# Factsheet

# StackAnalyzer for C28x

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AbsInt

StackAnalyzer automatically determines the worst-case stack usage of the tasks in your application. The analysis results of the analyzed binary executable are shown as annotations in the call graph and control flow graph.

## Key benefits

- Detailed and precise information on stack usage by application tasks.
- Stack analysis for all hierarchy levels: routines, basic blocks, assembly instructions.
- Freely selectable entry points for the analysis.
- Easy recognition of critical program sections thanks to customizable color coding.
- Fully integrated, feature-rich graphical and textual viewers for control flow, analysis results, source code, assembly code, and configuration files.
- Seamless integration with other analysis tools from AbsInt in an intuitive user interface.

## Supported compilers

- Texas Instruments C/C++ compiler

## Supported architecture variants and extensions

- Generic TMS320F28x
- TMS320F2801x
- TMS320F2802
- TMS320F2806
- TMS320F2808
- TMS320F2809
- TMS320F2810
- TMS320F2811
- TMS320F2812
- TMS320F28035
- TMS320F28335
- TMS320F28069

## System requirements

- Windows: x86-64 Windows 10 or newer
- Linux: x86-64 CentOS/RHEL 7 or compatible
- 4 GB of RAM (16 GB recommended)
- 4 GB of disk space

## Also available

The following AbsInt products are also available for this target:

- aiT
- TimingProfiler
- ValueAnalyzer

## More information

- Visit our website: www.absint.com
- Speak with a product specialist:
  call +49 681 383 600

### About AbsInt

AbsInt provides advanced development tools for embedded systems, and tools for analysis, optimization and verification of safety-critical software. Our customers are located in more than 40 countries worldwide. We have distribution agreements with major software distributors in Asia, North America, Middle East, and throughout Europe.

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