



- Standard Global Shipping

> Home > Products > Evaluation Boards > KIT\_AURIX\_TC299\_E\_SRAM

# KIT\_AURIX\_TC299\_E\_SRAM

## Overview

Access to complete AURIX™ documentation!

## Parametrics

## Order

## Support

1. Please register under myinfineon.com with your company e-mail address
2. Send login name to: [AURIX@infineon.com](mailto:AURIX@infineon.com)
3. Automated update service will be provided for new documents once you are registered

## Overview

### More Information

## Parametrics

## Order

## Support

### Description:

**Order Nr.:** KIT\_AURIX\_TC299\_E\_SRAM **Price:**

**MCU Derivate:** [TC299T](#), [TC299TX](#)

## Overview

## Parametrics

## Order

## Support

**Package:** LFBGA-516

**CPU Clock:** 300 MHz

### Including:

- Evaluation Board (TriBoard)
- USB cable
- Power Supply
- Extension Board
- 16Mbyte external PSRAM
- Free TriCore Entry Tool Chain
- Getting Started, first 3 Steps to
- Install the Tools
- Set up your Hardware
- Write and debug your first Program

### 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)


**Target Applications:**

- Domain Control
- Advanced Drive Assistent Systems
- High end ESC
- Sensor fusion
- Engine Management Systems
- Transmission Control Units
- Inverter
- Battery Management Systems

## Parametrics

Parametrics	KIT_AURIX_TC299_E_SRAM
Configuration	SAK-TC299TX-128F300S BB ; SAK-TC299TY-128F300S BB
Family	Microcontroller
Product Name	Starter Kit TC299 with 16MB external SRAM
Target Application	Automotive
Type	Evaluation Board

## Order

Sales Product Name	KIT_AURIX_TC299_E_SRAM
<b>OPN</b>	KIT_AURIX_TC299_ESRAM_TOBO1
<b>Product Status</b>	active and preferred
<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

## Support

Live Chat Online  
在线支持



Technical Assistance Center  
技术支持中心 (TAC)



Call us Toll Free  
免费热线联系我们



Find an answer to your question

**Please state your question (with at least 3 words)**

**FAQ**

- [1. Radar chips \[CN\] \[DE\]](#)
- [2. Technical Support \[CN\] \[DE\]](#)
- [3. Distis for Security Solutions \[CN\] \[DE\]](#)
- [4. Product Counterfeit Step 1 \[CN\] \[DE\]](#)
- [5. Supplier Service, Supplier Page, page registration \[CN\] \[DE\]](#)
- [6. Green Products \[CN\] \[DE\]](#)

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*	<input type="text"/>
Last Name*	<input type="text"/>
E-Mail*	<input type="text"/>
Phone	<input type="text"/>
Company*	<input type="text"/>
Company website (URL)	<input type="text"/>
Industry*	<input type="text" value="[please select]"/>
Other Industry	<input type="text"/>
Country / Territory*	<input type="text" value="[please select]"/>
Preferred Distributor / Reseller*	<input type="text" value="[please select]"/>
Other Distributor / Reseller	<input type="text"/>
Product Name*	<input type="text" value="KIT_AURIX_TC299_E_SRAM"/>
Estimated annual production volume	<input type="text" value="[please select]"/>

(pieces) per year\*

Please post your technical question as detailed as possible\*

I agree to the processing of my personal data according to the [privacy policy](#).\*

I agree [Infineon](#) providing me newsletters and further marketing information about Infineon products, services & events by email and/or telephone and transmitting my data to its licensed [distributors](#) & [partners](#) exclusively for sales support purpose. I can withdraw my consent at any time.



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

## Support forum

### Microcontroller




















Please visit the Infineon forums: [www.infineonforums.com](http://www.infineonforums.com)

			Last Post
	<b>Microcontroller Forum</b> Microcontroller Forum	Threads: 2,981 Posts: 9,891	Gpio in irmcf188 ic by Himanshu Today, 02:18 AM
	<b>XMC Forum</b>	Threads: 2,128 Posts: 7,635	XMC1400 BOOT KIT... by pierre jo Today, 01:17 AM
	<b>XC800 Forum</b>	Threads: 74 Posts: 238	Sdcc 3.8.0 rc1 by spth Sep 17th, 2018, 12:51 PM
	<b>XE166/XC2000 Forum</b>	Threads: 169 Posts: 501	Boundary Scan file for... by mikemphan Yesterday, 01:19 PM
	<b>TriCore Forum</b>	Threads: 452 Posts: 1,192	AURIX TC27x Lockstep by bj86 Oct 5th, 2018, 01:36 AM
	<b>32-bit Embedded Power ICs based on ARM Cortex-M</b> Infineon Embedded Power ICs are specifically designed to enable mechatronic motor control solutions for a range of motor control applications, where a small package form factor and a minimum number of external components are essential. Our System-on-Chip solutions offer an unmatched level of integration of all functions required to sense, control and actuate a motor.	Threads: 33 Posts: 129	How to read CHIP_ID of TLE987x by jacko Yesterday, 06:45 PM

			Last Post
	<b>DAVE™ Forum</b> DAVE™ Forum	Threads: 1,442 Posts: 5,548	Infineon Distance2Go... by radaruser Yesterday, 01:43 AM

			Last Post
	<b>NovalithIC/TriliithIC</b> NovalithIC™/TriliithIC™ provides a complete low-ohmic-protected half-bridge/H-bridge in a single package. The product can be used as the interface between the microcontroller and the motor, equipped with diagnostic and protection	Threads: 5 Posts: 5	Product Infomation by Jing.N Jul 2nd, 2018, 08:33 AM

functions. Due to the flexibility of the concept, they can address both DC and BLDC motors.

	 <b>NovalithIC(Automotive)</b>		Threads: 2 Posts: 2	<a href="#">Frequently asked questions</a> by Jing.N Jul 2nd, 2018, 08:25 AM
	 <b>TrilithIC(Automotive)</b>		Threads: 2 Posts: 2	<a href="#">Frequently asked questions</a> by Jing.N Jul 2nd, 2018, 06:53 AM
	 <b>IFX007T(Industry)</b>		Threads: 1 Posts: 1	<a href="#">Product Infomation</a> by Jing.N Jul 2nd, 2018, 08:33 AM
				<b>Last Post</b>
	<b>POWER MOSFET</b> Infineon's whole range of power MOSFETs and systems enable innovation and performance in your application, like switch mode power supplies (SMPS), computing, motor control and drives, consumer, mobile devices, lighting solutions, automotive and more.		Threads: 91 Posts: 208	<a href="#">Alternative to AUIRS20302S...</a> by tiago.santos Sep 20th, 2018, 05:45 AM
				<b>Last Post</b>
	<b>Applications</b> Applications		Threads: 51 Posts: 136	<a href="#">IRMCK099M custom GPIO...</a> by Himanshu Today, 02:03 AM
	 <b>iMOTION™ MADK Platform</b> Complete and scalable system solution for motor drives. Get a Motor running in less than 1 hour with a compact and flexible 3-phase motor drive evaluation platform with controller & IPM, sensorless or optional with sensors.		Threads: 19 Posts: 45	<a href="#">IRMCK099M custom GPIO...</a> by Himanshu Today, 02:03 AM
	 <b>Multicopter</b>		Threads: 24	<a href="#">Cleanflight version of...</a>

Follow us



© 1999 - 2018 Infineon Technologies AG, 苏ICP备15016286号-1 |  苏公网安备 32021402001016号

[> Usage of this website is subject to our Usage Terms](#) [> Imprint](#) [> Contact](#) [> Privacy Policy](#) [> Glossary](#)

[> Switch to Mobile Version](#)

In order to optimize your browsing experience Infineon uses cookies. You agree to the usage of cookies when you continue browsing this site. For more information regarding cookies and the processing of your personal data please read our [> Privacy Policy](#).

OK