Mount Compound:	ABL 8200TI/ ABL 8290	Mold Compound:	SUM G770HCD	
Bond Wire:	1.15 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp Operating Life	125C,1000 Hrs		77	
**High Temp. Storage Bake	150C,1000 Hrs		77	
**Biased HAST	130C/85%RH,96 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Solderability	Steam age, 8 hours		22	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/150C, 500 Cyc		77	
Salt Atmosphere	24 Hrs		22	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -3 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-3 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: SH6966ACC0RGCRG4 (Cu-Wire)				
Die Protective Coating:	10KACN	Die Size (mm):	2.78 X 2.78	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGC/64	
Mount Compound:	ABL 8200TI/ ABL 8290	Mold Compound:	SUM G770HCD	
Bond Wire:	1.15Mil Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	125C,1000 Hrs	77	77	77
**High Temp. Storage Bake	150C,1000 Hrs	77	77	77
**Biased HAST	130C/85%RH,96 Hrs	77	77	77
**Autoclave	121C,96Hrs	77	77	77
**T/C	-65/150C,500 Cyc	87	87	87
Visual / Mechanical	Performed during Assembly MQ	per spec	per spec	per spec
Solderability	Steam age, 8 hours	22	22	22
Physical Dimensions	per mechanical drawing	5	5	5
Bond Pull	76 ball bonds, min. 3 units	76	76	76
Bond Shear	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
Manufacturability, Assembly	per mfg. Site specification	per spec	per spec	per spec
**Thermal Shock	-65/150C, 500 Cyc	77	77	77
Salt Atmosphere	24 Hrs	22	22	22
X-ray	top side only	5	5	5
Moisture Sensitivity	JEDEC Level -3 / 260C	12	12	12
Note: ** Moisture Preconditioning required, JEDEC L-3 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
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:	ABL 8200TI/ ABL 8290	Mold Compound:	SUM G770HCD	
Bond Wire:	0.96 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp Operating Life	155C,240Hrs		116	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Biased HAST	130C/85%RH,96 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		82	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -3 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-3 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
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:	ABL 8200TI/ ABL 8290	Mold Compound:	SUM G770HCD	
Bond Wire:	0.96 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test		Condition / Duration	Sample Size	
**High Temp Operating Life		140C,480 hrs	116	
**Biased HAST		130C/85%RH,96 Hrs	77	
Visual / Mechanical		Performed during Assembly MQ	per spec	
Physical Dimensions		per mechanical drawing	5	
Bond Pull		76 ball bonds, min. 3 units	76	
Bond Shear		76 ball bonds, min. 3 units	76	
Die Shear		-	10	
Manufacturability, Assembly		per mfg. Site specification	per spec	
X-ray		top side only	5	
Moisture Sensitivity		JEDEC Level -2 / 260C	12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS2231RGPR (Au-Wire)				
Die Protective Coating:	11.5KAN	Die Size (mm):	2.54 X 1.4	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGP/20	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	2.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp Operating Life	155C,240Hrs		77	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Solderability	Steam age, 8 hours		22	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/+150C, 500 Cyc		77	
Salt Atmosphere	24 Hrs		22	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS2231RGPR (Cu-Wire)				
Die Protective Coating:	11.5KAN	Die Size (mm):	2.54 X 1.4	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RGP/20	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	2.0 Mil Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**High Temp Operating Life	155C,240Hrs	77	77	-
**High Temp. Storage Bake	170C,420 Hrs	77	77	77
**Autoclave	121C,96Hrs	77	77	77
**T/C	-65/150C,500 Cyc	87	87	87
Visual / Mechanical	Performed during Assembly MQ	per spec	per spec	per spec
Solderability	Steam age, 8 hours	22	22	22
Physical Dimensions	per mechanical drawing	5	5	5
Bond Pull	76 ball bonds, min. 3 units	76	76	76
Bond Shear	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
Manufacturability, Assembly	per mfg. Site specification	per spec	per spec	per spec
**Thermal Shock	-65/150C,500 Cyc	77	77	77
Salt Atmosphere	24 Hrs	22	22	22
X-ray	top side only	5	5	5
Moisture Sensitivity	JEDEC Level -2 / 260C	12	-	-
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS61020DRC (Au-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	1.52 X 1.98	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC/10	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	0.95 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test		Condition / Duration		Sample Size
**High Temp. Storage Bake		170C,420 Hrs		77
**Autoclave		121C,96Hrs		77
**T/C		-65/150C,500 Cyc		87
Visual / Mechanical		Performed during Assembly MQ		per spec
Physical Dimensions		per mechanical drawing		5
Bond Pull		76 ball bonds, min. 3 units		76
Bond Shear		76 ball bonds, min. 3 units		76
Die Shear		-		10
Manufacturability, Assembly		per mfg. Site specification		per spec
**Thermal Shock		-65/150C,500 Cyc		77
X-ray		top side only		5
Moisture Sensitivity		JEDEC Level -2 / 260C		12
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS61020DRC (Cu-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	1.52 X 1.98	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/ DRC/10	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	0.95 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration	Sample Size		
		Lot#1	Lot#2	Lot#3
**High Temp. Storage Bake	170C,420 Hrs	77	77	77
**Autoclave	121C,96Hrs	77	77	77
**T/C	-65/150C,500 Cyc	87	87	87
Visual / Mechanical	Performed during Assembly MQ	per spec	per spec	per spec
Physical Dimensions	per mechanical drawing	5	5	5
Bond Pull	76 ball bonds, min. 3 units	76	76	76
Bond Shear	76 ball bonds, min. 3 units	76	76	76
Die Shear	-	10	10	10
Manufacturability, Assembly	per mfg. Site specification	per spec	per spec	per spec
**Thermal Shock	-65/150C,500 Cyc	77	77	77
X-ray	top side only	5	5	5
Moisture Sensitivity	JEDEC Level -2 / 260C	12	-	-
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信賴性試驗計畫				
信賴性試驗期間	開始	2009 年 6 月	終了	2009 年 9 月
信賴性試驗 – 試料構成詳細				
Qual Device: TPS62402DRCR (Au-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	1.63 X 3.24	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC//10	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	1.3 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信賴性試驗計畫				
Reliability Test	Condition / Duration		Sample Size	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/150C,500 Cyc		77	
Salt Atmosphere	24 Hrs		22	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS62402DRCR (Cu-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	1.63 X 3.24	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/DRC//10	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	1.3 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/150C,500 Cyc		77	
Salt Atmosphere	24 Hrs		22	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS650240RHBR (Au-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	3.1 X 3.12	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RHB/32	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	1.3 MIL Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/150C,500 Cyc		77	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				

信頼性試験計画				
信頼性試験期間	開始	2009 年 6 月	終了	2009 年 9 月
信頼性試験 - 試料構成詳細				
Qual Device: TPS650240RHBR (Cu-Wire)				
Die Protective Coating:	10.5KAN	Die Size (mm):	3.1 X 3.12	
Assembly Site:	TI Clark	Package/Code/Pins:	QFN/RHB/32	
Mount Compound:	ABL 8200TI	Mold Compound:	SUM G770HCD	
Bond Wire:	1.3 MIL Dia., Cu	Leadframe (Finish, Base):	NiPdAu, Cu	
信頼性試験計画				
Reliability Test	Condition / Duration		Sample Size	
**High Temp. Storage Bake	170C,420 Hrs		77	
**Autoclave	121C,96Hrs		77	
**T/C	-65/150C,500 Cyc		87	
Visual / Mechanical	Performed during Assembly MQ		per spec	
Physical Dimensions	per mechanical drawing		5	
Bond Pull	76 ball bonds, min. 3 units		76	
Bond Shear	76 ball bonds, min. 3 units		76	
Die Shear	-		10	
Manufacturability, Assembly	per mfg. Site specification		per spec	
**Thermal Shock	-65/150C,500 Cyc		77	
X-ray	top side only		5	
Moisture Sensitivity	JEDEC Level -2 / 260C		12	
Note: ** Moisture Preconditioning required, JEDEC L-2 /260C				