Additional Terms, warnings, restrictions and disclaimers of the Infineon and Würth Elektronik eisos Wireless Power Development Kit (hereafter defined as DEVELOPMENT KIT).

Infineon and Würth Elektronik eisos (hereafter defined as WE) provide the enclosed DEVELOPMENT KIT under the following conditions:

The user has to bear all responsibility and liability for the proper and safe handling with regard to this DEVELOPMENT KIT. The user shall indemnify Infineon and WE from all claims arising from the handling or utilization of this DEVELOPMENT KIT. In the case this DEVELOPMENT KIT does not comply with the specifications indicated in the Manual, the DEVELOPMENT KIT may be returned within 30 days from the date of delivery for full reimbursement of the purchase price.

The FOREGOING LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY MADE BY INFINEON AND WE TO THE USER AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. EXCEPT TO THE EXTENT OF THE EXEMPTIONS SET FORTH ABOVE, NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

Please read the Manual carefully prior to handling the DEVELOPMENT KIT. This Manual contains essential safety information regarding voltages and temperatures.

No license is granted under any patent right or any other intellectual property rights of Infineon or WE covering or relating to any machines, processes, and/or apparatus as combination of such the DEVELOPMENT KIT or services might be or are used. Our arrangement with affiliates, contractors or designees of the DEVELOPMENT KIT for evaluation, testing and other purposes.

Your Sole Responsibility and Risk. You acknowledge, represent and agree that:

a) the DEVELOPMENT KIT is not a finished product, including but not limited to Field and Drop Administration regulations, if applicable which affects your products and which refers to your use (and/or the use of your employees, affiliates, subcontractors or designees of the DEVELOPMENT KIT) for evaluation, testing and other purposes.

b) WE is indemnified and exclusive responsible for the safety of your DEVELOPMENT KIT for the compliance with all relevant laws and other regulatory requirements. Further you have to bear the safety of any activities to be conducted by or on behalf of employees, affiliates, subcontractors or designees, using the DEVELOPMENT KIT. You are also responsible to ensure that any interfaces (hardware and/or software) between the DEVELOPMENT KIT and any human body are designed with suitable resistances and means to safely limit the accessible leakage currents to maintain the risk of electrical shock hazard.

c) Since the DEVELOPMENT KIT is not a complete product, it may not meet all applicable regulatory and safety compliance standards (such as UL, CE, VDE, WEEE and RoHS) which normally may be associated with similar completed products. You assume full responsibility to determine and/or assure compliance with such standards and related certifications may be applicable. You have to use reasonable safeguards to ensure that your use of the DEVELOPMENT KIT will not result in any property damage, injury or death, even if the DEVELOPMENT KIT should fail to perform as specified or expected.

d) Certain Instruments. It is important to handle this DEVELOPMENT KIT within Infineon and WE's recommended specifications and procedures. Certain instruments as described in the Manual. For example, the specification of the DEVELOPMENT KIT's classifications (including but not limited to input and output voltage, current, power, and environmental ranges) may cause property damage, personal injury or death. If there are questions concerning these classifications (including but not limited to input and output voltage, current, power, and environmental ranges) may cause property damage, personal injury or death. If there are questions concerning these classifications (including but not limited to input and output voltage, current, power, and environmental ranges) may cause property damage, personal injury or death. If there are questions concerning the technology, please contact an Infineon or WE external sales representative. During normal operation, some circuit components may have case temperatures greater than 60°C as long as the input and output are maintained at a normal ambient operating temperature. These components include but are not limited to linear regulators, switching transistors, pass transistors, and current sense resistors which can be identified using the DEVELOPMENT KIT schematic published in the DEVELOPMENT KIT Manual. Please be aware that the devices of the DEVELOPMENT KIT may be very warm in case of placing the measurement test setup close to the DEVELOPMENT KIT during normal process. Power levels that only qualified personnel educated in electronic measurement and diagnostics usually found in development environments may use these DEVELOPMENT KITS.

Agreement to Defend, Indemnify and Hold Harmless. You agree to defend, indemnify and hold Infineon, WE, its licensors and their employees harmless from and against any and all claims, damages, losses, expenses, costs and liabilities (collectively, “Claims”) arising out of or in connection with any use of the DEVELOPMENT KIT that is not in accordance with the terms of the agreement. This obligation shall apply whether Claims arise under law of tort or contract or any other legal theory, and even if the DEVELOPMENT KIT fails to perform as specified or expected.

Safety-Critical or Life-Critical Applications. If you intend to evaluate the components for possible use in safety critical applications (such as life support) where a failure of the Infineon or WE product would reasonably be expected to cause severe personal injury or death, such applications shall be classified as C, D, or E, in accordance with the ISA S84.01 classification. You have to specify fully Infineon or WE of such intent and enter into a separate Assurance and Indemnity Agreement.

Your sub-contractors shall agree to the same terms and conditions as set forth herein. Infineon and WE, including but not limited to any of their respective affiliates, contractors or designees, are not responsible for the performance of your sub-contractors as defined herein.

For Feasibility Evaluation Only, in Laboratory/Development Environments. The DEVELOPMENT KIT is not a complete product and is intended exclusively for preliminary feasibility evaluation in laboratory/development environments by technically qualified electronics experts. These experts’ main duty has to be familiar with the dangers and application risks in connection with handling electrical mechanical components, systems and subsystems. It should not be used as end product or as a part of an end product.
Infineon and Würth Elektronik eiSos together offer a wireless power development kit (order code 760308EMP) to demonstrate the advantages of wireless power and to give developers the opportunity to test and integrate a wireless power solution to their application.

Please note that this development kit is intended to be operated in a research and development environment under supervision of qualified technicians or engineers for test and measurement purposes. This development kit is not designed to fulfill requirements for CE compliance.

**WARNING**

Before switching on the system, the enclosed load resistor must be connected to the output of the receiver, as the operation without any load could destroy the system.

For further use we recommend the usage of an adjustable load (see Manual).

### Key components from Infineon and Würth Elektronik eiSos

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product Family</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>Infineon</td>
<td>OptiMOS™ 5 Transistor</td>
<td>BS20703N08L55</td>
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<tr>
<td>Infineon</td>
<td>Synchronous Rectifier Controller</td>
<td>IR1161L</td>
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<tr>
<td>Infineon</td>
<td>ARM® Cortex® M0 Microcontroller</td>
<td>XMC1302-T038X0064 AB</td>
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<tr>
<td>Würth Elektronik eiSos</td>
<td>WE-WPCC Wireless Power Coil</td>
<td>7903081032-42</td>
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<td>Würth Elektronik eiSos</td>
<td>MagIC Power Module</td>
<td>171032401</td>
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<tr>
<td>Würth Elektronik eiSos</td>
<td>WCAP-ADL Aluminum Electrolytic Capacitor</td>
<td>88016057032</td>
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### Power Supply

Connect and power up the transmitter board by using the provided power adapter.

More detailed technical descriptions for developers and the latest firmware version can be found on our website: [www.we-online.com/wirelesspower/200WKit](www.we-online.com/wirelesspower/200WKit)

Please note that there will be no support for the firmware. It is a basic functionality software meant for demonstration purposes.