



AK09911

3-axis Electronic Compass



Product Analysis Report

This report is protected by copyright and may not be by way of trade or otherwise, be copied, reproduced, re-sold, lent, hired out in any form without express written permission from Shanghai Industrial μ Technology Research Institute (Hereinafter referred to as SITRI). SITRI always endeavors to provide accurate and reliable information to its customers. However, it is not possible to guarantee absolute accuracy of all information contained herein and SITRI can assume no liability for inadvertent errors in this report.

This report was prepared for our Clients' private study, analysis or research and for no other purpose. The information contained in this report may describe technical innovations, which are the subject of patents held by third parties. The disclosure by SITRI of any such information is in no form whatsoever an inducement to infringe any patent. SITRI assumes no liability for patent infringement arising from the use of the information contained in this report.

To Know



- Device Summary.....3**
 - Device Summary
 - AKM Introduction
- Package Overview5**
 - Package Top View
 - Package Bottom View
 - Package Side View
- Package Cross Section.....8**
 - Package SEM Cross Section with Dimension
- Die Overview.....12**
 - Die Photo with Dimension
 - Die Mark OM Image
 - Die Corner OM Image
 - PAD Size with Dimension

- Die Infomation16**
 - Die Thickness with Dimension
 - Die General Structure SEM Image
 - Die Each Layer SEM Image with Dimension
 - Die Gate Length SEM Image with Dimension
- Hall Sensor Plan View22**
 - Plan View OM Image with Package and Disk Measurement
 - Plan View OM Image without Package
 - Plan View OM Image with Dimension after Stained
- Hall Sensor Cross Section31**
 - OM Cross Section after Stained with Description and Dimension
 - SEM Cross Section after Stained with Description and Dimension
- Hall Sensor Principle and Diagram38**
 - Hall Sensor Principle Description and Diagram Show
- Major Findings39**
 - Points