

Features:

The final product delivered by Team Valence consists of the following features:

- Small test unit for ease of portability.
- Ability to power the circuit via 9V battery or AC Power Supply.
- Robust testing options for hard failures of single bit locations.
- User friendly GUI between the test unit and computer.
- Single bank selection for quick response and analysis of test data.
- Graphical representation of the memory array.
- Voltage and current measurements of SDRAM inputs are displayed to the user via GUI.
- Compatibility with Microsoft Windows 2000 platform systems.
- Fast data transfer via USB connection from PC to test unit.
- All tested data is written to a file for analysis.
- Failed bit patterns are displayed in text on the GUI.
- Low cost of final product within required budget specified by Micron.