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Bill of Material for <Name>

Document No: <Doc No>, Revision: -

Coordination Sheet

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| --- | --- | --- | --- |
| **PREPARED BY** | Design Eng. | <Name> | <Signature> |
| **REVIEWED BY** | Design Eng. | <Name> | <Signature> |
| **APPROVED BY** | Design Head | <Name> | <Signature> |
| CEMILAC/RCMA | <Name> | <Signature> |

Revisions

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| --- | --- | --- |
| **Rev No.** | **Date** | **Description** |
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Bill of Material is a compilation of electrical and mechanical components/subcomponents of a system. BoM document includes list of electrical/electronic components, PCBs, connectors, wires, list of consumables such as potting materials etc and mechanical components such as fasteners and chassis material. Following points to be considered for preparation of BoM document.

* Thickness, no. of layers, type of material, Group-A & Group-B certification requirement, operating temperature to be provided for bare PCB.
* DNP (Do Not Populate) list to be provided in the document.
* A note to be added for requirement of CEMILAC COTS screening if non MIL grade components are used.

The BoM may be prepared in following format.

# Electrical BoM

## PCB1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.****No.** | **Identification/lable/ckt id of Component** | **Quantity** | **OEM Part No.** | **Description****(Type, Rating, tolerance)** | **Operating Temperature Range** | **Category****(Mil/Industrial****/Automotive****/comm./JSS/****COTS** | **OEM** | **Package** |
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## PCB2

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.****No.** | **Identification/lable/ckt id of Component** | **Quantity** | **OEM Part No.** | **Description****(Type, Rating, tolerance)** | **Operating Temperature Range** | **Category****(Mil/Industrial****/Automotive****/comm./JSS/****COTS** | **OEM** | **Package** |
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# Mechanical BoM

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.****No.** | **Drawing No/Part No.** | **Description** | **Qty** | **Material type** | **Type Approved/non type approved(RCMA)** | **Material source** | **Supplier** | **Make/ OEM** |
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