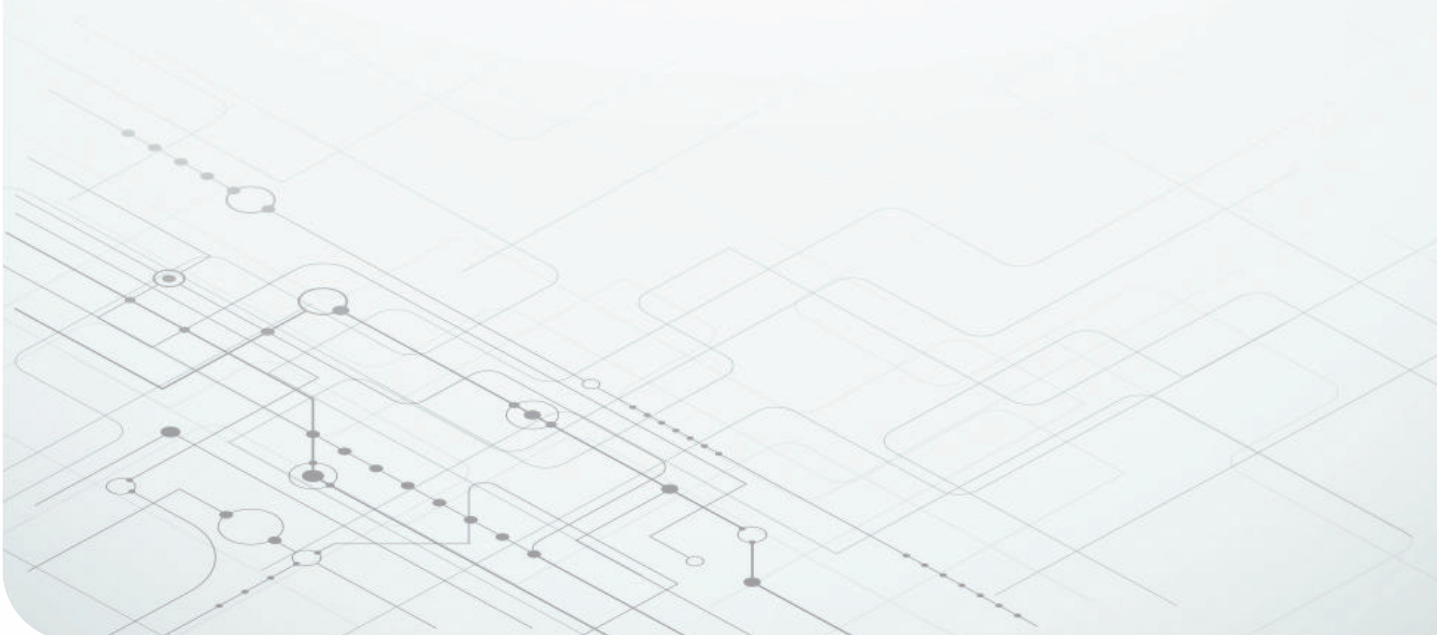


# Radar Functional Safety Enablers

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# Leverage our diagnostic software library, compiler qualification kits, third-party operating systems and development tools, and additional documentation to help your system-level certification efforts.

Certifications and Assessments	Products	Description	Action
TÜV-SÜD certificate for functional safety development	<a href="#">IWR6843</a> <a href="#">AWR6843</a> <a href="#">AWR2243</a> <a href="#">AWR6443</a>	Functional safety compliant certificate for IEC 61508 hardware component	<a href="#">IWR6843 TUV</a> <a href="#">AWR6843 TUV</a> <a href="#">AWR2243 TUV</a>
TÜV-SÜD assessment	<a href="#">IWR6843</a> <a href="#">AWR6843</a> <a href="#">AWR2243</a> <a href="#">AWR6443</a>	TÜV-SÜD technical report demonstrating compliance to ASIL B/SIL 2	For instructions to access the safety package, click <a href="#">Steps to get my secure access for customers.</a>
Functional safety manuals and analysis reports	Products	Description	Action
Functional safety manual for mmWave automotive and industrial products	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	Provides information to aid customers in designing systems in compliance with ISO 26262 or IEC 61508 functional safety standards	For instructions to access the safety package, click <a href="#">Steps to get my secure access for customers.</a>
FMEDA for mmWave automotive and industrial products	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	Detailed, quantitative FMEDA for mmWave automotive and industrial products	For instructions to access the safety package, click <a href="#">Steps to get my secure access for customers.</a>
Software	Products	Description	Action
Functional Safety Diagnostic Software Library (SDL)	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	Functional Safety Diagnostic Software Library with compliance support package	For instructions to access the safety package, click <a href="#">Steps to get my secure access for customers.</a>
Safety Compiler Qualification Kit	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	Functional Safety Diagnostic Software Library with compliance support package	<a href="#">View</a>
Technical article	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	TI mmWave functional safety overview	<a href="#">View</a>

Certifications and Assessments	Products	Description	Action
Functional safety monitoring application note	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	Analog monitoring	For instructions to access the safety package, click <a href="#">Steps to get my secure access for customers</a> .
Website	<a href="#">AWR1843</a> <a href="#">AWR1642</a> <a href="#">AWR6843</a> <a href="#">AWR1243</a> <a href="#">AWR2243</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	TI mmWave functional safety information	<a href="#">View</a>
Reference design	<a href="#">AWR1843</a> <a href="#">AWR6843</a> <a href="#">IWR6843</a> <a href="#">AWR6443</a>	mmWave Diagnostics and Monitoring Reference Design	<a href="#">View</a>

## TI mmWave functional safety package for automotive and industrial applications

- 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 (Safety Manual).
- Software Diagnostic Libraries.
- Training.

### Steps to get my secure access for customers

1. Contact your local TI sales representative to get a safety NDA signed with TI.
2. If approved, share the email address of engineers who need access to the safety documents with your sales person. Engineers must create a myTI account at [TI.com](#) using their official e-mail address (personal e-mail not allowed).
3. TI safety manager grants access to the requested customer and device that will trigger an e-mail with the download link.
4. Customer receives an automated email whenever there is an update to the Safety Manual/FMEDA.

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