

<i>Market Driven Quality</i>	1
<i>Approach to Product Quality and Reliability</i>	2
<i>Reliability Qualification Policy</i>	
Reliability Concepts	3
<i>Failure Rates and Units of Measurement</i>	3
<i>Failure Model</i>	3
<i>Accelerated Testing</i>	4
Product Management Policy	6
Reliability Qualification Policy	6
<i>Qualification Categories</i>	7
<i>Qualification Requirements</i>	8
<i>Stress Tests for Reliability Evaluation</i>	8
Reliability Monitor Program	12
<i>Device Analysis</i>	15
<i>World Class Supplier</i>	16
<i>Manufacturing Control and Continuous Improvement</i>	17
Statistical Process Control in AMD's Wafer Fabrication Division	17
Statistical Process Control in AMD's Manufacturing Services Division	21
<i>Quality Conformance Testing</i>	24
Quality Systems Audit Group	24
Excelsior Testing	24
<i>Customer Corrective Action Request</i>	25
<i>Document Control</i>	25
<i>The Estimation of Field Reliability—Appendix</i>	26
A General Reliability Model	26
Failure Distributions	26
<i>Calculations of Failure Rates</i>	28
<i>Considerations and Assumptions</i>	28
<i>Glossary</i>	30
