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| Hardware Tests | | |
| Test Name Tool Description | | |
| Visual Inspection |  | Double check schematics and connections to ensure connections are correct |
| Continuity Test | Volt meter | Test all added connections for continuity |
| Power Test | Volt meter | Test for power to device |
| Component Tests | Select appropriate | Test every component by either applying power or measuring independent form microcontroller |
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| Software Tests | | | |
| Test Name Input Desired Output Description | | | |
| Test\_config | Void | True | Every header file shall have a test\_config() function that tests the initializationn (of registers etc.) |
| Test\_devices | Void | Visual | Turn on all devices to known values and see that they work properly |
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