RoHS/Green Certificate for homogeneous wafers from TSMC

Doc no: QI-21 Rev: D01

Revision History

Rev.	Description of Change	Reason for Change
A00	Initial Release	Customer request
B00	Replace certificate with 2008 version	Keep current per RoHS directive
C00	Replace certificate with 2009 version	Includes REACH SVHC list elements
C01	Remove blank pages	Correct formatting error
D00	Replace certificate with 2010 version	Keep current per RoHS directive
D01	Revised 3.1	Removed SGS report as example

Table of Contents

1.0 Purpose and Scope

1.1 Purpose: To demonstrate RoHS/Green compliance per QI-1 as applicable to homogeneous substances and to declare no substances of very high concern (SVHC) per REACH requirements.

1.2 Scope: All products manufactured by and for SiTime using TSMC wafers.

2.0 Reference Documents

2.1 Industry Standards

2.1.1 EU RoHS Directive 2002/95/EC and amendments

2.2 Internal References

2.2.1 QI-1 SiTime green partner and RoHS/Green Compliance

3.0 Information

3.1 The list of SGS report of analysis demonstrating RoHS and Green compliance of the homogeneous materials used for wafer from TSMC are attached (Table-1)

3.2 The SGS analysis reports for the homogeneous materials are received from the supplier (updated every year) and reviewed and maintained at SiTime.

3.3 Actual SGS reports can be obtained from sales support by request. Contact SiTime sales support at salessupport@sitime.com

3.4 As per industry standard practice (JEDEC Standard JESD46), the customer notification will be done when any major change in the material composition is implemented which affects form, fit and function. No annual updating will be done to this document. The updates to this document will be done only when:

3.4.1 There is any change in the material contents of the package

3.4.2 The regulation changes dictate that new analysis be done for compliance

4.0 Homogeneous Material Content Tables

Table-1 Homogeneous Material List Contained in wafer - TSMC

Homogeneous Material	Material Name/Model	Supplier	SGS Report
CMOS Die	Silicon	TSMC	√