



# SAK-TC234LP-32F200N AC

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## Parametrics

Parametrics	SAK-TC234LP-32F200N AC
A/D Input Lines	24
A/D Input Lines (incl. FADC)	24
CAN Nodes	6
Clock Frequency <b>max</b>	200.0 MHz
DMA Channels	16
DSP Functionality	yes
External Bus Interface	no
Fast Flash Programming	no
FlexRay™	yes

Parametrics	SAK-TC234LP-32F200N AC
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	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

## Documents

### [Application Notes](#)

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

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

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- [EMC and System-ESD Design Guidelines for Board LayoutEN](#)
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01\_00 | 2018-03-15 | pdf | 3 MB

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## **Material Content Sheet** *Info*

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- [MCDS 2018-01-19 11-59-49 MA001654634 PG-TQFP-144-27EN](#)
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01\_00 | 2018-01-30 | pdf | 28 KB

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## **Product Selection Guide**

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- [Power and Sensing Selection Guide 2018EN](#)
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00\_00 | 2018-02-19 | pdf | 23.9 MB

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## **Presentations**

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- [Microcontroller Pocket GuideEN](#)
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01\_00 | 2018-02-22 | pdf | 2.6 MB

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# Order

<b>Sales Product Name</b>	SAK-TC234LP-32F200N AC
<b>OPN</b>	TC234LP32F200NACKXUMA1
<b>Product Status</b>	active and preferred
<b>Package name</b>	<a href="#">PG-TQFP-144</a>
<b>Completely lead free</b>	yes
<b>Halogen free</b>	yes

<b>Sales Product Name</b>	<b>SAK-TC234LP-32F200N AC</b>
<b>RoHS compliant</b>	yes
<b>Packing Size</b>	1000
<b>Packing Type</b>	TAPE & REEL
<b>Moisture Level</b>	
<b>Moisture Packing</b>	DRY