



Reliability Evaluation of Emerging NVMs

Task Manager: Choon Lee (JPL)

Objective

- Study and document inherent reliability issues at the device physics level and integration challenges for each emerging NVM technology
- Design experiments for the verification of reliability issues critical to the long duration NASA missions
- Acquire NVM chips from the industry collaborators and test them according to the new constructed reliability experiments in order to test various issues for each technology

Deliverables

- Document the reliability test results for different technologies
- Generate specifications and guidelines for the application of each technology

Participating Centers

- Ashok Shama (GSFC)