



SAK-TC275TP-64F200N DC

Overview

Parametrics

Parametrics	SAK-TC275TP-64F200N DC
A/D Input Lines	48
CAN Nodes	4
Clock Frequency max	200.0 MHz
DMA Channels	64
DSP Functionality	yes
EEPROM Emulation	yes
External Bus Interface	no
Fast Flash Programming	no
FlexRay™	yes
Floating Point Unit	yes
I/O Operation Voltages	3.3 V; 5.0 V
Instruction Set Architecture	TriCore™ v1.6P (32-bit); TriCore™ v1.6E (32-bit)
Instruction Width ([bits])	32/16
Number of ADC Modules	14.0
On-chip Clock Generation	yes
On-chip Voltage Regulator	yes
Oscillator Watchdog	yes





- > Home (/cms/en/) → Products (/cms/en/product/) → Microcontroller (/cms/en/product/microcontroller/)
- > 32-bit Tricore™ Microcontroller (/cms/en/product/microcontroller/32-bit-tricore-microcontroller/)
- > AURIX™ – Safety joins Performance (/cms/en/product/microcontroller/32-bit-tricore-microcontroller/aurix-safety-joins-performance/)
- > Watchdog Timer yes
- > AURIX™ Family – TC27xT (/cms/en/product/microcontroller/32-bit-tricore-microcontroller/aurix-safety-joins-performance/aurix-family-tc27xt/)

Order

Sales Product Name	SAK-TC275TP-64F200N DC
OPN	TC275TP64F200NDCKXUMA1
Product Status	active and preferred
Package name	PG-LQFP-176 (/cms/en/product/packages/PG-LQFP/PG-LQFP-176-22/)
Order online	
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	500
Packing Type	TAPE & REEL
Moisture Level	
Moisture Packing	DRY

Boards

Image	Board ▼▲	Family ▼▲	Description ▼▲	Status ▼▲

Image				
	KIT_AURIX_TC275_TRB (/cms/en/product/evaluation-boards/kit_aurix_tc275_trb/)	Microcontroller	For evaluation of SAK-TC275T including Getting Started, free Tricore Entry Tool Chain , technical documentation, compiler and debugger. USB cable for power supply and extension board. <ul style="list-style-type: none"> • TC275T 	coming soon
	KIT_AURIX_TC277_TFT (/cms/en/product/evaluation-boards/kit_aurix_tc277_tft/)	Microcontroller	<ul style="list-style-type: none"> • SAK- TC277TP-64F200S 	active and preferred
	KIT_AURIX_TC277_TRB (/cms/en/product/evaluation-boards/kit_aurix_tc277_trb/)	Microcontroller	For evaluation of SAK-TC277T including Getting Started, free Tricore Entry Tool Chain , technical documentation, compiler and debugger. USB cable for power supply and extension board. <ul style="list-style-type: none"> • TC277T 	coming soon
	KIT_AURIX_TFT_MC_EXT (/cms/en/product/evaluation-boards/kit_aurix_tft_mc_ext/)	Microcontroller	An extension board to the Aurix TFT Application Kit allowing to control up to 4 uni and bi-directional Brushed DC Motors together with the high current half bridge BTN8982 Novalithic <ul style="list-style-type: none"> • TC2xx, BTN8982 	active and preferred

Support

Live Chat Online 在线支持



Technical Assistance Center 技术支持中心 (TAC)



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

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. Digital Application Engineer \(DAvE >= Version 3\) \[CN\] \[DE\]](#)
- [2. Digital Application Engineer \(DAvE 4\) \[CN\] \[DE\]](#)
- [3. Technical Support \[CN\] \[DE\]](#)
- [4. Chip Card and Security Distis \[CN\] \[DE\]](#)
- [5. HiRel Discretes for special applications, e.g. Aero and Space \[CN\] \[DE\]](#)
- [6. Supplier Service, Supplier Page, page registration \[CN\] \[DE\]](#)

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*

Last Name*

E-Mail*

Phone

Company*

Company website (URL)

Industry*

Other Industry

Country*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

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/)



Submit Reset

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

Support forum