

SAK-TC297TP-128F300N BC

Overview

Parametrics

Order

Boards

Support

Parametrics

Parametrics	SAK-TC297TP-128F300N BC
A/D Input Lines	60
Additional Features	Hardware Security Module; Ethernet
CAN Nodes	6
Clock Frequency max	300.0 MHz
DMA Channels	128
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)
Instruction Width ([bits])	32/16
Number of ADC Modules	21.0
On-chip Clock Generation	yes

Parametrics	SAK-TC297TP-128F300N BC
On-chip Voltage Regulator	yes
Oscillator Watchdog	yes
Program Memory	8.0 MByte
Real Time Clock	yes
SRAM (incl. Cache)	728.0 kByte
Temperature	-40°C – +125°C
Touch/LED Matrix Control	no
Type of Memory	Flash
Watchdog Timer	yes

Order

Sales Product Name	SAK-TC297TP-128F300N BC
OPN	TC297TP128F300NBCKXUMA1
Product Status	active and preferred
Package name	PG-LFBGA-292
Order online	
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	1000
Packing Type	TAPE & REEL
Moisture Level	
Moisture Packing	DRY