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## Infineon AURIX™ TC3xx Family

### AURIX™ TC3xx Motor Control Application Kit

V1.0, October 2020

#### Release note

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The AURIX™ TC3xx Motor Control Application Kit provides out-of-the-box all necessary components to drive a 3-phase brushless motor. Applications can be developed easily. The AURIX™ TC3xx Motor Control Power Board is equipped with a variety of interfaces for position detection, current and voltage measurement. Additionally, an advanced gated driver IC (TLE 9180D) and a complete B6 bridge allow spinning a motor up to 50 Watt.

### Package Contents

- **AURIX™ TC387 Application Kit with TFT display**
- **AURIX™ TC3xx Motor Control Power Board V3.2**
- **BLDC Motor with Encoder**
- **Power supply**
- **Adapter, connectors**
- **Disclaimer**

### Online Contents:

The Documentation and Software Binary Package is available online via [www.myinfineon.com](http://www.myinfineon.com)

How to get access to AURIX™ documentation:

1. Please register under [myinfineon.com](http://myinfineon.com) (only company address allowed, no private mail e.g. google, yahoo, ...)
2. Send login name to: [AURIX@infineon.com](mailto:AURIX@infineon.com)

The Software Development Kit (SDK) is available online via Infineon Toolbox:

[www.infineon.com/infineontoolbox](http://www.infineon.com/infineontoolbox)

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