

embedded world 2014
Exhibition & Conference

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THE OFFICIAL DAILY 2014

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Elektronik
Fachprogramm für Industrie-Anwender und Entwickler

Markt & Technik
DIE UNVERÄNDERLICHE WIRTSCHAFTSZEITUNG FÜR ELEKTRONIK

DESIGN & ELEKTRONIK
KNOW-HOW FÜR ENTWICKLER

COMPUTER & AUTOMATION
Fachprogramm der Automatisierungstechnik

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DAY 1

Dienstag, 25. Februar 2014

Software certification

Qualification kit for Testwell CTC++

Verifysoft Technology presents a qualification kit for the Code Coverage Analyser Testwell CTC++, covering the safety standards DO-178C, EN 50128, IEC 61508, and ISO 26262. The qualification kit simplifies the certification of embedded software, which has been analyzed with Testwell CTC++. This Test Coverage Analyser shows all coverage levels up to MC/DC Coverage and Modified Condition Coverage. Testwell CTC++ works with all compilers and all – even the smallest – embedded targets and microcontrollers.

Verifysoft Technology
Hall 4, Booth 322

CTC++ Coverage Report - Execution Profile

File: /calc.c
Testrun/execution mode: function-decision-multicondition
TER: 82 % (14 / 17)

Start/ End/	True	False	Line	Source
1			1	FileOpen
2			2	FileClose
3			3	FileRead
4			4	FileWrite
5			5	FileClose
6			6	FileRead
7			7	FileWrite
8			8	FileClose
9			9	FileRead
10			10	FileWrite
11			11	FileClose
12			12	FileRead
13			13	FileWrite
14			14	FileClose
15			15	FileRead
16			16	FileWrite
17			17	FileClose

***TER 82% (14/17) of SOURCE FILE calc.c