



SAK-TC237LP-32F200N AC

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Parametrics

| Parametrics | SAK-TC237LP-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 |

| Parametrics | SAK-TC237LP-32F200N AC |
|------------------------------|-------------------------|
| 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 |
| Program Memory | 2.0 MByte |
| Real Time Clock | yes |
| SRAM (incl. Cache) | 192.0 kByte |

| | |
|--------------------------|------------------------|
| Parametrics | SAK-TC237LP-32F200N AC |
| Temperature | -40°C - +125 °C |
| Touch/LED Matrix Control | no |
| Type of Memory | Flash |
| Watchdog Timer | yes |
| Parametrics | SAK-TC237LP-32F200N AC |

Documents

Collapse all

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 2018-01-23 09-00-30 MA001654636 PG-LFBGA-292-6EN](#)

01_00 | 2018-02-05 | 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 | SAK-TC237LP-32F200N AC |
| OPN | TC237LP32F200NACKXUMA1 |
| Product Status | active and preferred |
| Package name | PG-LFBGA-292 |
| Completely lead free | yes |
| Halogen free | yes |
| RoHS compliant | yes |
| Packing Size | 1000 |
| Packing Type | TAPE & REEL |
| Moisture Level | |
| Moisture Packing | DRY |