

# KIT\_AURIX\_TC237LP\_TRB

## Overview



### Description:

**Order Nr.:** KIT\_AURIX\_TC237LP\_TRB Price : 350,- EUR **Buy Online** (<http://www.ehitex.de/zubehoer/2505/dap-miniwigler-v3>)

### MCU Derivates:

**TC23xLP** (</cms/en/product/microcontroller/32-bit-tricore-tm-microcontroller/aurix-tm-family/aurix-tm-family-13-tc23xl/channel.html?channel=db3a304342c787030142dbf5292a1522>)

**CPU Clock:** 200 MHz

### Including:

- Evaluation Board (TriBoard)
- USB cable
- Power Supply
- Extension Board
- Free TriCore Entry Tool Chain
- Getting Started, first 3 Steps to
- Install the Tools
- Set up your Hardware
- Write and debug your first Program

### Multiple on-chip memories

- All embedded NVM and SRAM are ECC protected
- 2 Mbyte Program Flash Memory (PFLASH)
- 128 Kbyte Data Flash Memory (DFLASH) usable for EEPROM emulation
- 32 Kbyte Local Memory Unit(LMU)
- 512 Kbyte Memory EEPROM Emulation Memory (EMEM)
- Boot ROM (BROM)
- 184 Kbyte Data Scratch-Pad RAM (DSPR)
- 8 Kbyte Instruction Scratch-Pad RAM (PSPR)
- 8 Kbyte Instruction Cache (ICACHE)

### On Board Interfaces:

- Standard power connector
- Micro USB connector for ASC Interface (ASC0) and miniWiggler
- RJ45 connector for Ethernet
- 16-pin header for JTAG interface (OCDS)
- 10-pin header for DAP
- 10pin (2x5) Header for LIN Transceiver (LIN)
- 2 x 10pin (2x5) Header for CAN High Speed Transceiver (CAN0 and CAN1)
- 2 x 10pin (2x5) Header for FlexRay (ERAY-A and ERAY-B)
- Four 80-pin connectors (male) + four 80-pin connectors (female) with all I/O signals
- Optional ETK connector
- Optional 10pin (2x5) Socket for HSCT
- Aurora connector (only with Emulation Device)

**Package:**

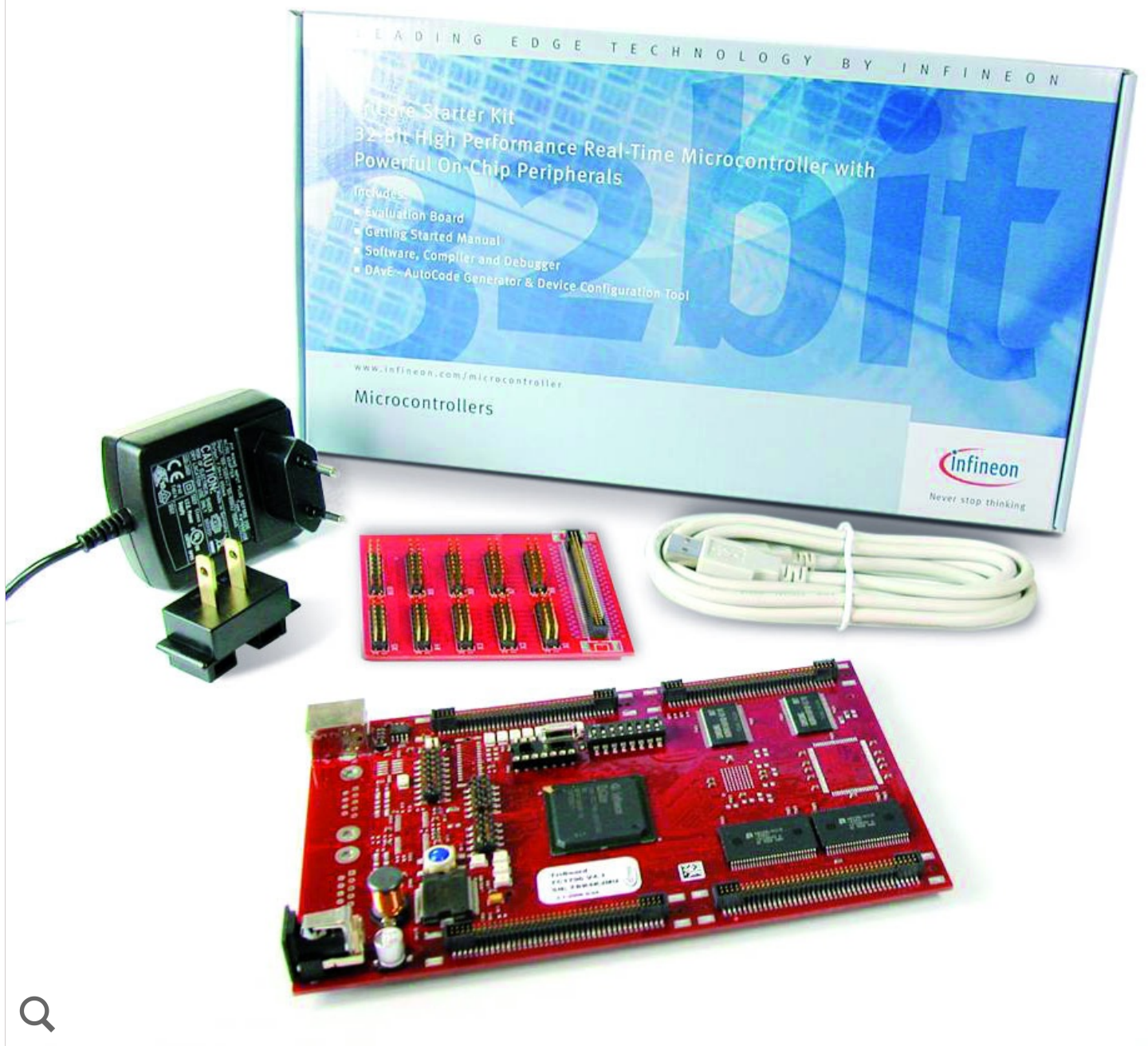
PG-LFBGA-292

**Target Applications:**

- **Camera** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/adas/multi-purpose-camera-configuration/>)
- **24GHz Radar** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/adas/short-range-radar/>)
- **77GHz Radar** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/adas/automotive-radar/>)
- Sensor fusion
- **Body control module** (<https://workspace.infineon.com/cms/en/applications/automotive/body-convenience/>)
- **Gateway** (<https://workspace.infineon.com/cms/en/applications/automotive/body-convenience/gateway/>)
- **Domain control** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/chassis-domain-controller/>)
- **Steering** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/eps/>)
- **Electric Brake Booster** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/electric-brake-booster/>)
- **Brake Vehicle Stability Control** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/braking-ecu-system/>)
- **Electric Parking Brake** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/electric-parking-brake/>)
- **Airbag** (<https://workspace.infineon.com/cms/en/applications/automotive/safety/airbag-restraint/>)

**Suspension**

- **control** ([/cms/system/workplace/editors/&amp;amp;amp;amp;amp;amp;amp;amp;quot;https://workspace.infineon.com/cms/en/ap](https://workspace.infineon.com/cms/en/ap))



## Parametrics



<b>Parametrics</b>	<b>KIT_AURIX_TC237LP_TRB</b>
Configuration	Free TriCore Entry Tool Chain Evaluation Board ; Extension Board ; Power Supply ; TC234L ; USB cable
Family	Microcontroller
Product Description	For evaluation of SAK-TC234LF including Getting Started, free Tricore Entry Tool Chain , technical documentation, compiler and debugger. USB cable for power supply and extension board.
Product Name	Starter Kit TC234
Target Application	Automotive
Type	Evaluation Board



<b>Sales Product Name</b>	KIT_AURIX_TC237LP_TRB
<b>OPN</b>	KIT_AURIX_TC237LP_TRB_T0B01
<b>Product Status</b>	on request
<b>Package name</b>	--
<b>Order online</b>	
<b>Completely lead free</b>	
<b>Halogen free</b>	
<b>RoHS compliant</b>	yes
<b>Packing Size</b>	
<b>Packing Type</b>	CONTAINER
<b>Moisture Level</b>	
<b>Moisture Packing</b>	DRY



Call us Toll Free  
免费热线联系我们



(/cms/en/about-infineon/company/contacts/service-center/)

Find an answer to your question

Technical Assistance Center (TAC)

Infineon welcomes your comments and questions.

If you have any questions concerning our products, please fill out the following form. Your inquiry will be sent to the appropriate specialist who will be in touch with you as soon as possible.

You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

First Name\*

Last Name\*

E-Mail\*

Phone

Company\*

Company website (URL)

Industry\*

[Please select]



[please select]

Other Industry

Country / Territory\*

[please select]

Preferred Distributor / Reseller\*

[please select]

Other Distributor / Reseller

Product Name\*

KIT\_AURIX\_TC237LP\_TRB

Estimated annual production volume (pieces) per year\*

[please select]

Please post your technical question as detailed as possible\*

I agree that my personal data can be gathered and processed by Infineon Technologies AG and its licensed partners.\*

I would like to receive newsletter informing me about Infineon products. (You can cancel the free subscription any time.)

For more information about our privacy policy please click on > [Privacy Policy \(/cms/en/about-infineon/privacy-policy/\)](/cms/en/about-infineon/privacy-policy/)



Submit    Reset

All fields marked with an asterisk (\*) are mandatory.

Support forum

In order to optimize your browsing experience Infineon uses cookies. You agree to the usage of cookies when you continue browsing this site. Please read our > [Privacy Policy \(/cms/en/about-infineon/privacy-policy/\)](/cms/en/about-infineon/privacy-policy/) for more information.

OK