

STM8A-SafeASIL

Safety design package for STM8AF MCUs



Dramatically reduce time and cost to build STM8AF-based systems certified to ISO 26262 Functional Safety standard.

ISO 26262 provides a standard about functional safety management for automotive applications and includes an Automotive Safety Integrity Level (ASIL) classification representative to automotive application safety risk management requirement. Compliance to the ISO 26262 standard has become a must in automotive applications. ST offers STM8A-SafeASIL, a flexible design support package that streamlines certification of safety-critical systems featuring STM8AF microcontrollers.

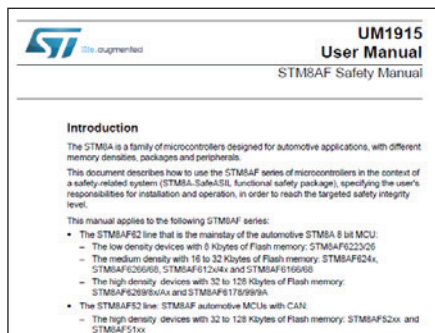
WHY CHOOSE STM8A-SafeASIL?

- Design your certified safety-critical system using a cost sensitive STM8AF microcontroller, in order to achieve ASIL A or B certification
- Develop your own self-test library with the STM8AF safety manual. It can be downloaded at no charge from www.st.com/stm8safety



STM8A safety manual

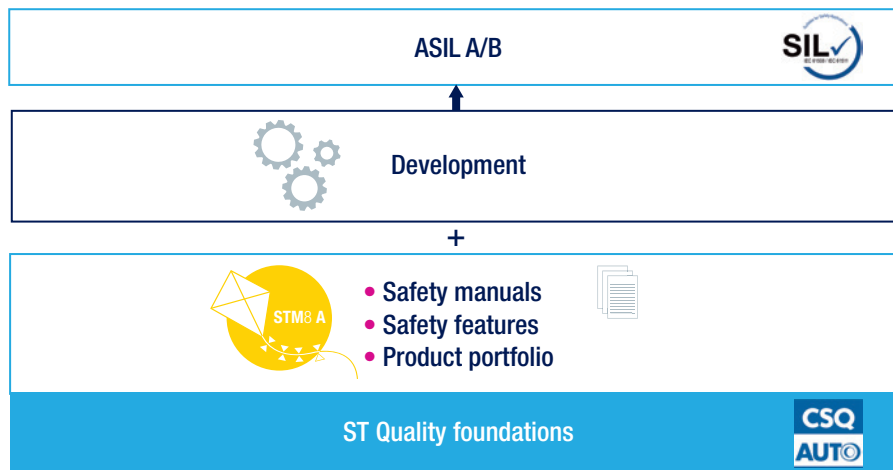
- List of safety requirements
- Instructions to achieve ASIL A/B
- Safety documentation (detailed list of failures, FMEDA snapshot)
- Available for free download on www.st.com/stm8safety



STM8A-SafeASIL foundations

STM8A-SafeASIL is based on ST Quality Foundations, STM8AF product portfolio and STM8AF embedded safety features.

Achieve ASIL A/B with STM8AF



STM8AF Portfolio

Flash memory / RAM size (bytes)

