



# SAK-TC212L-8F133F AC

Overview

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## Parametrics

Parametrics	SAK-TC212L-8F133F AC
A/D Input Lines (incl. FADC)	14
CAN Nodes	3
Clock Frequency <b>max</b>	133.0 MHz
DMA Channels	16
DSP Functionality	yes
External Bus Interface	no
Fast Flash Programming	no
Floating Point Unit	yes
I/O Operation Voltages	3.3 V
Instruction Set Architecture	TriCore™ v1.6E (32-bit)
Instruction Width ([bits])	32/16
Number of ADC Modules	2.0
On-chip Clock Generation	yes
On-chip Voltage Regulator	yes
Oscillator Watchdog	yes
Program Memory	0.5 MByte
Real Time Clock	yes
SRAM (incl. Cache)	56.0 kByte
Temperature	-40°C - +125 °C
Touch/LED Matrix Control	no

Parametrics	SAK-TC212L-8F133F AC
Type of Memory	Flash
Watchdog Timer	yes

## Documents

[+ Expand all](#)

[+ Application Notes](#)

[+ Product Selection Guide](#)


[+ Presentations](#)

## Order

Sales Product Name	SAK-TC212L-8F133F AC
OPN	TC212L8F133FACKXUMA1
Product Status	active and preferred
Package name	<b>PG-TQFP-80</b>
Order online	
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	1800
Packing Type	TAPE & REEL
Moisture Level	3
Moisture Packing	DRY

## Boards

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

Image	Board ▼▲	Family ▼▲	Description ▼▲	Status ▼▲
	<a href="#">KIT_AURIX_TFT_MC_EXT</a>	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"> <li>TC2xx, BTN8982</li> </ul>	active and preferred

## Support

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Technical Assistance Center  
技术支持中心 (TAC)



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

### FAQ

[1. Digital Application Engineer \(DAVE2\) \[CNI\] IDEI](#)

### 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\*

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### Microcontroller

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