SIMPLECHIPS TECHNOLOGY, INC.

Quality Management System Manual

Revision 1

1-Mar-17

Conforms to ISO 9001:2015

0.0 Revision History and Approval

Rev.	Nature of changes	Approval	Date
1	Original release.	Alain Comeau	1-Mar-17

1.0 Welcome to SimpleChips Technology, Inc.

Welcome to SimpleChips!

The universe is analog. SimpleChips exists to create innovative analog integrated circuit solutions for our customers, and to provide those customers with a secure supply of our products. The principals of SimpleChips have deep technical expertise and experience in CMOS devices and semiconductor process physics, high-voltage semiconductor design and ultra-low power analog system and CMOS circuit design. This unique combination of skills and experience provides our customers with optimized integrated solutions for their unique product requirements.

2.0 Quality Policy

Senior Management Team has developed the following Quality Policy which governs day-to-day operations to ensure quality. The Quality Policy is communicated and implemented throughout the organization.

The Quality Policy of SimpleChips is as follows:

> ***SimpleChips Technology, Inc. shall research, design, develop manufacture and deliver compelling products that satisfy customers' technical requirements and be recognized as a company of dedication, honesty, integrity and service.***
>
> ***We shall achieve this by striving, without reserve, to:***
>
> - Exceed our customers' expectations of product quality;
> - Provide our customers with security of supply; and
> - Provide world-class technical support.

3.0 Context of the SimpleChips Organization

SimpleChips has reviewed and analyzed key aspects of itself and its stakeholders to determine the strategic direction of the company. This requires understanding internal and external issues that are of concern to SimpleChips and its interested parties; the interested parties are identified per the document ***Context of the Organization.***

Such issues are monitored and updated as appropriate, and discussed as part of management reviews.

The issues determined above are identified through an analysis of risks facing SimpleChips and its interested parties. “Interested parties” are those stakeholders who receive our products and services, or who may be impacted by them, or those parties who may otherwise have a significant interest in our company. These parties are identified per the document ***Context of the Organization.***

This information is then used by senior management to determine the company’s strategic direction. This is defined in records of management review, and periodically updated as conditions and situations change.

4.0 Scope of the SimpleChips Quality Management System

Based on an analysis of the above issues of concern, interests of stakeholders, and in consideration of its products and services, SimpleChips has determined the scope of the management system as follows:

Research, Design, Development and Supply of Application Specific Analog Integrated Circuits

The quality system applies to all processes, activities and employees within the company. Our facility is located at:

8630 Captains Court
Escondido CA 92026

Phone: +1 (760) 807-1102
Fax: +1 (858) 613-9229

Web: http://www.simplechips.com/

The company claims no exclusions from the ISO 9001 standard.

5.0 QMS Processes

SimpleChips has adopted a process approach for its management system. By identifying the top-level processes within the company, and then managing each of these discretely, this reduces the potential for nonconforming products and services discovered during final processes or after delivery. Instead, nonconformities and risks are identified in real time, by actions taken within each of the top-level processes.

Note: not all activities are considered “processes” – the term “process” in this context indicates the activity has been elevated to a higher level of control and management oversight. The controls indicated herein are applicable only to the top-level processes identified.

The following top-level processes have been identified for SimpleChips:

- QMS Management
- Business Development
- Product Engineering
- Production & Delivery
- Resource Management

Each process may be supported by other activities, such as tasks or sub-processes. Monitoring and control of top level processes ensures effective implementation and control of all subordinate tasks or sub-processes.

Each top-level process has a ***Process Definition*** document which defines:

- applicable inputs and outputs
- process owner(s)
- applicable responsibilities and authorities
- applicable risks and opportunities
- critical and supporting resources
- criteria and methods employed to ensure the effectiveness of the process
- quality objectives related to that process

The sequence of interaction of these processes is illustrated in Appendix A.

Note: Appendix A represents the typical sequence of processes, and may be altered depending on customer or regulatory requirements at the job or contract level, as needed.

Additional QMS documented procedures have been developed to support the QMS and its processes; these are listed in Appendix B. This list only provides some top-level procedures, and may not reflect the entirety of all QMS documentation.

Each process has at least one objective established for it; this is a statement of the intent of the process. Each objective is then supported by at least one "metric" or key performance indicator (KPI) which is then measured to determine the process' ability to meet the quality objective.

Throughout the year, metrics data is measured and gathered by process owners or other assigned managers, in order to present the data to Senior Management Team. The data is then analyzed by Senior Management Team in order that Senior Management Team may set goals and make adjustments for the purposes of long-term continual improvement.

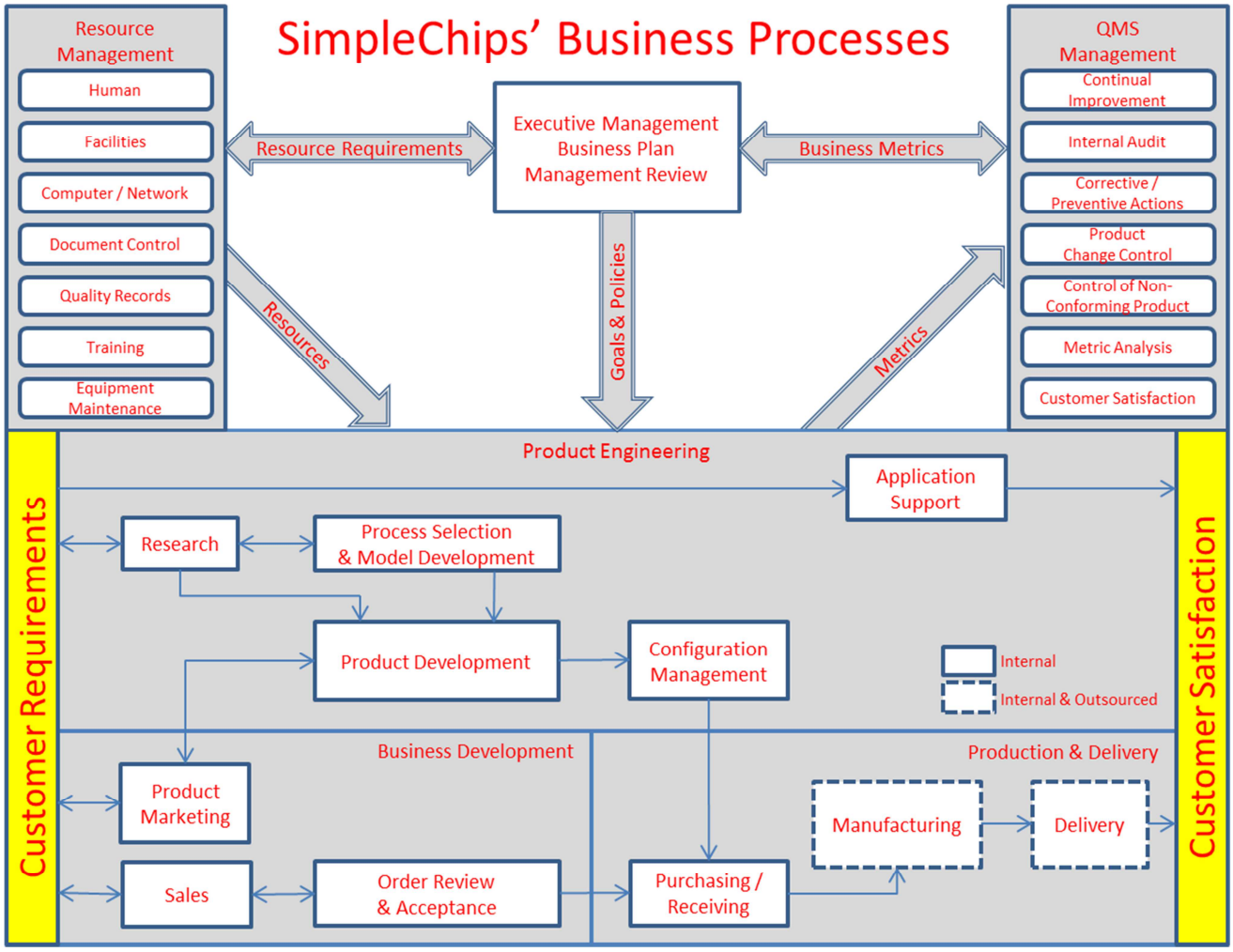
The specific quality objectives for each process are defined in the applicable ***Process Definition***.

Metrics, along with current standings and goals for each objective, are recorded in records of management review.

When a process does not meet a goal, or an unexpected problem is encountered with a process, the corrective and preventive action process is implemented to research and resolve the issue. In addition, opportunities for improvement are sought and implemented, for the identified processes.

Any process performed by a third party is considered an "outsourced process" and must be controlled as well. The company's outsourced processes, and the control methods implemented for each, are defined in ***Outsourced Processes***.

Appendix A: Overall Process Sequence & Interaction



Appendix B: Subordinate QMS Procedures

- Calibration of Equipment
- Change Management
- Context of the Organization
- Control of Documents
- Control of Nonconforming Product
- Control of Records
- Corrective and Preventive Action
- Control of Third-Party Property
- Design Control
- Validation of Equipment
- Identification and Traceability
- Internal Audits
- Management Review
- Outsourced Processes
- Preservation of Product
- Preventive Maintenance
- Purchasing
- Quoting and Order Acceptance
- Receiving
- Risk and Opportunity Management
- Special Processes
- Hiring and Training