

# C2000™ Safety Package for Automotive and Industrial Real-Time Microcontrollers



## C2000 Microcontrollers

### ABSTRACT

Thank you for your interest in C2000™ Safety collateral.

The following information for C2000 Safety MCUs is available publicly:

- For C2000 Safety Quality Manager (QM) MCUs
  - TMS320F2833x, TMS320F2823x, TMS320F2806x, TMS320F2805x, TMS320F2803x and TMS320F2802x
  - [C2000 Safety 60730 Software Package](#)
  - [Functional Safety Manual](#) for C2000 Safety QM MCUs
- For C2000 Safety Automotive and Industrial MCUs:
  - C2000 Diagnostic Software Library for TMS320F2837xD, TMS320F2837xS, TMS320F2807x: [C2000 Diagnostic Software Library](#)
  - C2000 Diagnostic Software Library for TMS320F28004x, TMS320F28002x: [C2000Ware](#)
  - [Safety Manual for TMS320F2837xD/S and TMS320F2807x](#)
  - [Safety Manual for TMS320F28004x](#)

Follow this process to access non-public safety information such as; Self-Test Library, Failure Modes, Effects, and Diagnostics Analysis (FMEDA), including tools for estimating module and device level failure rates (FIT), calculating ISO 26262 and IEC 61508 safety metrics, and training:

1. Contact your local TI Sales Person to request access to the:
  - a. C2000 Safety Package for QM MCUs
  - b. C2000 Safety Package for Automotive and Industrial MCUs
  - c. Functional Safety Self-Test Library for TMS320F28004x
2. If approved, they will provide you with a request URL:
  - a. Log-in with your my.ti.com user ID and password and fill-out the form.
  - b. If accepted, you will receive an email with download instructions.
3. All questions related to the C2000 Safety collateral can be posted on the [C2000 E2E forum](#).

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## 1 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

<b>Changes from Revision B (November 2018) to Revision C (November 2020)</b>	<b>Page</b>
• Updated the numbering format for tables, figures and cross-references throughout the document.....	<a href="#">1</a>

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