The intention of this errata technical note is to give a detailed description of known functional or electrical issues with the FTDI LC231X modules.
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1 LC231X Revision

LC231X part numbers are listed in Table 1.
The current revision is **Rev 1.0**, which is marked on the PCB silkscreen. All known issues with this module revision are recorded in this Technical Note.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC231X</td>
<td>Low cost FT231X USB to UART module</td>
</tr>
</tbody>
</table>

Table 1 – LC231X Part Numbers

This errata technical note covers the revisions of LC231X listed in Table 2.

<table>
<thead>
<tr>
<th>Revision</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

Table 2 - LC231X Revisions
2 Errata History Table – Functional Issues

<table>
<thead>
<tr>
<th>Functional Errata</th>
<th>Short Description</th>
<th>Errata occurs in module revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC231X</td>
<td>Silkscreen error on bottom layer</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Table 3 - Functional Issues
3 Silkscreen Text Issues of LC231X

3.1 Revision 1.0

3.1.1 Wrong silkscreen Text on Bottom layer

Introduction:
The LC231X module's bottom silkscreen text is located at wrong place.

Issue:
The current silkscreen text “RST” and “VCCIO” should be at opposite locations. The “VCCIO” label should be “3V3”.

![Figure 1 - Rev.1.0 Wrong Silkscreen](image1)

![Figure 2 - Rev.1.1 Updated Silkscreen](image2)
Exception:
The issue only affects if the customer wants to patch our module to their own application by following the silkscreen only and doesn't have any impact on any other functionality of the FT231X IC.

Workaround:
The workaround options are as follows:
1. Use the latest revision (Rev.1.1) of LC231X which have correct bottom layer silkscreen
2. Follow this errata to connect the LC231X module to their application

Package Specific:
The affected packages are listed in Table 4.

<table>
<thead>
<tr>
<th>Module</th>
<th>Applicable (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC231X</td>
<td>Y</td>
</tr>
</tbody>
</table>

Table 4 - Affected Modules
4 Contact Information

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Appendix A – References

Document References

NA

Acronyms and Abbreviations

<table>
<thead>
<tr>
<th>Terms</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB</td>
<td>Printed Circuit Board</td>
</tr>
</tbody>
</table>
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## Appendix C – Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Changes</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Initial Release</td>
<td>2018-08-17</td>
</tr>
</tbody>
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