INSTRUCTIONS

This template will assist you in creating new text for inclusion in the IBIS specification according to the format introduced in IBIS 5.1.

The second page contains some key information for those considering the document. Please remove the bracketed, italic text and replace it with your own. This information will be archived along with your changes.

If you are submitting completely new text for a keyword, an IBIS-AMI function signature or an IBIS-AMI parameter definition, please use this document to submit your changes. Simply replace the instruction text on the following pages with the new text. Remove any template text not relevant to your submission. If possible, please indicate where in the document the new text should be inserted.

If you are only making modifications to the existing document (for example, modifying an existing keyword definition to add a subparameter), please use the Microsoft Word\* version of the IBIS document, with “Track Changes” turned on.

When ready to submit, please fill remove this page and send the document to the IBIS Open Forum Chair, as listed on <http://www.eda.org/ibis/>.

*{the text above will be revised and the second page will be replaced when MANTIS is online}*

**BUFFER ISSUE RESOLUTION DOCUMENT (BIRD)**

**ISSUE TITLE:** *{one line description of your issue}*

**REQUESTOR:**  *{your name and organization}*

**DATE SUBMITTED:** *{date you sent the document}*

**ANALYSIS PATH/DATA THAT LED TO SPECIFICATION:**

*{Many people who may review this document. Your reasons, analyses, and justifications must be precise and well-documented, or your BIRD will be sent back to you. Use this section to show answer all questions that reviewers might reasonably ask. If your issue is a change instead of an enhancement, document how backward compatibility is to be addressed.}*

**ANY OTHER BACKGROUND INFORMATION:**

{*These documents will be archived, so use this section to add any detail that is not part of the section above or the changed text itself , but should not be lost.}*

*Keyword:* **[enter your keyword name here, with the brackets]**

*Required:* Is the keyword required for compliance? Yes, No, Sometimes are acceptable entries

*Description:* Provide a very brief (one line) description here.

*Sub-Params:* Enter subparameter names, separated by comma.s

*Usage Rules:* Enter any usage rules here.

Information may sometimes be usefully presented in columns. Use the indentation shown below.

[your keyword name] useful information

Subparameter\_one additional useful information

Subparameter\_two additional useful information

*Other Notes:* Additional notes are entered in this section. Be sure to include how this keyword interacts with other keywords (for example, does this keyword take precedence over other keywords? Do other keywords or sub-parameters affect how this keyword is interpreted?).

The word “shall” is used to describe requirements.

Text within a section such as “Other Notes” shall not use blank lines, but only line feeds and/or carriage returns. All text is to be in Times New Roman font, font size 12. Bold and italic font shall be used as shown above.

Tables can express useful information. Edit the table below, using columns and column headers as appropriate. Columns and/or rows can be added as needed. Always add a meaningful caption and separate tables by one blank line from other text.

Table 1 – Special Rules for Keyword [your keyword name here]

| **Column 1** | **Column 2** |
| --- | --- |
| Data  | Data explained |
| Additional data  | Additional data explained |

If you need to add a figure, do so below. Ensure that you provide an informative caption, and use cross-references for any mention of your figure, as is done here for Figure 1. Precede each figure by one blank line, and follow it with two blank lines.



1. - Reference Load Connections

Equations may be used as appropriate. Edit the equation below for your keyword. Note that equations shall be preceded and followed by one blank line.

$$Threshold\\_sensitivity = \frac{change in input threshold voltage}{change in referenced supply voltage}$$

*Example:*

Enter as complete an example of your keyword in the intended IBIS syntax as you can. Multiple examples are appreciated. Examples shall be presented in Courier New font, size 10. Examples shall be preceded by “Example:” in italic font, Times New Roman, size 12, as shown above.

## Function Signatures

This section defines the structure and parameters used with required and optional functions.

*Function:* **Your\_function\_here**

*Required:* Is the function required? Yes, No and Sometimes are acceptable.

*Declaration:* declare your function name and type here (include the name,

 and type of each argument,

 separated by commas,

 indented as shown,

 and written in Courier New 10 point font)

*Arguments:*

your\_argument\_here

Insert an explanation of the argument here.

Row and column information or other formatting information

should usually be indented

Additional text may be required to show interactions between functions and parameters.

Your\_next\_argument\_here

The explanation of the next argument follows. Ensure that one blank line separates the text of one argument from the next argument. Examples, as shown below, are useful:

*Example:*

Your\_next\_argument\_here = (larger\_argument/64)

Be sure to indent and use Courier New 10 point font

## Parameter DEFINITIONs

This section defines the structure and parameters used with required and optional functions.

*Parameter:* **Your\_parameter\_here**

*Required:* Is the parameter required? Yes, No, Sometimes are acceptable.

*Descriptors*:

Usage: List legal usage formats here

Type: List legal types here

Format: List legal formats here

Default: List any default value here

Description:Is this a string literal? A Boolean literal? State this using <> brackets

*Definition:* Define your parameter in a single line here, if possible.

*Usage Rules:* Provide the usage and syntax rules here. Indent any formatting rules. For this text and everything but the examples, use Times New Roman 12 point font.

*Other Notes:* Additional notes on compatibility or on tool assumptions may be required. List those here.

*Examples:*

(Your\_parameter\_example\_here (Usage your\_usage)(Type your\_float)

 (Indent where possible, and use Courier New 10 point font)

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