UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

DATE: 09 September 2014

Product Identifier

RM Number: 8096
RM Name: CMOS MEMS 5-in-1 Test Chip

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Reference Material (RM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

Exemption: 1910.1200 (c). This RM is an Article, as the word is defined by OSHA, where *Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of 1910.1200), and does not pose a physical hazard or health risk to employees.

Description: This RM is a bulk-micromachined complementary metal oxide semiconductor (CMOS) microelectromechanical system (MEMS) 5-in-1 test chip. RM 8096 is intended to allow customers to compare their in-house measurements with NIST measurements for five standard test methods, thereby, validating their use of the documentary standard test methods. A unit of RM 8096 consists of a CMOS MEMS test chip atop a piezoelectric transducer (PZT) in a hybrid package, a thumb drive containing additional user information, data analysis sheets that contain the values from NIST measurements, this Report of Investigation (ROI), and the five standard test methods.

Disposal: RM 8096 should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transportation Association (IATA).

Disclaimer: This document was prepared carefully, using current references. Users of this RM should ensure that this document and the corresponding Report of Investigation in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail srmmsds@nist.gov; or via the Internet at http://www.nist.gov/srm.