



# Hardware Requirements Document

for the

<Program Name>

Document No: <Doc Number>

Revision: -

\_\_\_\_\_  
<Name>, Program Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
<Name>, Technical Project Lead

\_\_\_\_\_  
Date

\_\_\_\_\_  
<Name>, Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
<Name>, Quality Engineer

\_\_\_\_\_  
Date

**Notice**

This document and the information contained herein are the property of <Company Name>. Any reproduction, disclosure or use thereof is prohibited except as authorized in writing by <Company Name>. Recipient accepts the responsibility for maintaining the confidentiality of the contents of this document.



## Table of Contents

Section	Page
<b>1.0 INTRODUCTION</b> .....	<b>4</b>
1.1 Purpose.....	4
1.2 Scope .....	4
1.3 Acronyms and Abbreviations .....	5
1.4 Applicable Documents .....	6
1.4.1 <i>External Documents</i> .....	6
1.4.2 <i>Internal Documents</i> .....	6
<b>2.0 HARDWARE OVERVIEW</b> .....	<b>7</b>
2.1 Allocation of Requirements.....	7
2.2 Modes of Operation.....	7
2.3 Performance Criteria .....	7
2.4 Timing Requirements and Constraints.....	7
2.5 Memory Size Constraints .....	7
2.6 Hardware and Hardware Interfaces .....	7
2.7 Failure Detection and Safety monitoring.....	7
2.8 Partitioning Requirements Allocated to Hardware.....	7
<b>3.0 HARDWARE REQUIREMENTS IDENTIFICATION</b> .....	<b>8</b>
<b>4.0 REQUIREMENTS TRACEABILITY MATRIX</b> .....	<b>10</b>