



SAL-TC299TP-128F300N BC

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Parametrics

Parametrics	SAL-TC299TP-128F300N BC
A/D Input Lines	84
Additional Features	Hardware Security Module Ethernet ; Safety IO Monitor
CAN Nodes	6
Clock Frequency max	300.0 MHz
DMA Channels	128
DSP Functionality	yes

Parametrics	SAL-TC299TP-128F300N BC
EEPROM Emulation	yes
External Bus Interface	1
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
On-chip Voltage Regulator	yes
Oscillator Watchdog	yes
Program Memory	8.0 MByte
Real Time Clock	yes

Parametrics	SAL-TC299TP-128F300N BC
SRAM (incl. Cache)	728.0 kByte
Temperature	-40°C – +150°C
Touch/LED Matrix Control	no
Type of Memory	Flash
Watchdog Timer	yes

Documents

[Application Notes](#)

- [An introduction to MTV Multi-Core Debug Solution \(MCDS\) Trace ViewerEN](#)

01_00 | 2018-04-03 | pdf | 1.1 MB

- [EMC and System-ESD Design Guidelines for Board LayoutEN](#)

01_00 | 2018-03-15 | pdf | 3 MB

[Material Content Sheet](#) Info

- [MCDS 2018-01-19 14-34-24 MA001648352 PG-LFBGA-516-5EN](#)

01_00 | 2018-01-30 | pdf | 28 KB

[Product Selection Guide](#)

- [Power and Sensing Selection Guide 2018EN](#)

00_00 | 2018-02-19 | pdf | 23.9 MB

[Presentations](#)

- [Microcontroller Pocket GuideEN](#)

01_00 | 2018-02-22 | pdf | 2.6 MB

Order

Sales Product Name	SAL-TC299TP-128F300N BC
OPN	TC299TP128F300NBCLXUMA1
Product Status	active and preferred
Package name	PG-LFBGA-516
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	500
Packing Type	TAPE & REEL
Moisture Level	
Moisture Packing	DRY