

# **ADIS16209**

# **TEST SITE TRANSFER**

# **QUALIFICATION**

# **REPORT**

**TITLE:**

Addition of Analog Devices, Inc. General Trias (ADGT) as Qualified Test Site for ADSI16201, ADIS16203 and ADIS16209

**PCN NUMBER:**

17\_0204

**REVISION:**

A

**DATE:**

February 5, 2019

## SUMMARY

The ADIS16201, ADIS16203 and ADIS16209 are Accelerometer / Inclinometer iSensor devices that are production tested at the Analog Devices, Inc Greensboro Facility. This report details the successful qualification to add the Analog Devices, Inc General Trias (ADGT) site as a Qualified Test Site for these products.

There is no change to the form, fit, function, quality or reliability of the transferred parts.

This report documents the result of the evaluations done to qualify ADGT as an approved Test Site for the ADIS16201, ADIS16203 and ADIS16209.

## TEST AND PRODUCT INFORMATION

|                       |   |
|-----------------------|---|
| Devices(Generics):    | ADIS16201, ADIS16203, ADIS16209                 |
| Package:              | LGA   |
| Leads:                | 16  |
| Parts Affected:       | ADIS16201CCCZ<br>ADIS16203CCCZ<br>ADIS16209CCCZ |
| Current Test Site:    | Analog Devices, Inc Greensboro                  |
| Additional Test Site: | Analog Devices, Inc General Trias (ADGT)        |

## Description and Test Results

Table 1 provides a description of the qualification tests conducted and corresponding test results for all three of the finished goods parts associated with this PCN. All the units have undergone electrical tests on both the Analog Devices Greensboro (ADGBO) Test Platform and Analog Devices General Trias (ADGT) platform. All lots were tested on the existing ADGBO test platform, then sent to ADGT to correlation. Additionally, ADGT tested the 36 part and returned them back to ADGO for further proof of correlation between the two test sites.

Any device that did not meet the electrical qualification requirements, without further analysis and data to prove passing the qualification would be considered failed.

Table 1: Test Site Correlation Results

| Generic   | Package | Testing Site  | Test Lot Size | % Mean Shift Criteria<br>= $\leq$ 5% | Std. Dev. Ratio Criteria<br>= $\leq$ 1.3 |
|-----------|---------|---------------|---------------|--------------------------------------|--|
| ADIS16201 | LGA     | ADGBO<br>ADGT | 36            | Passed                               | Passed                                   |
| ADIS16203 | LGA     | ADGBO<br>ADGT | 36            | Passed                               | Passed                                   |
| ADIS16209 | LGA     | ADGBO<br>ADGT | 36            | Passed                               | Passed                                   |