



RECOME

Reliability of Electronic
COmponents for MEdical devices

Index 1 - Updated 06/09/2022

RECOME PROJECT... TOWARDS A MEDICAL GRADE FOR ELECTRONIC COMPONENTS

Project co-sponsors



TAME-COMPONENT
TAMECOMPONENT

Relevant stakeholders

- Medical devices manufacturers
- Electronic Manufacturers (EMS)
- Electronic design offices
- Electronic component distributors
- Electronic component manufacturers
- Academic institutions...

Objectives

CREATING A DATABASE OF QUALIFIED COMPONENT BATCHES

- Access to a database of components that have already been tested.
- Time savings for new players in the medical field, especially for AIMDs.
- No need to create a "Preferred Part List".

WRITING OF A STANDARD

- A standard that can be used by medical device manufacturers from startups to major players.
- A standard that increases the reliability of electronic medical devices (MD).
- A standard usable by component testing laboratories.
- French recognition, then evolution towards Europe and international.

DISTRIBUTION OF QUALIFIED COMPONENT BATCHES

- Medical device manufacturers can purchase batches of tested components directly according to their needs.
- Startups can complete pre-production runs with reduced lead times if most of their components are already tested.

CREATING VALUE

- Accelerating development
- Accelerating qualification
- Minimizing risks
- Minimizing costs



RECOME AIMS TO GET THE DESIGN AND MANUFACTURING OF MEDICAL DEVICES MORE RELIABLE
BY SECURING THEIR ELECTRONIC COMPONENTS

RECOME through a medical device lifecycle

Development	Design Validation	Industrialization	Reliability	Production	Maintenance, Repair and Overhaul (MRO)
Testing strategy Design for Test Choice of components	Validation testing New components qualification	Testing strategy Design for Test	Development, deployment of burn-in & Environmental Stress Screening Predictive reliability estimation	Development and deployment of testing means Qualification of component batches	Maintenance of test benches Hard & software update Obsolescence Management

A STANDARD IS THE NECESSARY TOOL

Joining the RECOME Club

Why?

- Gaining access to in-depth content on the medical grade and being up-to-date on the project progress
- Taking into account Medical Devices (MD) manufacturers' issues
- Helping you find the right partners in a dedicated network
- Linking MD manufacturers and electronic component manufacturers
- Taking advantage of a discussion forum and articles with shared content on a dedicated Community platform
- Taking part of future events within the Club.



- ### How?
- Sign in on one click: www.recome.org
 - Applications are submitted to approval by the project co-sponsors
 - Membership is free of charge
 - Follow the news on our LinkedIn page: #RECOMProject

The project supporters

