Product Change Notice

Exar Corporation
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PCN Number: 12-0522-04
Issue Date: 05-06-2013

PRODUCTS AFFECTED: SP508CF-L, SP508EF-L

CHANGE CATEGORY:
- [x] Process
- [ ] Material
- [ ] Design
- [ ] Package
- [ ] Datasheet
- [ ] Packing/Shipping
- [ ] Other (specify)

DESCRIPTION OF CHANGE:
Change in wafer fabrication foundry and part numbers.
Qualification of an alternate qualified wafer foundry, Silan, in addition to the current wafer foundry, Episil Technologies.

FROM:
Part Numbers:
- SP508CF-L
- SP508EF-L

TO:
Part Numbers:
- SP508ECF-L
- SP508EEF-L

Datasheet limits for the following parameters are being changed from:

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>OLD SPEC Low Limit</th>
<th>OLD SPEC High Limit</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>V.10 Driver Transition Time</td>
<td>N/A</td>
<td>200</td>
<td>ns</td>
</tr>
<tr>
<td>V.10 Receiver Propagation Delay TpH-L and TpL-H</td>
<td>N/A</td>
<td>60</td>
<td>ns</td>
</tr>
<tr>
<td>V.35 Driver Channel to Channel Skew</td>
<td>Typical = 5ns</td>
<td></td>
<td>ns</td>
</tr>
<tr>
<td>Icc (Shut Down Mode)</td>
<td>Typical = 1µA</td>
<td></td>
<td>µA</td>
</tr>
</tbody>
</table>

Datasheet limits for the following parameters are being changed to:

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>NEW SPEC Low Limit</th>
<th>NEW SPEC High Limit</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>V.10 Driver Transition Time</td>
<td>N/A</td>
<td>500</td>
<td>ns</td>
</tr>
<tr>
<td>V.10 Receiver Propagation Delay TpH-L and TpL-H</td>
<td>N/A</td>
<td>500</td>
<td>ns</td>
</tr>
<tr>
<td>V.35 Driver Channel to Channel Skew</td>
<td>Typical = 2ns</td>
<td></td>
<td>ns</td>
</tr>
<tr>
<td>Icc (Shut Down Mode)</td>
<td>Typical = 200µA</td>
<td></td>
<td>µA</td>
</tr>
</tbody>
</table>

IMPACT OF CHANGE:
None expected for known customer applications.

TARGET IMPLEMENTATION DATE: 29-APR-2013

Please contact customer support (customersupport@exar.com) for sample date availability or qualification data