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西新宿三井ビルディング

報告書番号：PCN#20100408002
2010 年 4 月 20 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)

HPA/PWR MSOP (DGK/DGN/DGQ/DGS) パッケージ 一部製品 組立サイト追加のご案内

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	HPA/PWR MSOP (DGK/DGN/DGQ/DGS) パッケージ 一部製品 組立サイト追加 現行 :Lingsen 社(台湾), CARSEM-M 社(CAR, マレーシア), UTAC2 社(NS2, タイ) 変更後:Lingsen 社(台湾), CARSEM-M 社(CAR, マレーシア), UTAC2 社(NS2, タイ) ASE 社(上海, 中国)			
対象製品	対象製品リスト参照			
変更時期	7 月下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：弊社 HPA (ハイパフォーマンシアナログ)/PWR (パワーマネジメント) MSOP (DGK/DGN/DGQ/DGS) パッケージ 一部製品の組立サイトについて、現行 Lingsen社 (台湾), CARSEM-M社 (CAR, マレーシア), UTAC2社 (NS2, タイ) にて製造しておりますが、供給能力確保の為に、これに加えて、ASE社 (上海, 中国) サイトを追加し認定しました。部材の変更については下記を参照下さい。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	現行	変更後
組立サイト	Lingsen社 (台湾) CARSEM-M社 (CAR, マレーシア) UTAC2社 (NS2, タイ)	Lingsen社 (台湾) CARSEM-M社 (CAR, マレーシア) UTAC2社 (NS2, タイ) ASE社 (上海, 中国)

パッケージ (ピン/コード)	組立サイト	現行			追加認定
		Lingsen	CARSEM-M	UTAC2	ASE 上海
8/DGK	モールド樹脂 (部材番号)	0011G60013	437833	GZ0094	1800340192
	チップ接着剤 (部材番号)	0003C10332	434165	PZ0013	1400030111
	ボンディングワイヤ (径/部材)	1.0 mil, Au	1.0 mil, Au	1.0 mil, Au 1.3 mil, Au	1.0 mil, Au 1.3 mil, Au
	リードフレーム (表面処理/部材)	NiPdAu, Cu	NiPdAu, Cu	NiPdAu, Cu	NiPdAuAg, Cu
8/DGN	モールド樹脂 (部材番号)	0011G60013	-	-	1800340192
	チップ接着剤 (部材番号)	0003C10332	-	-	1400030111
	ボンディングワイヤ (径/部材)	1.0 mil, Au	-	-	1.0 mil, Au
	リードフレーム (表面処理/部材)	NiPdAu, Cu	NiPdAu, Cu	NiPdAu, Cu	NiPdAuAg, Cu
10/DGQ	モールド樹脂 (部材番号)	0011G60013	-	-	1800340192
	チップ接着剤 (部材番号)	0003C10332	-	-	1400030111
	ボンディングワイヤ (径/部材)	1.0 mil, Au 1.3 mil, Au	-	-	1.0 mil, Au 1.3 mil, Au
	リードフレーム (表面処理/部材)	NiPdAu, Cu	NiPdAu, Cu	NiPdAu, Cu	NiPdAuAg, Cu
10/DGS	モールド樹脂 (部材番号)	0011G60013	437833	GZ0094	1800340192
	チップ接着剤 (部材番号)	0003C10332	434165	PZ0013	1400030111
	ボンディングワイヤ (径/部材)	1.0 mil, Au	1.0 mil, Au	1.0 mil, Au	1.0 mil, Au
	リードフレーム (表面処理/部材)	NiPdAu, Cu	NiPdAu, Cu	NiPdAu, Cu	NiPdAuAg, Cu

理由：供給能力確保の為

対象製品リスト

対象製品名 現行組立サイト: CARSEM-M				
ADS1112IDGSR	ADS8325IDGKT	INA332AIDGKR	OPA2703EA/250	TPS60241DGKT
ADS1112IDGSRG4	ADS8325IDGKTG4	INA332AIDGKRG4	OPA2703EA/250G4	TPS60241DGKTG4
ADS1112IDGST	ADS8325IDGKR	INA332AIDGKT	OPA2703EA/2K5	TPS60242DGKR
ADS1112IDGSTG4	ADS8325IDGKRG4	INA332AIDGKTG4	OPA2703EA/2K5G4	TPS60242DGKRG4
ADS1244IDGSR	ADS8325IDGKT	INA337AIDGKR	OPA2704EA/250	TPS60242DGKT
ADS1244IDGSRG4	ADS8325IDGKTG4	INA337AIDGKRG4	OPA2704EA/250G4	TPS60242DGKTG4
ADS1244IDGST	BQ2057CDGK	INA337AIDGKT	OPA2705EA/250	TPS60243DGKR
ADS1244IDGSTG4	BQ2057CDGKG4	INA337AIDGKTG4	OPA2705EA/250G4	TPS60243DGKRG4
ADS1245IDGSR	BQ2057CDGKR	INA338AIDGSR	OPA2725AIDGKR	TPS60243DGKT
ADS1245IDGSRG4	BQ2057CDGKRG4	INA338AIDGSRG4	OPA2725AIDGKRG4	TPS60243DGKTG4
ADS1245IDGST	BQ2057DGK	INA338AIDGST	OPA2725AIDGKT	TPS92001DGK
ADS1245IDGSTG4	BQ2057DGKG4	INA338AIDGSTG4	OPA2725AIDGKTG4	TPS92001DGKR
ADS7816E/250	BQ2057DGKR	OPA2300AIDGSR	OPA2726AIDGSR	TPS92002DGK
ADS7816E/250G4	BQ2057DGKRG4	OPA2300AIDGSRG4	OPA2726AIDGSRG4	TPS92002DGKR
ADS7816E/2K5	BQ2057PDGK	OPA2300AIDGST	OPA2726AIDGST	UCC25705DGK
ADS7816E/2K5G4	BQ2057PDGKG4	OPA2300AIDGSTG4	OPA2726AIDGSTG4	UCC25705DGKG4
ADS7816EB/250	BUF04701AIDGSR	OPA2301AIDGKR	OPA2734AIDGSR	UCC25705DGKTR
ADS7816EB/250G4	BUF04701AIDGSRG4	OPA2301AIDGKRG4	OPA2734AIDGSRG4	UCC25705DGKTRG4
ADS7816EB/2K5	DAC5574IDGS	OPA2301AIDGKT	OPA2734AIDGST	UCC25706DGK
ADS7816EB/2K5G4	DAC5574IDGSG4	OPA2301AIDGKTG4	OPA2734AIDGSTG4	UCC25706DGKG4

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ADS7816EC/250	DAC5574IDGSR	OPA2334AIDGSR	OPA2735AIDGKR	UCC2809P-1
ADS7816EC/250G4	DAC5574IDGSRG4	OPA2334AIDGSRG4	OPA2735AIDGKRG4	UCC2809P-1G4
ADS7816EC/2K5	DAC6574IDGS	OPA2334AIDGST	OPA2735AIDGKT	UCC2809P-2
ADS7816EC/2K5G4	DAC6574IDGSG4	OPA2334AIDGSTG4	OPA2735AIDGKTG4	UCC2809P-2G4
ADS7817E/250	DAC6574IDGSR	OPA2335AIDGKR	OPA2743EA/250	UCC2809PTR-1
ADS7817E/250G4	DAC6574IDGSRG4	OPA2335AIDGKRG4	OPA2743EA/250G4	UCC2809PTR-1G4
ADS7817E/2K5	DAC7512E/250	OPA2335AIDGKT	OPA2743EA/2K5	UCC2809PTR-2
ADS7817E/2K5G4	DAC7512E/250G4	OPA2335AIDGKTG4	OPA2743EA/2K5G4	UCC2809PTR-2G4
ADS7817EB/250	DAC7512E/2K5	OPA2336E/250	OPA2822E/250	UCC28C40DGK
ADS7817EB/250G4	DAC7512E/2K5G4	OPA2336E/250G4	OPA2822E/250G4	UCC28C40DGKG4
ADS7817EC/250	DAC7513E/250	OPA2336E/2K5	OPA2822E/2K5	UCC28C40DGKR
ADS7817EC/250G4	DAC7513E/250G4	OPA2336E/2K5G4	OPA2822E/2K5G4	UCC28C40DGKRG4
ADS7817EC/2K5	DAC7513E/2K5	OPA2336EA/250	OPA337EA/250	UCC28C41DGK
ADS7817EC/2K5G4	DAC7513E/2K5G4	OPA2336EA/250G4	OPA337EA/250G4	UCC28C41DGKG4
ADS7818E/250	DAC7574IDGS	OPA2336EA/2K5	OPA337EA/2K5	UCC28C41DGKR
ADS7818E/250G4	DAC7574IDGSG4	OPA2336EA/2K5G4	OPA337EA/2K5G4	UCC28C41DGKRG4
ADS7818E/2K5	DAC7574IDGSR	OPA2340EA/250	OPA350EA/250	UCC28C42DGK
ADS7818E/2K5G4	DAC7574IDGSRG4	OPA2340EA/250G4	OPA350EA/250G4	UCC28C42DGKG4
ADS7818EB/250	DAC7811IDGS	OPA2340EA/2K5	OPA350EA/2K5	UCC28C42DGKR
ADS7818EB/250G4	DAC7811IDGSG4	OPA2340EA/2K5G4	OPA350EA/2K5G4	UCC28C42DGKRG4
ADS7818EB/2K5	DAC7811IDGSR	OPA2341DGSA/250	OPA380AIDGKR	UCC28C43DGK
ADS7818EB/2K5G4	DAC7811IDGSRG4	OPA2341DGSA/250G4	OPA380AIDGKRG4	UCC28C43DGKG4
ADS7822E/250	DAC7811IDGST	OPA2342EA/250	OPA380AIDGKT	UCC28C43DGKR
ADS7822E/250G4	DAC7811IDGSTG4	OPA2342EA/250G4	OPA380AIDGKTG4	UCC28C43DGKRG4
ADS7822E/2K5	DAC8501E/250	OPA2342EA/2K5	OPA381AIDGKR	UCC28C44DGK
ADS7822E/2K5G4	DAC8501E/250G4	OPA2342EA/2K5G4	OPA381AIDGKRG4	UCC28C44DGKG4
ADS7822EB/250	DAC8501E/2K5	OPA2343EA/250	OPA381AIDGKT	UCC28C44DGKR
ADS7822EB/250G4	DAC8501E/2K5G4	OPA2343EA/250G4	OPA381AIDGKTG4	UCC28C44DGKRG4
ADS7822EB/2K5	DAC8531E/250	OPA2343EA/2K5	OPA726AIDGKR	UCC28C45DGK
ADS7822EB/2K5G4	DAC8531E/250G4	OPA2343EA/2K5G4	OPA726AIDGKRG4	UCC28C45DGKG4
ADS7822EB-1/2K5	DAC8531E/2K5	OPA2344EA/250	OPA726AIDGKT	UCC28C45DGKR
ADS7822EB-1/2K5G4	DAC8531E/2K5G4	OPA2344EA/250G4	OPA726AIDGKTG4	UCC28C45DGKRG4
ADS7822EC/250	DAC8532IDGK	OPA2344EA/2K5	OPA728AIDGKT	UCC29002DGK
ADS7822EC/250G4	DAC8532IDGKG4	OPA2344EA/2K5G4	OPA728AIDGKTG4	UCC29002DGKG4
ADS7822EC/2K5	DAC8532IDGKR	OPA2345EA/250	REG113EA-2. 5/250	UCC29002DGKR
ADS7822EC/2K5G4	DAC8532IDGKRG4	OPA2345EA/250G4	REG113EA-2. 5/250G4	UCC29002DGKRG4
ADS7823E/250	DAC8571IDGK	OPA2350EA/250	REG113EA-2. 5/2K5	UCC35705DGK
ADS7823E/250G4	DAC8571IDGKG4	OPA2350EA/250G4	REG113EA-2. 5/2K5G4	UCC35705DGKG4
ADS7823E/2K5	DAC8571IDGKR	OPA2350EA/2K5	REG113EA-2. 85/2K5	UCC35705DGKTR
ADS7823E/2K5G4	DAC8571IDGKRG4	OPA2350EA/2K5G4	REG113EA2852K5G4	UCC35705DGKTRG4
ADS7823EB/250	HPA00069AIDGKR	OPA2353EA/250	REG113EA-3. 3/250	UCC35706DGK
ADS7823EB/250G4	HPA00196E/2K5	OPA2353EA/250G4	REG113EA-3. 3/2K5	UCC35706DGKG4
ADS7823EB/2K5	INA155E/250	OPA2353EA/2K5	REG113EA-3/250	UCC3809P-1
ADS7823EB/2K5G4	INA155E/250G4	OPA2353EA/2K5G4	REG113EA-3/250G4	UCC3809P-1G4
ADS7834E/250	INA155E/2K5	OPA2354AIDGKR	REG113EA-3/2K5	UCC3809P-2
ADS7834E/250G4	INA155E/2K5G4	OPA2354AIDGKRG4	REG113EA-3/2K5G4	UCC3809P-2G4
ADS7834E/2K5	INA155EA/250	OPA2354AIDGKT	REG113EA33250G4	UCC3809PTR-1
ADS7834E/2K5G4	INA155EA/250G4	OPA2354AIDGKTG4	REG113EA332K5G4	UCC3809PTR-1G4
ADS7834EB/250	INA155EA/2K5	OPA2355DGSA/250	REG113EA-5/250	UCC3809PTR-2
ADS7834EB/250G4	INA155EA/2K5G4	OPA2355DGSA/250G4	REG113EA-5/250G4	UCC3809PTR-2G4
ADS7834EB/2K5	INA156EA/250	OPA2356AIDGKR	REG113EA-5/2K5	UCC38C40DGK
ADS7834EB/2K5G4	INA156EA/250G4	OPA2356AIDGKRG4	REG113EA-5/2K5G4	UCC38C40DGKG4
ADS7835E/250	INA156EA/2K5	OPA2356AIDGKT	REG711EA-2. 5/250	UCC38C40DGKR
ADS7835E/250G4	INA156EA/2K5G4	OPA2356AIDGKTG4	REG711EA-2. 5/250G4	UCC38C40DGKRG4
ADS7835E/2K5	INA321E/250	OPA2357AIDGSR	REG711EA-2. 5/2K5	UCC38C41DGK
ADS7835E/2K5G4	INA321E/250G4	OPA2357AIDGSRG4	REG711EA-2. 5/2K5G4	UCC38C41DGKG4
ADS7835EB/250	INA321E/2K5	OPA2357AIDGST	REG711EA-2. 7/2K5	UCC38C41DGKR
ADS7835EB/250G4	INA321E/2K5G4	OPA2357AIDGSTG4	REG711EA-2. 7/2K5G4	UCC38C41DGKRG4
ADS7835EB/2K5	INA321EA/250	OPA2363AIDGSR	REG711EA-3. 3/250	UCC38C42DGK
ADS7835EB/2K5G4	INA321EA/250G4	OPA2363AIDGSRG4	REG711EA-3. 3/250G4	UCC38C42DGKG4
ADS8320E/250	INA321EA/2K5	OPA2363AIDGST	REG711EA-3/250	UCC38C42DGKR
ADS8320E/250G4	INA321EA/2K5G4	OPA2363AIDGSTG4	REG711EA-3/250G4	UCC38C42DGKRG4
ADS8320E/2K5	INA322EA/250	OPA2363IDGSR	REG711EA-3/2K5	UCC38C43DGK
ADS8320E/2K5G4	INA322EA/250G4	OPA2363IDGSRG4	REG711EA-3/2K5G4	UCC38C43DGKG4
ADS8320EB/250	INA322EA/2K5	OPA2363IDGST	REG711EA-5/250	UCC38C43DGKR
ADS8320EB/250G4	INA322EA/2K5G4	OPA2363IDGSTG4	REG711EA-5/250G4	UCC38C43DGKRG4

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ADS8320EB/2K5	INA326EA/250	OPA2364AIDGKR	REG711EA-5/2K5	UCC38C44DGK
ADS8320EB/2K5G4	INA326EA/250G4	OPA2364AIDGKRG4	REG711EA-5/2K5G4	UCC38C44DGKRG4
ADS8321E/250	INA326EA/2K5	OPA2364AIDGKT	TPS2390DGK	UCC38C44DGKR
ADS8321E/250G4	INA326EA/2K5G4	OPA2364AIDGKTG4	TPS2390DGKRG4	UCC38C44DGKR/1
ADS8321E/2K5	INA327EA/250	OPA2364IDGKR	TPS2390DGKR	UCC38C44DGKR/1G4
ADS8321E/2K5G4	INA327EA/250G4	OPA2364IDGKRG4	TPS2390DGKRG4	UCC38C44DGKRG4
ADS8321EB/250	INA327EA/2K5	OPA2364IDGKT	TPS2391DGK	UCC38C45DGK
ADS8321EB/250G4	INA327EA/2K5G4	OPA2364IDGKTG4	TPS2391DGKRG4	UCC38C45DGKRG4
ADS8321EB/2K5	INA330AIDGSR	OPA2373AIDGSR	TPS2391DGKR	UCC38C45DGKR
ADS8321EB/2K5G4	INA330AIDGSRG4	OPA2373AIDGSRG4	TPS2391DGKRG4	UCC38C45DGKRG4
ADS8324E/250	INA330AIDGST	OPA2373AIDGST	TPS2399DGK	UCC39002DGK
ADS8324E/250G4	INA330AIDGSTG4	OPA2373AIDGSTG4	TPS2399DGKRG4	UCC39002DGKRG4
ADS8324E/2K5	INA331AIDGKR	OPA2380AIDGKR	TPS2399DGKR	UCC39002DGKR
ADS8324E/2K5G4	INA331AIDGKRG4	OPA2380AIDGKRG4	TPS2399DGKRG4	UCC39002DGKRG4
ADS8324EB/250	INA331AIDGKT	OPA2380AIDGKT	TPS60240DGKR	UCC81527DGK
ADS8324EB/250G4	INA331AIDGKTG4	OPA2380AIDGKTG4	TPS60240DGKRG4	UCC81527DGKRG4
ADS8324EB/2K5	INA331IDGKR	OPA2381AIDGKR	TPS60240DGKT	
ADS8324EB/2K5G4	INA331IDGKRG4	OPA2381AIDGKRG4	TPS60240DGKTG4	
ADS8325IDGKR	INA331IDGKT	OPA2381AIDGKT	TPS60241DGKR	
ADS8325IDGKRG4	INA331IDGKTG4	OPA2381AIDGKTG4	TPS60241DGKRG4	

対象製品名 現行組立サイト:Lingsen				
HPA00244DGSR	TLV2542CDGKRG4	TPA2005D1DGNR	TPS62005DGSRG4	UCC27321DGNR
HPA00314DGSR	TLV2542CDGKR	TPA2005D1DGNRG4	TPS62006DGS	UCC27321DGNRG4
HPA00356DGQR	TLV2542CDGKRG4	TPS2398DGK	TPS62006DGSRG4	UCC27322DGN
HPA00570DGQR	TLV2542IDGK	TPS2398DGKRG4	TPS62006DGSR	UCC27322DGNRG4
THS4081CDGN	TLV2542IDGKRG4	TPS2398DGKR	TPS62006DGSRG4	UCC27322DGNR
THS4081CDGNG4	TLV2542IDGKR	TPS2398DGKRG4	TPS62008DGS	UCC27322DGNRG4
THS4081CDGNR	TLV2542IDGKRG4	TPS3307-33DGN	TPS62008DGSRG4	UCC27323DGN
THS4081CDGNRG4	TLV2545CDGK	TPS3307-33DGNRG4	TPS62008DGSR	UCC27323DGNRG4
THS4081IDGN	TLV2545CDGKRG4	TPS3307-33DGNR	TPS62008DGSRG4	UCC27323DGNR
THS4081IDGNG4	TLV2545IDGK	TPS3307-33DGNRG4	TPS62020DGO	UCC27323DGNRG4
THS4081IDGNR	TLV2545IDGKRG4	TPS51100DGO	TPS62020DGO	UCC27324DGN
THS4081IDGNRG4	TLV5606CDGK	TPS51100DGO	TPS62020DGO	UCC27324DGNRG4
TLC2551CDGK	TLV5606CDGKRG4	TPS51100DGO	TPS62020DGO	UCC27324DGNR
TLC2551CDGKRG4	TLV5606CDGKR	TPS51100DGO	TPS62021DGO	UCC27324DGNRG4
TLC2551CDGKR	TLV5606CDGKRG4	TPS61011DGS	TPS62021DGO	UCC27325DGN
TLC2551CDGKRG4	TLV5606IDGK	TPS61011DGS	TPS62026DGO	UCC27325DGNRG4
TLC2551IDGK	TLV5606IDGKRG4	TPS61013DGS	TPS62026DGO	UCC27325DGNR
TLC2551IDGKRG4	TLV5606IDGKR	TPS61013DGS	TPS62026DGO	UCC27325DGNRG4
TLC2552CDGK	TLV5606IDGKRG4	TPS61014DGS	TPS62026DGO	UCC27423DGN
TLC2552CDGKRG4	TLV5616CDGK	TPS61014DGS	TPS62040DGO	UCC27423DGNRG4
TLC2552IDGK	TLV5616CDGKRG4	TPS61014DGS	TPS62040DGO	UCC27423DGNR
TLC2552IDGKRG4	TLV5616IDGK	TPS61014DGS	TPS62040DGO	UCC27423DGNRG4
TLC2555IDGK	TLV5616IDGKRG4	TPS61015DGS	TPS62040DGO	UCC27424DGN
TLC2555IDGKRG4	TLV5616IDGKR	TPS61015DGS	TPS62042DGO	UCC27424DGNRG4
TLC3541IDGK	TLV5616IDGKRG4	TPS61015DGS	TPS62042DGO	UCC27424DGNR
TLC3541IDGKRG4	TLV5623CDGK	TPS61015DGS	TPS62042DGO	UCC27424DGNRG4
TLC3541IDGKR	TLV5623CDGKRG4	TPS61016DGS	TPS62042DGO	UCC27425DGN
TLC3541IDGKRG4	TLV5623CDGKR	TPS61016DGS	TPS62043DGO	UCC27425DGNRG4
TLC3545IDGK	TLV5623CDGKRG4	TPS61016DGS	TPS62043DGO	UCC27425DGNR
TLC3545IDGKRG4	TLV5623IDGK	TPS61016DGS	TPS62043DGO	UCC27425DGNRG4
TLC4541IDGK	TLV5623IDGKRG4	TPS62000DGS	TPS62043DGO	UCC37321DGN
TLC4541IDGKRG4	TLV5623IDGKR	TPS62000DGS	TPS62044DGO	UCC37321DGNRG4
TLC4541IDGKR	TLV5623IDGKRG4	TPS62001DGS	TPS62044DGO	UCC37321DGNR
TLC4541IDGKRG4	TLV5624CDGK	TPS62001DGS	TPS62044DGO	UCC37321DGNRG4
TLC4545IDGK	TLV5624CDGKRG4	TPS62001DGS	TPS62044DGO	UCC37322DGN
TLC4545IDGKRG4	TLV5624CDGKR	TPS62001DGS	TPS62046DGO	UCC37322DGNRG4
TLC5615CDGK	TLV5624CDGKRG4	TPS62002DGS	TPS62046DGO	UCC37322DGNR
TLC5615CDGKRG4	TLV5624IDGK	TPS62002DGS	TPS62046DGO	UCC37322DGNRG4
TLC5615CDGKR	TLV5624IDGKRG4	TPS62002DGS	TPS62046DGO	UCC37323DGN
TLC5615CDGKRG4	TLV5624IDGKR	TPS62002DGS	TPS62050DGS	UCC37323DGNRG4
TLC5615IDGK	TLV5624IDGKRG4	TPS62003DGS	TPS62050DGS	UCC37323DGNR
TLC5615IDGKRG4	TLV5636CDGK	TPS62003DGS	TPS62050DGS	UCC37323DGNRG4

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TLV2541CDGK	TLV5636CDGKG4	TPS62003DGSR	TPS62050DGSRG4	UCC37324DGN
TLV2541CDGKG4	TLV5636CDGKR	TPS62003DGSRG4	TPS65552ADGQ	UCC37324DGN4
TLV2541CDGKR	TLV5636CDGKRG4	TPS62004DGS	TPS65552ADGQG4	UCC37324DGNR
TLV2541CDGKRG4	TLV5636IDGK	TPS62004DGS4	TPS65552ADGQR	UCC37324DGNRG4
TLV2541IDGK	TLV5636IDGKG4	TPS62004DGSR	TPS65552ADGQRG4	UCC37325DGN
TLV2541IDGKG4	TLV5636IDGKR	TPS62004DGSRG4	TPS65552DGQR	UCC37325DGN4
TLV2541IDGKR	TLV5636IDGKRG4	TPS62005DGS	TPS65552DGQRG4	UCC37325DGNR
TLV2541IDGKRG4	TPA2005D1DGN	TPS62005DGS4	UCC27321DGN	UCC37325DGNRG4
TLV2542CDGK	TPA2005D1DGN4	TPS62005DGSR	UCC27321DGN4	

対象製品名 現行組立サイト:UTAC2				
ADS8317IBDGKR	ADS8408IDGSR	INA205AIDGST	OPA2890IDGSR	THS4521IDGKR
ADS8317IBDGKRG4	ADS8408IDGST	INA205AIDGSTG4	OPA2890IDGSRG4	THS4521IDGKT
ADS8317IBDGKT	HPA00466DGKR	INA206AIDGSR	OPA2890IDGST	TMP141AIDGKR
ADS8317IBDGKTG4	HPA00814IDGKR	INA206AIDGSRG4	OPA2890IDGSTG4	TMP141AIDGKRG4
ADS8317IDGKR	INA159AIDGKR	INA206AIDGST	OPA615IDGSR	TMP141AIDGKT
ADS8317IDGKRG4	INA159AIDGKRG4	INA206AIDGSTG4	OPA615IDGSRG4	TMP141AIDGKTG4
ADS8317IDGKT	INA159AIDGKT	INA207AIDGSR	OPA615IDGST	TPS61085DGKR
ADS8317IDGKTG4	INA159AIDGKTG4	INA207AIDGSRG4	OPA615IDGSTG4	TPS61085DGKRG4
ADS8318IBDGSR	INA200AIDGKR	INA207AIDGST	OPA695IDGKR	TPS61085DGKT
ADS8318IBDGSRG4	INA200AIDGKRG4	INA207AIDGSTG4	OPA695IDGKT	TPS61085DGKTG4
ADS8318IBDGST	INA200AIDGKT	INA208AIDGSR	OPA875IDGKR	VCA820IDGSR
ADS8318IBDGSTG4	INA200AIDGKTG4	INA208AIDGSRG4	OPA875IDGKRG4	VCA820IDGSRG4
ADS8318IDGSR	INA201AIDGKR	INA208AIDGST	OPA875IDGKT	VCA820IDGST
ADS8318IDGSRG4	INA201AIDGKRG4	INA208AIDGSTG4	OPA875IDGKTG4	VCA820IDGSTG4
ADS8318IDGST	INA201AIDGKT	OPA2683IDGSR	SN200609046DGSR	VCA821IDGSR
ADS8318IDGSTG4	INA201AIDGKTG4	OPA2683IDGSRG4	SN200609046DGSRG4	VCA821IDGSRG4
ADS8319IBDGSR	INA202AIDGKR	OPA2683IDGST	SN200612054DGSR	VCA821IDGST
ADS8319IBDGST	INA202AIDGKRG4	OPA2683IDGSTG4	SN200612054DGSRG4	VCA821IDGSTG4
ADS8319IDGSR	INA202AIDGKT	OPA2830IDGKR	SN65HVD3080EDGS	VCA822IDGSR
ADS8319IDGST	INA202AIDGKTG4	OPA2830IDGKRG4	SN65HVD3080EDGS4	VCA822IDGSRG4
ADS8326IBDGKR	INA203AIDGSR	OPA2830IDGKT	SN65HVD3080EDGSR	VCA822IDGST
ADS8326IBDGKRG4	INA203AIDGSRG4	OPA2830IDGKTG4	SN65HVD3080EDGSRG4	VCA822IDGSTG4
ADS8326IBDGKT	INA203AIDGST	OPA2832IDGKR	SN65HVD3083EDGS	VCA824IDGSR
ADS8326IBDGKTG4	INA203AIDGSTG4	OPA2832IDGKRG4	SN65HVD3083EDGS4	VCA824IDGSRG4
ADS8326IDGKR	INA204AIDGSR	OPA2832IDGKT	SN65HVD3083EDGSR	VCA824IDGST
ADS8326IDGKRG4	INA204AIDGSRG4	OPA2832IDGKTG4	SN65HVD3083EDGSRG4	VCA824IDGSTG4
ADS8326IDGKT	INA204AIDGST	OPA2889IDGSR	SN65HVD3086EDGS	
ADS8326IDGKTG4	INA204AIDGSTG4	OPA2889IDGSRG4	SN65HVD3086EDGS4	
ADS8408IBDGSR	INA205AIDGSR	OPA2889IDGST	SN65HVD3086EDGSR	
ADS8408IBDGST	INA205AIDGSRG4	OPA2889IDGSTG4	SN65HVD3086EDGSRG4	

製品表示

今回の変更に伴い、出荷ラベルに記載の原産地(ラベル箇所:22L)が下記のようになります。

	組立サイト	組立サイトコード(22L)
現行	Lingsen	ASO: LIN
	CARSEM-M	ASO: CAR
	UTAC2	ASO: NS2
追加認定	ASE-Shanghai	ASO: ASH



図1 出荷ラベルの例

また、製品捺印がグループ毎に下記の様になります。これらグループに記載していない対象製品は、組立サイトコードが捺印に記載がありませんので、捺印例は省略してあります。

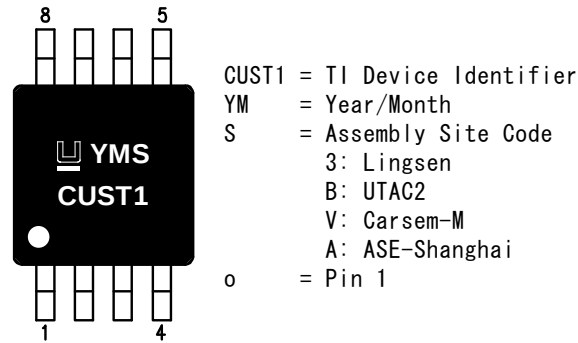


図2 Group1 製品捺印の例(DGN パッケージ)

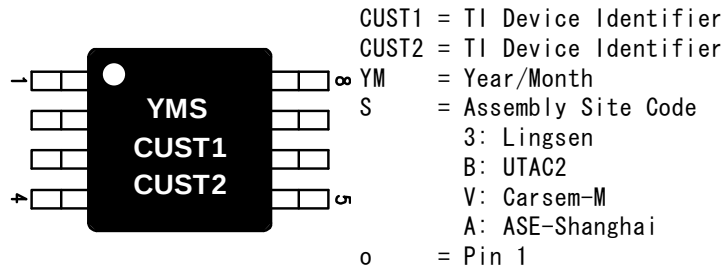


図3 Group2 製品捺印の例(DGN パッケージ)

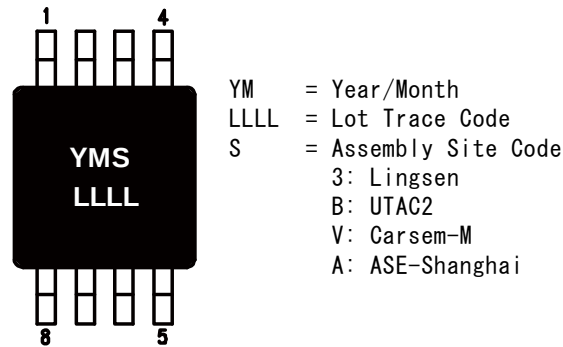


図4 Group3 製品捺印の例(裏面、DGN パッケージ)

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Group1 捺印対象製品			
UCC27424DGNR	UCC27424DGNRG4	UCC27425DGNR	UCC27425DGNRG4

Group2 捺印対象製品				
UCC27321DGN	UCC27323DGNR	UCC27423DGN	UCC37321DGNR	UCC37324DGN
UCC27321DGNRG4	UCC27323DGNRG4	UCC27423DGNRG4	UCC37321DGNRG4	UCC37324DGNRG4
UCC27321DGNR	UCC27324DGN	UCC27423DGNR	UCC37322DGN	UCC37324DGNR
UCC27321DGNRG4	UCC27324DGNRG4	UCC27423DGNRG4	UCC37322DGNRG4	UCC37324DGNRG4
UCC27322DGN	UCC27324DGNR	UCC27424DGN	UCC37322DGNR	UCC37325DGN
UCC27322DGNRG4	UCC27324DGNRG4	UCC27424DGNRG4	UCC37322DGNRG4	UCC37325DGNRG4
UCC27322DGNR	UCC27325DGN	UCC27425DGN	UCC37323DGN	UCC37325DGNR
UCC27322DGNRG4	UCC27325DGNRG4	UCC27425DGNRG4	UCC37323DGNRG4	UCC37325DGNRG4
UCC27323DGN	UCC27325DGNR	UCC37321DGN	UCC37323DGNR	
UCC27323DGNRG4	UCC27325DGNRG4	UCC37321DGNRG4	UCC37323DGNRG4	

Group3 捺印対象製品				
BQ2057CDGK	OPA28901DGST	TLV56061DGK	TPS61085DGKT	UCC28C44DGKR
BQ2057CDGKG4	OPA28901DGSTG4	TLV56061DGKG4	TPS61085DGKTG4	UCC28C44DGKRG4
BQ2057CDGKR	OPA6151DGSR	TLV56061DGKR	TPS62000DGS	UCC28C45DGK
BQ2057CDGKRG4	OPA6151DGSRG4	TLV56061DGKRG4	TPS62000DGSRG4	UCC28C45DGKRG4
BQ2057DGK	OPA6151DGST	TLV5616CDGK	TPS62001DGS	UCC28C45DGKR
BQ2057DGKG4	OPA6151DGSTG4	TLV5616CDGKG4	TPS62001DGSRG4	UCC28C45DGKRG4
BQ2057DGKR	OPA6951DGKR	TLV56161DGK	TPS62001DGSR	UCC29002DGK
BQ2057DGKRG4	OPA6951DGKT	TLV56161DGKG4	TPS62001DGSRG4	UCC29002DGKRG4
BQ2057PDGK	OPA8751DGKR	TLV56161DGKR	TPS62002DGS	UCC29002DGKR
BQ2057PDGKG4	OPA8751DGKRG4	TLV56161DGKRG4	TPS62002DGSRG4	UCC29002DGKRG4
HPA00244DGSR	OPA8751DGKT	TLV5623CDGK	TPS62002DGSR	UCC35705DGK
HPA00314DGSR	OPA8751DGKTG4	TLV5623CDGKG4	TPS62002DGSRG4	UCC35705DGKRG4
HPA00466DGKR	SN200609046DGSR	TLV5623CDGKR	TPS62003DGS	UCC35705DGKTR
HPA008141DGKR	SN200609046DGSRG4	TLV5623CDGKRG4	TPS62003DGSRG4	UCC35705DGKTRG4
INA159A1DGKR	SN200612054DGSR	TLV56231DGK	TPS62003DGSR	UCC35706DGK
INA159A1DGKRG4	SN200612054DGSRG4	TLV56231DGKG4	TPS62003DGSRG4	UCC35706DGKRG4
INA159A1DGKT	THS45211DGKR	TLV56231DGKR	TPS62004DGS	UCC3809P-1
INA159A1DGKTG4	THS45211DGKT	TLV56231DGKRG4	TPS62004DGSRG4	UCC3809P-1G4
INA200A1DGKR	TLC2551CDGK	TLV5624CDGK	TPS62004DGSR	UCC3809P-2
INA200A1DGKRG4	TLC2551CDGKG4	TLV5624CDGKG4	TPS62004DGSRG4	UCC3809P-2G4
INA200A1DGKT	TLC2551CDGKR	TLV5624CDGKR	TPS62005DGS	UCC3809PTR-1
INA200A1DGKTG4	TLC2551CDGKRG4	TLV5624CDGKRG4	TPS62005DGSRG4	UCC3809PTR-1G4
INA201A1DGKR	TLC25511DGK	TLV56241DGK	TPS62005DGSR	UCC3809PTR-2
INA201A1DGKRG4	TLC25511DGKG4	TLV56241DGKG4	TPS62005DGSRG4	UCC3809PTR-2G4
INA201A1DGKT	TLC2552CDGK	TLV56241DGKR	TPS62006DGS	UCC38C40DGK
INA201A1DGKTG4	TLC2552CDGKG4	TLV56241DGKRG4	TPS62006DGSRG4	UCC38C40DGKRG4
INA202A1DGKR	TLC25521DGK	TLV5636CDGK	TPS62006DGSR	UCC38C40DGKR
INA202A1DGKRG4	TLC25521DGKG4	TLV5636CDGKG4	TPS62006DGSRG4	UCC38C40DGKRG4
INA202A1DGKT	TLC25551DGK	TLV5636CDGKR	TPS62008DGS	UCC38C41DGK
INA202A1DGKTG4	TLC25551DGKG4	TLV5636CDGKRG4	TPS62008DGSRG4	UCC38C41DGKRG4
INA203A1DGSR	TLC35411DGK	TLV56361DGK	TPS62008DGSR	UCC38C41DGKR
INA203A1DGSRG4	TLC35411DGKG4	TLV56361DGKG4	TPS62008DGSRG4	UCC38C41DGKRG4
INA203A1DGST	TLC35411DGKR	TLV56361DGKR	TPS62050DGS	UCC38C42DGK
INA203A1DGSTG4	TLC35411DGKRG4	TLV56361DGKRG4	TPS62050DGSRG4	UCC38C42DGKRG4
INA204A1DGSR	TLC35451DGK	TMP141A1DGKR	TPS62050DGSR	UCC38C42DGKR
INA204A1DGSRG4	TLC35451DGKG4	TMP141A1DGKRG4	TPS62050DGSRG4	UCC38C42DGKRG4
INA204A1DGST	TLC45411DGK	TMP141A1DGKT	TPS92001DGK	UCC38C43DGK
INA204A1DGSTG4	TLC45411DGKG4	TMP141A1DGKTG4	TPS92001DGKR	UCC38C43DGKRG4
INA205A1DGSR	TLC45411DGKR	TPS2390DGK	TPS92002DGK	UCC38C43DGKR
INA205A1DGSRG4	TLC45411DGKRG4	TPS2390DGKRG4	TPS92002DGKR	UCC38C43DGKRG4
INA205A1DGST	TLC45451DGK	TPS2390DGKR	UCC25705DGK	UCC38C44DGK
INA205A1DGSTG4	TLC45451DGKG4	TPS2390DGKRG4	UCC25705DGKRG4	UCC38C44DGKRG4
INA206A1DGSR	TLC5615CDGK	TPS2391DGK	UCC25705DGKTR	UCC38C44DGKR
INA206A1DGSRG4	TLC5615CDGKG4	TPS2391DGKG4	UCC25705DGKTRG4	UCC38C44DGKR/1
INA206A1DGST	TLC5615CDGKR	TPS2391DGKR	UCC25706DGK	UCC38C44DGKR/1G4
INA206A1DGSTG4	TLC5615CDGKRG4	TPS2391DGKRG4	UCC25706DGKRG4	UCC38C44DGKRG4
INA207A1DGSR	TLC56151DGK	TPS2398DGK	UCC2809P-1	UCC38C45DGK

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INA207A1DGSRG4	TLC56151DGKG4	TPS2398DGKG4	UCC2809P-1G4	UCC38C45DGKG4
INA207A1DGST	TLV2541CDGK	TPS2398DGKR	UCC2809P-2	UCC38C45DGKR
INA207A1DGSTG4	TLV2541CDGKG4	TPS2398DGKRG4	UCC2809P-2G4	UCC38C45DGKRG4
INA208A1DGSR	TLV2541CDGKR	TPS2399DGK	UCC2809PTR-1	UCC39002DGK
INA208A1DGSRG4	TLV2541CDGKRG4	TPS2399DGKG4	UCC2809PTR-1G4	UCC39002DGKG4
INA208A1DGST	TLV25411DGK	TPS2399DGKR	UCC2809PTR-2	UCC39002DGKR
INA208A1DGSTG4	TLV25411DGKG4	TPS2399DGKRG4	UCC2809PTR-2G4	UCC39002DGKRG4
OPA26831DGSR	TLV25411DGKR	TPS61011DGS	UCC28C40DGK	UCC81527DGK
OPA26831DGSRG4	TLV25411DGKRG4	TPS61011DGS4	UCC28C40DGKG4	UCC81527DGKG4
OPA26831DGST	TLV2542CDGK	TPS61013DGS	UCC28C40DGKR	VCA8201DGSR
OPA26831DGSTG4	TLV2542CDGKG4	TPS61013DGS4	UCC28C40DGKRG4	VCA8201DGSRG4
OPA28301DGKR	TLV2542CDGKR	TPS61014DGS	UCC28C41DGK	VCA8201DGST
OPA28301DGKRG4	TLV2542CDGKRG4	TPS61014DGS4	UCC28C41DGKG4	VCA8201DGSTG4
OPA28301DGKT	TLV25421DGK	TPS61014DGSR	UCC28C41DGKR	VCA8211DGSR
OPA28301DGKTG4	TLV25421DGKG4	TPS61014DGSRG4	UCC28C41DGKRG4	VCA8211DGSRG4
OPA28321DGKR	TLV25421DGKR	TPS61015DGS	UCC28C42DGK	VCA8211DGST
OPA28321DGKRG4	TLV25421DGKRG4	TPS61015DGS4	UCC28C42DGKG4	VCA8211DGSTG4
OPA28321DGKT	TLV2545CDGK	TPS61015DGSR	UCC28C42DGKR	VCA8221DGSR
OPA28321DGKTG4	TLV2545CDGKG4	TPS61015DGSRG4	UCC28C42DGKRG4	VCA8221DGSRG4
OPA28891DGSR	TLV25451DGK	TPS61016DGS	UCC28C43DGK	VCA8221DGST
OPA28891DGSRG4	TLV25451DGKG4	TPS61016DGS4	UCC28C43DGKG4	VCA8221DGSTG4
OPA28891DGST	TLV5606CDGK	TPS61016DGSR	UCC28C43DGKR	VCA8241DGSR
OPA28891DGSTG4	TLV5606CDGKG4	TPS61016DGSRG4	UCC28C43DGKRG4	VCA8241DGSRG4
OPA28901DGSR	TLV5606CDGKR	TPS61085DGKR	UCC28C44DGK	VCA8241DGST
OPA28901DGSRG4	TLV5606CDGKRG4	TPS61085DGKRG4	UCC28C44DGKG4	VCA8241DGSTG4

信頼性試験

信頼性試験結果

信賴性試驗結果				
信賴性試驗期間	開始	—	終了	2010 年 4 月 8 日
信賴性試驗 — 試料構成詳細				
Qual Device:	PGA308AIDGS	Die Size (mm):	1.8 x 2.11	
Assembly Site:	ASE (Shanghai)	Package/Code/Pins:	MSOP/DGS/10	
Mount Compound:	1400030111	Mold Compound:	1800340192	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu-Ag, Cu	
MSL:	JEDEC L- 1/260C	-	-	
信賴性試驗結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot #1	Lot #2	Lot #3
**Life Test	150C, 300 Hrs	77/0	77/0	77/0
**High Temp. Storage Bake	170C, 420 Hrs	77/0	77/0	77/0
**Biased HAST	130C/85%RH, 96 Hrs	77/0	77/0	77/0
**Autoclave	121C, 96 Hrs	77/0	77/0	77/0
**T/C	-65C/150C, 500 Cyc	77/0	77/0	77/0
Backgrind Characterizaton	-	Approved	-	-
Visual / Mechanical	-	Approved	Approved	Approved
Solderability	Steam age, 8 hours	22/0	22/0	22/0
Lead Fatigue	-	22/0	22/0	22/0
Lead Pull	To destruction	22/0	22/0	22/0
Lead Finish Adhesion	-	15/0	15/0	15/0
Physical Dimensions	per mechanical drawing	5/0	5/0	5/0
Flammability	Method A - UL94-0	5/0	5/0	5/0
Flammability	Method B - IEC 695-2-2	5/0	5/0	5/0
Flammability	Method C - UL 1694	5/0	5/0	5/0
Ball Bond Shear	Wires	80/0	80/0	80/0
Bond Pull	Wires	80/0	80/0	80/0
Die Shear	-	15/0	15/0	15/0
Manufacturability(Assembly)	per mfg. Site specification	Approved	Approved	Approved
**Thermal Shock	-65C/150C, 500 Cyc	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 L-1 /260C	12/0	12/0	12/0
Note: ** Preconditioning sequence, JEDEC L-1 /260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2010 年 4 月 8 日
信頼性試験 - 試料構成詳細				
Qual Device:	THS4304DGK	Die Size (mm):	1.09 X 1.04	
Assembly Site:	ASE (Shanghai)	Package/Code/Pins:	MSOP/DGK/8	
Mount Compound:	1400030111	Mold Compound:	1800340192	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu-Ag, Cu	
MSL:	JEDEC L- 1/260C	-		
信頼性試験結果				
Reliability Test	Condition / Duration	Sample Size/ Fails		
		Lot #1	Lot #2	Lot #3
**Life Test	155C, 240 Hrs	77/0	77/0	77/0
**High Temp. Storage Bake	170C, 420 Hrs	77/0	77/0	77/0
**Biased HAST	130C/85%RH, 96 Hrs	77/0	77/0	77/0
**Autoclave	121C, 96 Hrs	77/0	77/0	77/0
**T/C	-65C/150C, 500 Cyc	82/0	82/0	82/0
Backgrind Characterization	-	Approved	-	-
Visual / Mechanical	-	Approved	Approved	Approved
Surface Mount Solderability	Steam age, 8 hours	22/0	22/0	22/0
Surface Mount Solderability	PB-Free solder	22/0	22/0	22/0
Lead Fatigue	-	22/0	22/0	22/0
Lead Pull	To destruction	22/0	22/0	22/0
Lead Finish Adhesion	-	15/0	15/0	15/0
Physical Dimensions	per mechanical drawing	20/0	-	-
Ball Bond Shear	Wires	80/0	80/0	80/0
Bond Pull	Wires	80/0	80/0	80/0
Die Shear	-	15/0	15/0	15/0
Manufacturability (Assembly)	per mfg. Site specification	Approved	Approved	Approved
**Thermal Shock	-65C/150C, 500 Cyc	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 L-1 /260C	12/0	12/0	12/0
Note: ** Preconditioning sequence, JEDEC L-1 /260C				

信頼性試験結果				
信頼性試験期間	開始	—	終了	2010 年 4 月 8 日
信頼性試験 - 試料構成詳細				
Qual Device:	TLV2545IDGK	Die Protective Coating:	Nitride	
Assembly Site:	ASE (Shanghai)	Package/Code/Pins:	MSOP/DGK/8	
Mount Compound:	1400030111	Mold Compound:	1800340192	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC L- 1/260C	-	-	
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, 420 Hrs	76/0	77/0	84/0
**Autoclave	121C, 96 Hrs	76/0	77/0	84/0
**T/C	-65C/150C, 500 Cyc	82/0	82/0	89/0
Backgrind Characterizat	-	Approved	-	-
Visual / Mechanical	-	Approved	Approved	Approved
Surface Mount Solderability	Steam age, 8 hours	22/0	22/0	22/0
Surface Mount Solderability	PB-Free solder	22/0	22/0	22/0
Lead Fatigue	-	22/0	22/0	22/0
Lead Pull	To destruction	22/0	22/0	22/0
Lead Finish Adhesion	-	15/0	15/0	15/0
Ball Bond Shear	Wires	80/0	80/0	80/0
Bond Pull	Wires	80/0	80/0	80/0
Die Shear	-	15/0	15/0	15/0
Manufacturability(Assembly)	per mfg. Site specification	Approved	Approved	Approved
**Thermal Shock	-65C/150C, 500 Cyc	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 L-1 /260C	12/0	12/0	12/0
Note: ** Preconditioning sequence, JEDEC L-1 /260C				

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信頼性試験結果				
信頼性試験期間	開始	—	終了	2010 年 4 月 8 日
信頼性試験 - 試料構成詳細				
Qual Device:	TPS62040DGQ	Die Size (mm):	1.52 X 1.57	
Assembly Site:	ASE (Shanghai)	Package/Code/Pins:	MSOP/DGQ/10	
Mount Compound:	1400030111	Mold Compound:	1800340192	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC L- 1/260C	-	-	
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, 420 Hrs	76/0	77/0	73/0
**Biased HAST	130C/85%RH, 96 Hrs	77/0	70/0	77/0
**Autoclave	121C, 96 Hrs	77/0	77/0	77/0
**T/C	-65C/150C, 500 Cyc	78/0	81/0	80/0
Visual / Mechanical	-	Approved	Approved	Approved
Surface Mount Solderability	Steam age, 8 hours	22/0	22/0	22/0
Surface Mount Solderability	PB-Free solder	22/0	22/0	22/0
Lead Fatigue	-	22/0	22/0	22/0
Lead Pull	To destruction	22/0	22/0	22/0
Lead Finish Adhesion	-	15/0	15/0	15/0
Physical Dimensions	per mechanical drawing	20/0	-	-
Flammability	Method A - UL94-0	5/0	5/0	5/0
Flammability	Method B - IEC 695-2-2	5/0	5/0	5/0
Flammability	Method C - UL 1694	5/0	5/0	5/0
Ball Bond Shear	Wires	80/0	76/0	76/0
Bond Pull	Wires	80/0	76/0	76/0
Die Shear	-	15/0	15/0	15/0
Manufacturability (Assembly)	per mfg. Site specification	Approved	Approved	Approved
**Thermal Shock	-65C/150C, 500 Cyc	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	-
Moisture Sensitivity	JEDEC L-1 /260C	11/0	12/0	9/0
Note: ** Preconditioning sequence, JEDEC L-1 /260C				

信賴性試驗結果				
信賴性試驗期間	開始	—	終了	2010 年 4 月 8 日
信賴性試驗 — 試料構成詳細				
Qual Device:	VCA822IDGS	Die Size (mm):	0.99 X 1.55	
Assembly Site:	ASE (Shanghai)	Package/Code/Pins:	MSOP/DGS/10	
Mount Compound:	1400030111	Mold Compound:	1800340192	
Bond Wire:	1.0 Mil Dia., Au	Leadframe (Finish, Base):	NiPdAu, Cu	
MSL:	JEDEC L- 2/260C	-	-	
信賴性試驗結果				
Reliability Test	Condition / Duration		Sample Size/ Fails	
**High Temp. Storage Bake	170C, 420 Hrs		77/0	
**Autoclave	121C, 96 Hrs		77/0	
**T/C	-65C/150C, 500 Cyc		77/0	
Visual / Mechanical	-		Approved	
**Thermal Shock	-65C/150C, 500 Cyc		77/0	
Solderability	Steam age, 8 hours		22/0	
Ball Bond Shear	Wires		80/0	
Bond Pull	Wires		80/0	
Die Shear	-		15/0	
Manufacturability (Assembly)	per mfg. Site specification		Approved	
Salt Atmosphere	24 Hrs		22/0	
X-ray	top side only		5/0	
Note: ** Preconditioning sequence, JEDEC L-2 /260C				