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- > SAK-TC233LP-32F200N AC

Overview

Parametrics

Parametrics	SAK-TC233LP-32F200N AC
A/D Input Lines	24
A/D Input Lines (incl. FADC)	24
CAN Nodes	6
Clock Frequency max	200.0 MHz
DMA Channels	16
DSP Functionality	yes
External Bus Interface	no
Fast Flash Programming	no
FlexRay™	yes
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

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Parametrics	SAK-TC233LP-32F200N AC
Program Memory	2.0 MByte
Real Time Clock	yes
SRAM (incl. Cache)	192.0 kByte
Temperature	-40°C - +125 °C
Touch/LED Matrix Control	no
Type of Memory	Flash
Watchdog Timer	yes

Order

Sales Product Name	SAK-TC233LP-32F200N AC
OPN	TC233LP32F200NACKXUMA1
Product Status	active and preferred
Package name	PG-TQFP-100 (/cms/en/product/packages/PG-TQFP/PG-TQFP-100-23/)
Order online	
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	1000
Packing Type	TAPE & REEL
Moisture Level	
Moisture Packing	DRY

Boards

5 out of 7 boards

Image	Board	▼▲ Family	▼▲ Description	▼▲ Status ▼▲
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Image				
	<p>KIT_AURIX_TC233LP_S_TRB (/cms/en/product/evaluation-boards/kit_aurix_tc233lp_s_trb/)</p>	<p>Microcontroller</p>	<p>For evaluation of SAK-TC233L including Getting Started, free Tricore Entry Tool Chain , technical documentation, compiler and debugger. USB cable for power supply and extension board.</p> <ul style="list-style-type: none"> • Evaluation Board • Extension Board • Free TriCore Entry Tool Chain • Power Supply • TC233L • USB cable 	<p>on request</p>
	<p>KIT_AURIX_TC233LP_TRB (/cms/en/product/evaluation-boards/kit_aurix_tc233lp_trb/)</p>	<p>Microcontroller</p>	<p>For evaluation of SAK-TC233LF including Getting Started, free Tricore Entry Tool Chain , technical documentation, compiler and debugger. USB cable for power supply and extension board.</p> <ul style="list-style-type: none"> • Evaluation Board • Extension Board • Free TriCore Entry Tool Chain • Power Supply • TC233L • USB cable 	<p>on request</p>

Image				
	KIT_AURIX_TC234_MOTORCTR (/cms/en/product/evaluation-boards/kit_aurix_tc234_motorctr/)	Microcontroller	With the Application Kit TC2x4, TC2x5 or TC2x7 it allows to drive a 3 Phase brushless motor. Applications can be developed easily. The eMotor Drive Kit is equipped with a variety of interfaces for position detection and current measurement. Additionally a driver IC (TLE9180) and a complete B6 bridge driver allow spinning a motor up to 50Watt. <ul style="list-style-type: none"> • AURIX™ 	active and preferred
	KIT_AURIX_TC234_TFT (/cms/en/product/evaluation-boards/kit_aurix_tc234_tft/)	Microcontroller	Low-cost and flexible application development platform for the 32-bit AURIX™ multi-core TriCore™ family. <ul style="list-style-type: none"> • SAK-TC234LP-32F200F 	on request
	KIT_AURIX_TC234LP_TRB (/cms/en/product/evaluation-boards/kit_aurix_tc234lp_trb/)	Microcontroller	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. <ul style="list-style-type: none"> • Evaluation Board • Extension Board • Free TriCore Entry Tool Chain • Power Supply • TC234L • USB cable 	on request

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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*

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