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|---|--|---|---------------------|
| <b>PCN Number:</b>  | 20180911000  | <b>PCN Date:</b>  | Sept. 17, 2018      |
| <b>Title:</b>   | Datasheet update for ISO7220A, ISO7220B, ISO7220C, ISO7220M<br>ISO7221A, ISO7221B, ISO7221C, ISO7221M  |   |                     |
| <b>Customer Contact:</b>  | <a href="#">PCN Manager</a>  | <b>Dept:</b>  | Quality Services    |
| <b>Proposed 1<sup>st</sup> Ship Date:</b>   | Dec. 17, 2018  |   |                     |
| <b>Change Type:</b>   |  |   |                     |
| <input type="checkbox"/>  | Assembly Site  | <input type="checkbox"/>  | Design              |
| <input type="checkbox"/>  | Assembly Process   | <input checked="" type="checkbox"/>   | Data Sheet          |
| <input type="checkbox"/>  | Assembly Materials   | <input type="checkbox"/>  | Part number change  |
| <input type="checkbox"/>  | Mechanical Specification   | <input type="checkbox"/>  | Test Site           |
| <input type="checkbox"/>  | Packing/Shipping/Labeling  | <input type="checkbox"/>  | Test Process        |
|   |  | <input type="checkbox"/>  | Wafer Bump Site     |
|   |  | <input type="checkbox"/>  | Wafer Bump Material |
|   |  | <input type="checkbox"/>  | Wafer Bump Process  |
|   |  | <input type="checkbox"/>  | Wafer Fab Site      |
|   |  | <input type="checkbox"/>  | Wafer Fab Materials |
|   |  | <input type="checkbox"/>  | Wafer Fab Process   |
| <b>PCN Details</b>  |  |   |                     |
| <b>Description of Change:</b>   |  |   |                     |
| <p>The product datasheet(s) is being updated as summarized below.<br/> The following change history provides further details.<br/> The datasheet number will be changing.</p> |  |   |                     |
|    |  | <b>ISO7220A, ISO7220B, ISO7220C, ISO7220M</b><br><b>ISO7221A, ISO7221B, ISO7221C, ISO7221M</b><br><small>SLLS755P – JULY 2006 – REVISED AUGUST 2018</small> |                     |
| <b>Changes from Revision O (April 2017) to Revision P</b>   |  |   |                     |
|   |  |   | <b>Page</b>         |
| •   | Changed (VDE V 0884-10):2006-12 to DIN VDE V 0884-11:2017-01 throughout the document .....   |   | 1                   |
| •   | Changed CSA Approved for Component Acceptance Notice 5A and IEC 60950-1 to CSA Approved for IEC 60950-1 and IEC 62368-1 throughout the document .....  |   | 1                   |
| •   | Added the basic insulation working voltage for CSA in the <i>Safety-Related Certifications</i> table .....   |   | 9                   |
| •   | Changed the VDE certification number from 40016131 to 40047657 in the <i>Safety-Related Certifications</i> table .....   |   | 9                   |
| •   | Changed the maximum propagation delay and pulse-width distortion in each <i>Switching Characteristics</i> table .....  |   | 14                  |
| •   | Added ± 10% for the $V_{CC1}$ and $V_{CC2}$ voltages in the condition statement of the <i>Switching Characteristics—5-V <math>V_{CC1}</math> and <math>V_{CC2}</math> Supplies</i> table ..... |   | 14                  |
| •   | Changed ISO722x to ISO7220 for all part numbers for the Channel-to-channel output skew parameter in each <i>Switching Characteristic</i> table .....   |   | 14                  |
| <hr/>   |  |   |                     |
| <b>Device Family</b>  |  | <b>Change From:</b>   | <b>Change To:</b>   |
| ISO7220A, ISO7220B, ISO7220C,<br>ISO7220M<br>ISO7221A, ISO7221B, ISO7221C,<br>ISO7221M  |  | SLLS7550  | <b>SLLS755P</b>     |
| <p>These changes may be reviewed at the datasheet links provided.<br/> <a href="http://www.ti.com/product/ISO7220A">http://www.ti.com/product/ISO7220A</a></p>                |  |   |                     |
| <b>Reason for Change:</b>   |  |   |                     |
| To more accurately reflect device characteristics.  |  |   |                     |
| <b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>   |  |   |                     |
| Electrical specification performance changes as indicated above.  |  |   |                     |
| <b>Changes to product identification resulting from this PCN:</b>   |  |   |                     |
| None.   |  |   |                     |

| <b>Product Affected:</b> |              |             |              |
|--------------------------|--------------|-------------|--------------|
| ISO7220AD                | ISO7220ADG4  | ISO7220ADR  | ISO7220ADRG4 |
| ISO7220BD                | ISO7220BDG4  | ISO7220BDR  | ISO7220BDRG4 |
| ISO7220CD                | ISO7220CDR   | ISO7220MD   | ISO7220MDG4  |
| ISO7220MDR               | ISO7220MDRG4 | ISO7221AD   | ISO7221ADG4  |
| ISO7221ADR               | ISO7221ADRG4 | ISO7221BD   | ISO7221BDR   |
| ISO7221BDRG4             | ISO7221CD    | ISO7221CDG4 | ISO7221CDR   |
| ISO7221CDRG4             | ISO7221MD    | ISO7221MDG4 | ISO7221MDR   |
| ISO7221MDRG4             |              |             |              |

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

| <b>Location</b> | <b>E-Mail</b>  |
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| USA             | <a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a> |
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