



Quality Manual

© 2009, Cirrus Logic, Inc.

Cirrus Logic and Cirrus are trademarks of Cirrus Logic, Inc. All other product names herein may be the trademarks of their respective holders.



A. Introduction

Approvals: July 13, 2009

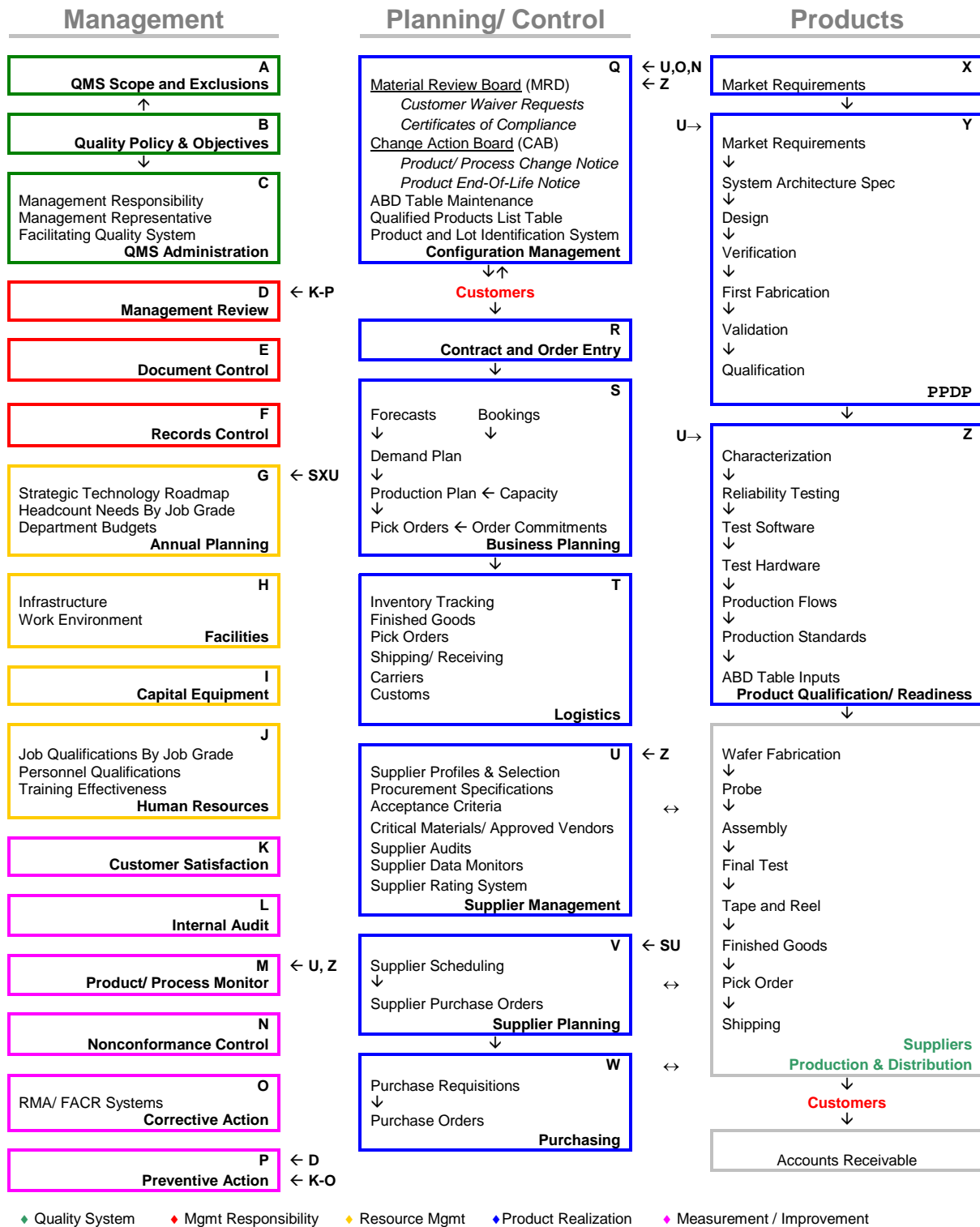
Lewis Venters, V.P. Quality and Reliability

Table of Contents For Quality Manual

page

A2	Approvals
	Business Process Sequence And Interaction
A4	Chart: Quality Management System Processes
A5	Chart: QMS Organization
A6	Chart: Product Planning and Delivery
	Quality Management System
B1	Scope and Exclusions
B2	Quality Policy and Management Objectives
B3	Administration
	Business Process Procedures
	<u>Management Responsibility</u>
C1	Management Review
C2	Document Control
C5	Records Control
	<u>Resource Management</u>
D1	Annual Plan
D2	Capital Equipment
D4	Facilities, Communication, Data Processing
D5	Human Resources and Training
	<u>Product Realization</u>
	Design and Development
E1	Market Requirements/ Business Plan
E3	Product Development Processes
E7	Product Qualification and Readiness
	Production Planning Processes
E11	Configuration, Information, Traceability
E15	Contract and Order Entry Administration
E18	Business Planning
E19	Supplier Planning
E20	Logistics
	Manufacturing
E22	Purchasing
E23	Supplier Management
	<u>Measurement, Analysis, and Continual Improvement</u>
F1	Customer Satisfaction
F2	Internal Audit
F4	Product and Process Monitor
F7	Nonconformance Control
F9	Corrective Action
F12	Preventive Action

Sequence/ Interactions of Quality Management System Processes



QMS Organization Chart

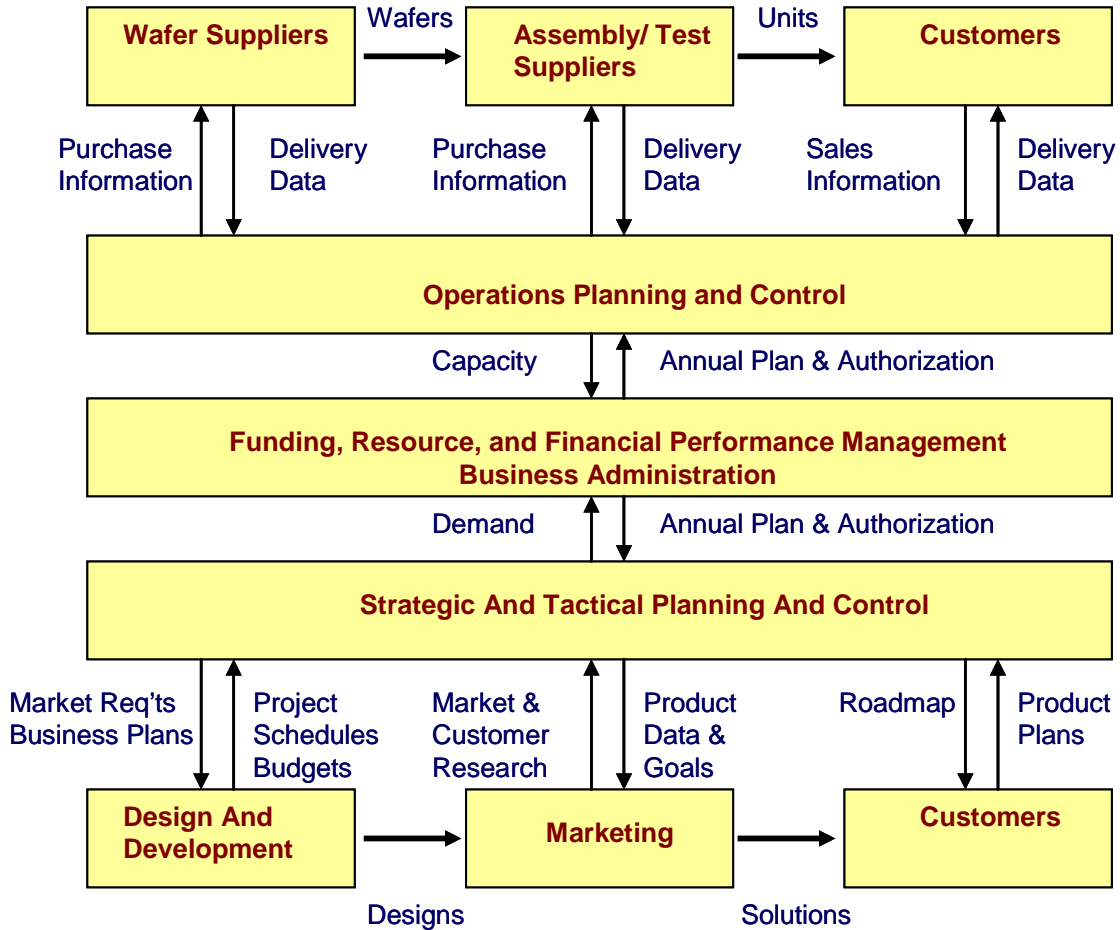
Supplier Interaction

Quality System Activities

Customer Interaction

		<p>Business Units</p> <p>Marketing</p> <p>Strategic Planning</p> <p>Applications Engineering</p> <p>Publications</p> <p>Engineering</p> <p>Program Management</p> <p>Integrated Circuits Dev</p> <p>Software Development</p> <p>Firmware Development</p> <p>Printed Wiring Board Dev</p> <p>Product/Test Engineering</p> <p>Technology Engineering</p> <p>Computer Aided Design</p>	<p>↔ Market Requirements</p> <p>↔ Contracts</p> <p>↔ Product Support</p> <p>↔ Product Specification</p> <p>↔ Product Validation</p>
Wafer Technology	↔		
Mask Fabrication			
		<p>Operations</p> <p>Business Planning</p> <p>Inside Sales</p> <p>Demand Planning</p> <p>Production Planning</p> <p>Inventory Tracking</p> <p>Logistics</p> <p>Configuration Data</p> <p>Manufacturing Operations</p> <p>Supplier Planning</p> <p>- Wafer Fabrication</p> <p>- Assembly/ Test</p> <p>Assembly Engineering</p> <p>Test Operations</p> <p>Quality</p> <p>Quality System Admin</p> <p>Customer Service</p> <p>Quality Engineering</p> <p>Reliability Engineering</p> <p>Central Document Control</p> <p>Device Physics Lab</p> <p>Information Technology (ERP)</p> <p>Facilities</p> <p>Administration</p> <p>Sales</p> <p>Human Resources</p> <p>Finance</p> <p>Legal</p> <p>Purchasing</p>	<p>↔ Purchase Orders</p> <p>↔ Return Requests</p> <p>↔ Order Commitments</p> <p>↔ Shipments</p> <p>↔ Voice of The Customer</p> <p>↔ Failure Analysis</p> <p>↔ Questionnaires</p> <p>↔ Product Qualification</p> <p>↔ Sales</p>
Distribution Centers	↔		
Wafer Fabrication	↔		
Assembly			
Tape and Reel			
External Testing			
Supplier Contracts			
QMS Registration	↔		
Reliability Testing	↔		
Burn-In	↔		
FA Services	↔		
Temporary Help	↔		
PWB Suppliers	↔		
Supplier Orders	↔		

Product Planning and Delivery



Scope and Exclusions

Scope

The Cirrus Logic Quality management system applies to the design and development of integrated circuits and related systems, and to the supply of integrated circuits through subcontracted manufacturing, test and delivery. 4.2.2 a

Cirrus Logic Management intends that the business objectives, strategies, tactics, and processes used to realize this scope always satisfy statutory, and regulatory requirements applicable to the product, and the organization's own requirements.

Applicable location

Cirrus Logic, Inc.
2901 Via Fortuna
Austin, Texas 78746

www.cirrus.com

Exclusions

The Cirrus Logic Quality management system excludes two requirements of ISO 9001:2008 section 7:

- a) Implementation of post-delivery activities: Cirrus Logic products do not require post-delivery servicing. 7.5.1 f

Software update and release after the delivery of integrated circuits is classified as initial delivery of a new release rather than as a post delivery activity.

- b) Customer property: At no time is Customer property used by or under the control of Cirrus Logic. 7.5.4

These exclusions do not affect ability or responsibility to provide product that meets applicable Customer, statutory and regulatory requirements.

Quality Policy and Management Objectives

Quality Quality is the degree to which Customer requirements for Cirrus products and services are identified and satisfied.

Quality Policy Management's policy for Quality: 4.2.1 a
5.1 b
5.3 a-c

Satisfy Customers first.
Provide competitive solutions for Customers.
Comply with Customer and regulatory requirements.
Measure and improve continuously.

Quality Objectives Top management shall ensure that Quality objectives, 5.4.1
including those needed to meet requirements for product,
are established at relevant functions and levels within
Cirrus. The Quality objectives shall be measurable and
consistent with the Quality policy.