<table>
<thead>
<tr>
<th>Sheet</th>
<th>Sheet Title</th>
<th>Size</th>
<th>Mod. Date</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Revision History**

<table>
<thead>
<tr>
<th>Rev</th>
<th>ECN #</th>
<th>Approved Date</th>
<th>Approved by</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

---

- **Hardware**
  - EVM_Hardware.SchDoc
  - INA_7142
  - RTD
  - LMT70
  - MCU_SchDoc
  - INA_7142
  - RTD
  - LMT70

---

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implemented design. Texas Instruments and/or its licensors do not warrant that the design is production-worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.
Engineer: Steffen Graf
Drawn By:

Contact: http://www.ti.com/support

Texas Instrument does not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.
Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not guarantee or warrant the performance of this design or any implementation thereof.

This design is intended for educational purposes only and should not be used without proper supervision and consultation with a qualified professional. The design and its implementation are the sole responsibility of the user.

Warning: The use of this design or any implementation thereof may result in damage to equipment, injury to persons, or loss of data. Texas Instruments and/or its licensors are not responsible for any such damage, injury, or loss.

Please consult the relevant documentation and always use proper safety precautions when working with electronic equipment.

For more information, please contact your local Texas Instruments sales representative or visit the Texas Instruments website at www.ti.com.

© Texas Instruments 2018
### Variant/Label Table

<table>
<thead>
<tr>
<th>Variant Label</th>
<th>Variant Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB Label</td>
<td>PCB</td>
</tr>
<tr>
<td>PCB Label</td>
<td>PCB</td>
</tr>
<tr>
<td>PCB Label</td>
<td>PCB</td>
</tr>
</tbody>
</table>

*Size: 0.65" x 0.20"*  

**PCB Number:** TID-010019  
**PCB Rev.:** E2

---

**Assembly Note:**  
These assemblies are ESD sensitive. ESD precautions shall be observed.

**Assembly Note:**  
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

**Assembly Note:**  
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.
IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI’s Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2019, Texas Instruments Incorporated