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西新宿三井ビルディング

報告書番号：PCN#20080716003

2008 年 10 月 7 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 ビジネスオペレーションズ部  
カスタマドキュメント マネージャ 牧 達郎 (牧)Siltronic社 ベースウェハ追加認定のご案内

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  | <input type="checkbox"/> Initial notice (Plan)                                                                                      |  | <input checked="" type="checkbox"/> Final notice   |                                     |                                              |
| 変更概要   | Design/Specification                                                                                                                |  | <input type="checkbox"/> Design                    | <input type="checkbox"/> Electrical | <input type="checkbox"/> Mechanical          |
|        | <input checked="" type="checkbox"/> Wafer Fab                                                                                       |  | <input type="checkbox"/> Site                      | <input type="checkbox"/> Process    | <input checked="" type="checkbox"/> Material |
|        | Wafer Bump                                                                                                                          |  | <input type="checkbox"/> Site                      | <input type="checkbox"/> Process    | <input type="checkbox"/> Material            |
|        | Assembly                                                                                                                            |  | <input type="checkbox"/> Site                      | <input type="checkbox"/> Process    | <input type="checkbox"/> Material            |
|        | Test                                                                                                                                |  | <input type="checkbox"/> Site                      | <input type="checkbox"/> Process    |                                              |
|        | Others                                                                                                                              |  | <input type="checkbox"/> Packing/Shipping/Labeling |                                     | <input type="checkbox"/> -                   |
| 変更内容   | Siltronic社 ベースウェハ追加認定<br>現行　：ベースウェハ供給：認定供給業者<br>EPI層供給　　　　　：Globitech社<br>変更後：ベースウェハ供給：認定供給業者, Siltronic社<br>EPI層供給　　　　　：Globitech社 |  |                                                    |                                     |                                              |
| 対象製品   | 対象製品リスト参照                                                                                                                           |  |                                                    |                                     |                                              |
| 変更時期   | 2009 年 1 月中旬の出荷より予定しています。<br>(サンプルは 11 月中旬より予定しています。)                                                                               |  |                                                    |                                     |                                              |
| 品質認定試験 | <input type="checkbox"/> 計画                                                                                                         |  | <input checked="" type="checkbox"/> 終了             |                                     |                                              |
| 製品表示   | <input checked="" type="checkbox"/> 変更無し                                                                                            |  | <input type="checkbox"/> 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](mailto:pcn_tij@list.ti.com)にお問い合わせ下さい。

以上

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変更内容

内容：弊社 PWR(パワーマネジメント)/HPA(ハイパフォーマンスアナログ) TIヒューストン工場製造 LBC4/3Sプロセス製品において、Globitech社 EPIウェハが認定されておりますが、ベースウェハに関して、現行認定業者に加え、Siltronic社を追加し認定しました。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  
ベースウェハ供給  
EPI層供給

現行  
認定供給業者  
Globitech社

変更後  
認定供給業者、Siltronic社  
Globitech社

理由：製品の供給能力確保の為

対象製品リスト

| 対象製品名            |                |                |                |                 |
|------------------|----------------|----------------|----------------|-----------------|
| BQ29311PW        | TPS2013ADRG4   | TPS54316PWPRG4 | TPS73201DCQG4  | TPS76727QD      |
| BQ29311PWG4      | TPS2013APWPG4  | TPS54610PWPG4  | TPS73201DCQR   | TPS76727QDG4    |
| BQ29311PWR       | TPS2013APWPRG4 | TPS54610PWPRG4 | TPS73201DCQRG4 | TPS76727QPWP    |
| BQ29311PWRG4     | TPS2020D       | TPS54611PWP    | TPS73201DRBR   | TPS76727QPWPG4  |
| BQ29312APW       | TPS2020DG4     | TPS54611PWPG4  | TPS73201DRBRG4 | TPS76728QD      |
| BQ29312APWG4     | TPS2020DR      | TPS54611PWPR   | TPS73201DRBT   | TPS76728QDG4    |
| BQ29312APWR      | TPS2020DRG4    | TPS54611PWPRG4 | TPS73201DRBTG4 | TPS76728QPWP    |
| BQ29312APWRG4    | TPS2020P       | TPS54612PWP    | TPS73201DRVR   | TPS76728QPWPG4  |
| BQ29312APWR-SA   | TPS2020PE4     | TPS54612PWPG4  | TPS73201DRVT   | TPS76730QD      |
| BQ29312APWR-SAG4 | TPS2021D       | TPS54612PWPR   | TPS73213DBVR   | TPS76730QDG4    |
| BQ29312APW-SA    | TPS2021DG4     | TPS54612PWPRG4 | TPS73213DBVRG4 | TPS76730QPWP    |
| BQ29312ARTHR     | TPS2021DR      | TPS54613PWP    | TPS73213DBVT   | TPS76730QPWPG4  |
| BQ29312ARTHRG4   | TPS2021DRG4    | TPS54613PWPG4  | TPS73213DBVTG4 | TPS76730QPWPR   |
| BQ29312PW        | TPS2021P       | TPS54613PWPR   | TPS73215DBVR   | TPS76730QPWPRG4 |
| BQ29312PWG4      | TPS2021PE4     | TPS54613PWPRG4 | TPS73215DBVRG4 | TPS76733QD      |
| BQ29312PWR       | TPS2022D       | TPS54614PWP    | TPS73215DBVT   | TPS76733QDG4    |
| BQ29312PWRG4     | TPS2022DG4     | TPS54614PWPG4  | TPS73215DBVTG4 | TPS76733QDR     |
| BQ29330DBT       | TPS2022DR      | TPS54614PWPR   | TPS73215DCQ    | TPS76733QDRG4   |
| BQ29330DBTG4     | TPS2022DRG4    | TPS54614PWPRG4 | TPS73215DCQG4  | TPS76733QPWP    |
| BQ29330DBTR      | TPS2022P       | TPS54615PWP    | TPS73215DCQR   | TPS76733QPWPG4  |
| BQ29330DBTRG4    | TPS2022PE4     | TPS54615PWPG4  | TPS73215DCQRG4 | TPS76733QPWPR   |
| HPA00008PWR      | TPS2023D       | TPS54615PWPR   | TPS73218DBVR   | TPS76733QPWPRG4 |
| HPA00009PWR      | TPS2023DG4     | TPS54615PWPRG4 | TPS73218DBVRG4 | TPS76750QD      |
| HPA00017NT       | TPS2023DR      | TPS54616PWP    | TPS73218DBVT   | TPS76750QDG4    |
| HPA00030DAPR     | TPS2023DRG4    | TPS54616PWPG4  | TPS73218DBVTG4 | TPS76750QDR     |
| HPA00031PWPR     | TPS2023P       | TPS54616PWPR   | TPS73218DCQ    | TPS76750QDRG4   |
| HPA00073DRCR     | TPS2023PE4     | TPS54616PWPRG4 | TPS73218DCQG4  | TPS76750QPWP    |
| HPA00085APWR     | TPS2024D       | TPS54810PWP    | TPS73218DCQR   | TPS76750QPWPG4  |
| HPA00108RHBR     | TPS2024DG4     | TPS54810PWPG4  | TPS73218DCQRG4 | TPS76750QPWPR   |
| HPA00158PWPR     | TPS2024DR      | TPS54810PWPR   | TPS73218DRVR   | TPS76750QPWPRG4 |
| HPA00164PWPR     | TPS2024DRG4    | TPS54810PWPRG4 | TPS73218DRVT   | TPS76801QD      |
| HPA00193PWPR     | TPS2024P       | TPS62000DGS    | TPS73219DBVR   | TPS76801QDG4    |
| HPA00237DBVR     | TPS2024PE4     | TPS62000DGSRG4 | TPS73219DBVT   | TPS76801QDR     |
| HPA00246DRBR     | TPS2030DG4     | TPS62001DGS    | TPS73225DBVR   | TPS76801QDRG4   |
| HPA00287DBVR     | TPS2030DRG4    | TPS62001DGS    | TPS73225DBVRG4 | TPS76801QPWP    |
| HPA00290PWPR     | TPS2030P       | TPS62001DGS    | TPS73225DBVT   | TPS76801QPWPG4  |
| HPA00307PWPR     | TPS2030PE4     | TPS62001DGSRG4 | TPS73225DBVTG4 | TPS76801QPWPR   |
| HPA00310PWPR     | TPS2031D       | TPS62002DGS    | TPS73225DCQ    | TPS76801QPWPRG4 |
| HPA00357DBVR     | TPS2031DG4     | TPS62002DGS    | TPS73225DCQG4  | TPS76815QD      |
| HPA00364PWPR     | TPS2031DR      | TPS62002DGS    | TPS73225DCQR   | TPS76815QDG4    |
| HPA00365PWPR     | TPS2031DRG4    | TPS62002DGSRG4 | TPS73225DCQRG4 | TPS76815QDR     |
| PVSP2700ZV       | TPS2031P       | TPS62003DGS    | TPS73230DBVR   | TPS76815QDRG4   |
| PVSP6234ZAKR     | TPS2031PE4     | TPS62003DGS    | TPS73230DBVRG4 | TPS76815QPWP    |
| SN0309050DBVR    | TPS2032DG4     | TPS62003DGS    | TPS73230DBVT   | TPS76815QPWPG4  |
| SN0309050DBVRG   | TPS2032DRG4    | TPS62003DGSRG4 | TPS73230DBVTG4 | TPS76815QPWPR   |
| SN0309050DBVRG4  | TPS2033D       | TPS62004DGS    | TPS73230DCQ    | TPS76815QPWPRG4 |
| SN0309050DBVRGG4 | TPS2033DG4     | TPS62004DGS    | TPS73230DCQG4  | TPS76818QD      |
| SN0309051DBVR    | TPS2033DR      | TPS62004DGS    | TPS73230DCQR   | TPS76818QDG4    |
| SN0309051DBVRG   | TPS2033DRG4    | TPS62004DGSRG4 | TPS73230DCQRG4 | TPS76818QDR     |
| SN0309051DBVRG4  | TPS2033P       | TPS62005DGS    | TPS73233DBVR   | TPS76818QDRG4   |

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|                  |                  |                 |                 |                 |
|------------------|------------------|-----------------|-----------------|-----------------|
| SNO309051DBVRGG4 | TPS2033PE4       | TPS62005DGS4    | TPS73233DBVRG4  | TPS76818QPWPG4  |
| SNO405063PWPR    | TPS2034D         | TPS62005DGSR    | TPS73233DBVT    | TPS76818QPWPRG4 |
| SNO405063PWPRG4  | TPS2034DG4       | TPS62005DGSRG4  | TPS73233DBVTG4  | TPS76825QD      |
| SNO407011YZR     | TPS2034DR        | TPS62006DGS     | TPS73233DCQ     | TPS76825QDG4    |
| SNO408028DBTR    | TPS2034DRG4      | TPS62006DGS4    | TPS73233DCQG4   | TPS76825QDR     |
| SNO408028DBTRG4  | TPS2034P         | TPS62006DGSR    | TPS73233DCQR    | TPS76825QDRG4   |
| SNO410090YZR     | TPS2034PE4       | TPS62006DGSRG4  | TPS73233DCQRG4  | TPS76825QPWP    |
| SNO602090YZR     | TPS2054DRG4      | TPS62007DGS     | TPS73250DBVR    | TPS76825QPWPG4  |
| SNO608063PWPR    | TPS2211A1DB      | TPS62007DGS4    | TPS73250DBVRG4  | TPS76825QPWPR   |
| SNO608063PWPRG4  | TPS2211A1DBG4    | TPS62007DGSR    | TPS73250DBVT    | TPS76825QPWPRG4 |
| SNO701064PWP     | TPS2211A1DBR     | TPS62007DGSRG4  | TPS73250DBVTG4  | TPS76827QD      |
| SNO701064PWPR    | TPS2211A1DBRG4   | TPS62008DGS     | TPS73250DCQ     | TPS76827QDG4    |
| SNO701064RHBR    | TPS2211APW       | TPS62008DGS4    | TPS73250DCQG4   | TPS76827QPWP    |
| SNO701064RHBT    | TPS2211APWG4     | TPS62008DGSR    | TPS73250DCQR    | TPS76827QPWPG4  |
| SN105116PWP      | TPS2211APWPG4    | TPS62008DGSRG4  | TPS73250DCQRG4  | TPS76828QD      |
| SN105116PWPG4    | TPS2211APWPRG4   | TPS65120RGTT    | TPS73601DBVR    | TPS76828QDG4    |
| SN105116PWPR     | TPS2211APWR      | TPS65120RGTTG4  | TPS73601DBVRG4  | TPS76830QD      |
| SN105116PWPRG4   | TPS2211APWRG4    | TPS65121RGTT    | TPS73601DBVT    | TPS76830QDG4    |
| SN105218BYNAR    | TPS2214DB        | TPS65121RGTTG4  | TPS73601DBVTG4  | TPS76830QPWP    |
| SN105225DBT      | TPS2214DBG4      | TPS65124RGTT    | TPS73601DCQ     | TPS76830QPWPG4  |
| SN105225DBTR     | TPS2216DAP       | TPS65124RGTTG4  | TPS73601DCQG4   | TPS76833QD      |
| SN105228AZVDR    | TPS2216DAPG4     | TPS65160PWP     | TPS73601DCQR    | TPS76833QDG4    |
| SN105232YNAR     | TPS2216DAPR      | TPS65160PWPG4   | TPS73601DCQRG4  | TPS76833QDR     |
| SN105233DBT      | TPS2216DAPRG4    | TPS65160PWPR    | TPS73601DRBR    | TPS76833QDRG4   |
| SN105233DBTG4    | TPS2216DB        | TPS65160PWPRG4  | TPS73601DRBRG4  | TPS76833QPWP    |
| SN105233DBTR     | TPS2216DBG4      | TPS65520AZVDR   | TPS73601DRBT    | TPS76833QPWPG4  |
| SN105233DBTRG4   | TPS2216DBR       | TPS65520ZVDR    | TPS73601DRBTG4  | TPS76833QPWPR   |
| SN2024DR         | TPS2216DBRG4     | TPS65552ADGQ    | TPS736125DRBR   | TPS76833QPWPRG4 |
| SN2024DRG4       | TPS2220APWPG4    | TPS65552ADGQG4  | TPS736125DRBRG4 | TPS76850QD      |
| SNP1X11A1DBR     | TPS2220APWPRG4   | TPS65552ADGQR   | TPS736125DRBT   | TPS76850QDG4    |
| SNP1X11A1DBRG4   | TPS2220BDB       | TPS65552ADGQRG4 | TPS736125DRBTG4 | TPS76850QDR     |
| SNP1X21APWPR     | TPS2220BDBG4     | TPS65552ARGTR   | TPS73615DCQ     | TPS76850QDRG4   |
| SNP1X21APWPRG4   | TPS2220BDBR      | TPS65552ARGTRE3 | TPS73615DCQG4   | TPS76850QPWP    |
| SNP1X21DBR       | TPS2220BDBRG4    | TPS65552DGQ     | TPS73615DCQR    | TPS76850QPWPG4  |
| SNP1X21DBRG4     | TPS2220BPWP      | TPS65552DGQR    | TPS73615DCQRG4  | TPS76850QPWPR   |
| SNP2X41ADBR      | TPS2220BPWPG4    | TPS65552DGQRG4  | TPS73615DRBR    | TPS76850QPWPRG4 |
| SNP2X41APWPR     | TPS2220BPWPR     | TPS65552RGTR    | TPS73615DRBRG4  | TPS79101DBVR    |
| SNP2X41APWPRG4   | TPS2220BPWPRG4   | TPS65552RGTRG4  | TPS73615DRBT    | TPS79101DBVRG4  |
| TLC5922DAP       | TPS2223ADB       | TPS65552RGTRG4  | TPS73615DRBTG4  | TPS79101DBVT    |
| TLC5922DAPG4     | TPS2223ADB4      | TPS65560RGTR    | TPS73618DBVR    | TPS79101DBVTG4  |
| TLC5922DAPR      | TPS2223ADBR      | TPS65560RGTRG4  | TPS73618DBVRG4  | TPS79118DBVR    |
| TLC5922DAPRG4    | TPS2223ADBRG4    | TPS65560RGTT    | TPS73618DBVT    | TPS79118DBVRG4  |
| TLC5923DAP       | TPS2223APWP      | TPS65560RGTTG4  | TPS73618DBVTG4  | TPS79118DBVT    |
| TLC5923DAPG4     | TPS2223APWPG4    | TPS65561RGTR    | TPS73618DCQ     | TPS79118DBVTG4  |
| TLC5923DAPR      | TPS2223APWPR     | TPS65561RGTRG4  | TPS73618DCQG4   | TPS79133DBVR    |
| TLC5923DAPRG4    | TPS2223APWPRG4   | TPS65561RGTT    | TPS73618DCQR    | TPS79133DBVRG4  |
| TLC5923RHBR      | TPS2224ADB       | TPS65561RGTTG4  | TPS73618DCQRG4  | TPS79133DBVT    |
| TLC5923RHBRG4    | TPS2224ADBR      | TPS65562RGTR    | TPS73619DBVR    | TPS79133DBVTG4  |
| TLC5923RHBT      | TPS2224ADBRG4    | TPS65562RGTT    | TPS73619DBVT    | TPS79147DBVR    |
| TLC5923RHBTG4    | TPS2224APWP      | TPS73001DBVR    | TPS73625DBVR    | TPS79147DBVRG4  |
| TLC5924DAP       | TPS2224APWPG4    | TPS73001DBVRG4  | TPS73625DBVRG4  | TPS79147DBVT    |
| TLC5924DAPG4     | TPS2224APWPR     | TPS73001DBVT    | TPS73625DBVT    | TPS79147DBVTG4  |
| TLC5924DAPR      | TPS2224APWPRG4   | TPS73001DBVTG4  | TPS73625DBVTG4  | TPS79201DBVR    |
| TLC5924DAPRG4    | TPS2226ADB       | TPS73018DBVR    | TPS73625DCQ     | TPS79201DBVRG4  |
| TLC5924RHBR      | TPS2226ADB4      | TPS73018DBVRG4  | TPS73625DCQG4   | TPS79201DBVT    |
| TLC5924RHBRG4    | TPS2226ADBR      | TPS73018DBVT    | TPS73625DCQR    | TPS79201DBVTG4  |
| TLC5924RHBT      | TPS2226ADBRG4    | TPS73018DBVTG4  | TPS73625DCQRG4  | TPS79225DBVR    |
| TLC5924RHBTG4    | TPS2231MRGPR     | TPS73025DBVR    | TPS73630DBVR    | TPS79225DBVRG4  |
| TLC5940NT        | TPS2231MRGPR-1   | TPS73025DBVRG4  | TPS73630DBVRG4  | TPS79225DBVT    |
| TLC5940NTG4      | TPS2231MRGPR-1G4 | TPS73025DBVT    | TPS73630DBVT    | TPS79225DBVTG4  |
| TLC5940PWP       | TPS2231MRGPR-2   | TPS73025DBVTG4  | TPS73630DBVTG4  | TPS79228DBVR    |
| TLC5940PWPG4     | TPS2231MRGPRG4   | TPS730285DBVR   | TPS73630DCQ     | TPS79228DBVRG4  |
| TLC5940PWPR      | TPS2231MRGPT     | TPS730285DBVRG4 | TPS73630DCQG4   | TPS79228DBVT    |
| TLC5940PWPR-A    | TPS2231MRGPT-1   | TPS730285DBVT   | TPS73630DCQR    | TPS79228DBVTG4  |
| TLC5940PWPR-AG4  | TPS2231MRGPT-1G4 | TPS730285DBVTG4 | TPS73630DCQRG4  | TPS79230DBVR    |
| TLC5940PWPRG4    | TPS2231MRGPTG4   | TPS73028DBVR    | TPS73633DBVR    | TPS79230DBVRG4  |

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|----------------|----------------|-----------------|-----------------|-----------------|
| TLC5940RHB     | TPS2231PW      | TPS73028DBVRG4  | TPS73633DBVRG4  | TPS79230DBVT    |
| TLC5940RHBG4   | TPS2231PWG4    | TPS73028DBVT    | TPS73633DBVT    | TPS79230DBVTG4  |
| TLC5940RHBR    | TPS2231PWP     | TPS73028DBVTG4  | TPS73633DBVTG4  | TPS79301DBVRG4  |
| TLC5940RHBRG4  | TPS2231PWPG4   | TPS73030DBVR    | TPS73633DCQ     | TPS79301DBVT    |
| TLC5940RHBT    | TPS2231PWPR    | TPS73030DBVRG4  | TPS73633DCQG4   | TPS79301DBVTG4  |
| TLC5941NT      | TPS2231PWPRG4  | TPS73030DBVT    | TPS73633DCQR    | TPS79318DBVR    |
| TLC5941PWP     | TPS2231PWR     | TPS73030DBVTG4  | TPS73633DCQRG4  | TPS79318DBVRG4  |
| TLC5941PWPG4   | TPS2231PWRG4   | TPS73033DBVR    | TPS73633DRBR    | TPS79318DBVT    |
| TLC5941PWPR    | TPS2231RGPR    | TPS73033DBVRG4  | TPS73633DRBRG4  | TPS79318DBVTG4  |
| TLC5941PWPRG4  | TPS2231RGPRG4  | TPS73033DBVT    | TPS73633DRBT    | TPS79325DBVR    |
| TLC5945PWP     | TPS2231RGPT    | TPS73033DBVTG4  | TPS73633DRBTG4  | TPS79325DBVRG4  |
| TLC5945PWPG4   | TPS2231RGPTG4  | TPS731125DBVR   | TPS76701QD      | TPS793285DBVR   |
| TLC5945PWPR    | TPS5124DBT     | TPS731125DBVRG4 | TPS76701QDG4    | TPS793285DBVRG4 |
| TLC5945PWPRG4  | TPS5124DBTG4   | TPS731125DBVT   | TPS76701QDR     | TPS793285DBVT   |
| TLC5945RHBR    | TPS5124DBTR    | TPS731125DBVTG4 | TPS76701QDRG4   | TPS793285DBVTG4 |
| TLC5945RHBRG4  | TPS5124DBTRG4  | TPS73115DBVRG4  | TPS76701QPWP    | TPS79328DBVR    |
| TLC5945RHBT    | TPS54310PWPG4  | TPS73115DBVTG4  | TPS76701QPWPG4  | TPS79328DBVRG4  |
| TLC5945RHBTG4  | TPS54310PWPRG4 | TPS73118DBVRG4  | TPS76701QPWPR   | TPS79330DBVR    |
| TLC5946PWP     | TPS54311PWP    | TPS73118DBVTG4  | TPS76701QPWPRG4 | TPS79330DBVRG4  |
| TLC5946PWPR    | TPS54311PWPG4  | TPS73130DBVR    | TPS76715QD      | TPS79333DBVR    |
| TPS2010AD      | TPS54311PWPR   | TPS73130DBVRG4  | TPS76715QDG4    | TPS79333DBVRG4  |
| TPS2010ADG4    | TPS54311PWPRG4 | TPS73130DBVT    | TPS76715QDR     | TPS793475DBVR   |
| TPS2010ADR     | TPS54312PWP    | TPS73130DBVTG4  | TPS76715QDRG4   | TPS793475DBVRG4 |
| TPS2010ADRG4   | TPS54312PWPG4  | TPS73131DBVR    | TPS76715QPWP    | VSP00M21ZWD-9   |
| TPS2010APWP    | TPS54312PWPR   | TPS73131DBVRG4  | TPS76715QPWPG4  | VSP00M21ZWR-9   |
| TPS2010APWPG4  | TPS54312PWPRG4 | TPS73131DBVT    | TPS76718QD      | VSP02M21AZWV    |
| TPS2011AD      | TPS54313PWP    | TPS73131DBVTG4  | TPS76718QDG4    | VSP02M21AZWVR   |
| TPS2011ADG4    | TPS54313PWPG4  | TPS73132DBVR    | TPS76718QDR     | VSP02M21ZWVR    |
| TPS2011ADR     | TPS54313PWPR   | TPS73132DBVRG4  | TPS76718QDRG4   | VSP1900DBT      |
| TPS2011ADRG4   | TPS54313PWPRG4 | TPS73132DBVT    | TPS76718QPWP    | VSP1900DBTG4    |
| TPS2011APWP    | TPS54314PWP    | TPS73132DBVTG4  | TPS76718QPWPG4  | VSP1900DBTR     |
| TPS2011APWPG4  | TPS54314PWPG4  | TPS73133DBVR    | TPS76718QPWPR   | VSP1900DBTRG4   |
| TPS2011APWPR   | TPS54314PWPR   | TPS73133DBVRG4  | TPS76718QPWPRG4 | VSP2700ZWV      |
| TPS2011APWPRG4 | TPS54314PWPRG4 | TPS73133DBVT    | TPS76725QD      | VSP6234AZAKR    |
| TPS2012AD      | TPS54315PWP    | TPS73133DBVTG4  | TPS76725QDG4    | VSP6234S1ZAK    |
| TPS2012ADG4    | TPS54315PWPG4  | TPS73150DBVR    | TPS76725QDR     | VSP6234S1ZAKR   |
| TPS2012ADR     | TPS54315PWPR   | TPS73150DBVRG4  | TPS76725QDRG4   | VSP6234ZAKR     |
| TPS2012ADRG4   | TPS54315PWPRG4 | TPS73150DBVT    | TPS76725QPWP    | VSP8300ZWV      |
| TPS2013AD      | TPS54316PWP    | TPS73150DBVTG4  | TPS76725QPWPG4  | VSP8300ZWVR     |
| TPS2013ADG4    | TPS54316PWPG4  | TPS73201DBVTG4  | TPS76725QPWPR   | VSP8800AZAKR    |
| TPS2013ADR     | TPS54316PWPR   | TPS73201DCQ     | TPS76725QPWPRG4 | VSP8801ZAKR     |

信頼性試験

| 信頼性試験 - 試料構成詳細                            |                                       |                    |                  |       |
|-------------------------------------------|---------------------------------------|--------------------|------------------|-------|
| Qual Device                               | BQ24010DRCR                           | Die Size(mils)     | 94.0 X 65.0      |       |
| Wafer fab Site                            | HFAB                                  | Fab Process        | LBC4             |       |
| Metal 1-2                                 | TiW/AICu.5, TiW/AICu.5                | Metal 3-4          | TiW/AICu.5, NONE |       |
| Package Code/Pin                          | DRC / 10                              | Passivation        | 10K Nitride      |       |
| Assembly Site                             | TIM                                   | Die Type:          | Wire Bond        |       |
| Moisture Sensitivity Level                | LEVEL2-260C                           |                    |                  |       |
| 信頼性試験結果                                   |                                       |                    |                  |       |
| Test Type                                 | Condition / Duration                  | Sample size/ Fails |                  |       |
|                                           |                                       | Lot#1              | Lot#2            | Lot#3 |
| ** Life Test                              | +125C, 1000 Hrs.                      | 114/0              | 114/0            | 114/0 |
| ESD HBM (3 units / level)                 | 500V, 1000V, 1500V, 2000V             | 12/0               | 12/0             | 12/0  |
| ESD CDM (3 units / level)                 | 200V, 500V                            | 6/0                | 6/0              | 6/0   |
| ESD MM (3 units / level)                  | 50V                                   | 3/0                | 3/0              | 3/0   |
| Electrical Characterization               | 0C, Room, 125C                        | 10/0               | 10/0             | 10/0  |
| Latch Up                                  | 70C & RT, Curr Injection, Overvoltage | 6/0                | 6/0              | 6/0   |
| ** Test requires Moisture Preconditioning |                                       |                    |                  |       |