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SAK-TC275T-64F200N DC

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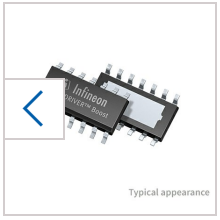
Designers who used this product also designed with



1EBN1001AE | Gate Driver ICs



SAL-XC866L-4FRA 3V BE | XC800-150°C Series



BSZ15DC02KD H | 20V-60V Complementary MOSFET

Parametrics

Parametrics	SAK-TC275T-64F200N DC
A/D Input Lines	48
Budgetary Price €/1k	13.3
CAN Nodes	4
Clock Frequency **max**	200.0 MHz
DMA Channels	64
DSP Functionality	yes
EEPROM Emulation	yes
External Bus Interface	no

Parametrics	SAK-TC275T-64F200N DC
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
Program Memory	4.0 MByte
Real Time Clock	yes
SRAM (incl. Cache)	472.0 kByte
Temperature	-40°C – +125°C
Touch/LED Matrix Control	no
Type of Memory	Flash
Watchdog Timer	yes

Documents

+ Expand all

+ Application Notes

+ Product Selection Guide

Order

Sales Product Name	SAK-TC275T-64F200N DC
OPN	TC275T64F200NDCKXUMA1
Product Status	active and preferred
Package name	**PG-LQFP-176**
Order online	
Completely lead free	yes

Sales Product Name	SAK-TC275T-64F200N DC
Halogen free	yes
RoHS compliant	yes
Packing Size	500
Packing Type	TAPE & REEL
Moisture Level	3
Moisture Packing	DRY

Boards

Image	Board	Family	Description	Status
	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. • TC275T	active and preferred
	KIT_AURIX_TC277_TFT	Microcontroller	• SAK- TC277TP-64F200S	active and preferred
	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. • TC277T	active and preferred
	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 • TC2xx, BTN8982	active and preferred
	KIT_MINIWIGGLER_3_USB	Microcontroller	High-Performance and Cost-Effective interface to the 10-pin DAP and 20-pin Automotive JTAG	active and preferred

Image	Board	Family	Description	Status
			connector	

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Last Name*	
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Phone	
Company*	
Company website (URL)	
Industry*	[please select]
Other Industry	
Country / Territory*	[please select]
Preferred Distributor / Reseller*	[please select]
Other Distributor / Reseller	

Product Name* SAK-TC275T-64F200N DC

Estimated annual production volume (pieces) per year* [please select]

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