

STMicroelectronics A3G4250D

Automotive 3-Axis MEMS Gyroscope

The first 3-Axis MEMS Gyroscope to meet Automotive AEC-Q100 qualification

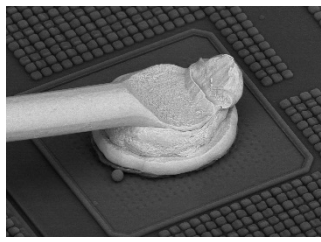
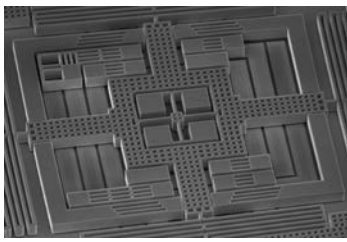
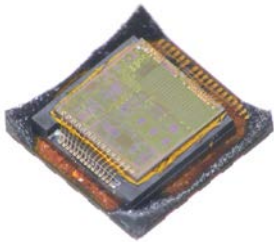
MEMS are getting broadly adopted in the automotive industry and non-safety applications like in-dash navigation are now requiring low-cost and small footprint components.

The A3G4250D is a low power consumption MEMS gyroscope which is the first 3-axis gyroscope to have met the industry-standard qualification for automotive integrated circuits (AEC-Q100).

STMicroelectronics 3-axis gyroscope for automotive applications measures angular rates up to ± 245 dps and has been designed and produced using the same manufacturing process (THELMA) than ST consumer products.

Assembled in a 4.0 x 4.0 x 1.1mm package, it embeds an 8-bit temperature sensor and operates within an extended temperature range from -40 to 85°C.

It is suitable for applications including in-dash navigation, telematics and vehicle tolling systems, motion control with MMI (man-machine interface), appliances and robotics.



REVERSE COSTING ANALYSIS
REPORT BY 

MEMS 3-Axis Gyroscope
119 pages
October 2014
Pdf file
Xls file

PRICE :

Full report: EUR 2,990
Technology report: EUR 1,990

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Precise Measurements
- Material Analysis
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ORDER FORM

Please process my order for "STMicro A3G4250D MEMS Gyroscope" Reverse Costing Analysis:

Ref.: SP14187

Full Reverse Costing report: EUR 2,990*

Technology Analysis** report: EUR 1,990

*For price in dollars please use the day's exchange rate

*All reports are delivered electronically in pdf format

*For French customer, add 20 % for VAT

** Technology Analysis report contains only Physical Analysis & Manufacturing Process Flow

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MAIL: SYSTEM PLUS CONSULTING

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44200 Nantes – France

Contact:

E-mail: sales@systemplus.fr, Tel: +33 (0)240 18 09 16

BILLING CONTACT

Name:

Email:

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Our prices are subject to change.

Please check our new releases and price changes on www.systemplus.fr

The present document is valid 6 months after its publishing date: October 29th, 2014.

ABOUT SYSTEM PLUS CONSULTING

System Plus Consulting specializes in the **cost analysis** of electronics, from **semiconductor devices** to **electronic systems**, and has developed a complete range of services and costing tools to provide **in-depth production cost studies** and to estimate the **objective selling price** of a product.

COSTING SERVICES

- ✓ On demand **Reverse Costing studies** are performed on ICs, ASICs, MEMs, Power Devices, ECUs, electronic boards and full electronic systems.
- ✓ The **catalog of available reports** includes cost analyzes on MEMS, LEDs, Modules and Electronic systems.

All these analyses are performed using in-house developed, proprietary costing tools and their technological databases.

COSTING TOOLS

« Purchaser » tools

- ✓ IC Price+ to estimate the cost of any integrated circuit
- ✓ Power Price+ for any power component or module

- ✓ PCB Price+ for printed circuit boards
- ✓ SYS.Cost+ for electronic boards and systems

Cost Simulation Tools, process flow based

- ✓ MEMS CoSim+ ✓ Power CoSim+
- ✓ LED CoSim+ ✓ TSV CoSim+ (thru silicon vias)

- ✓ Sapphire CoSim+

Other costing models can be developed according to customer specifications

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The quoted prices already include the rebates and discounts that System Plus Consulting could have granted according to the number of orders placed by the Buyer, or other specific conditions. No discount is granted in case of early payment.

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System Plus Consulting remains sole owner of the delivered services until total payment of the invoice.

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The transport costs and risks are fully born by the Buyer. Should the customer wish to ensure the goods against lost or damage on the base of their real value, he must imperatively point it out to System Plus Consulting when the shipment takes place. Without any specific requirement, insurance terms for the return of goods will be the carrier current ones (reimbursement based on good weight instead of the real value).

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System Plus Consulting responsibility will not be involved in non execution or late delivery of one of its duties described in the current terms and conditions if these are the result of a force majeure case. Therefore, the force majeure includes all external event unpredictable and irresistible as defined by the article 1148 of the French Code Civil?

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If the dispute cannot be settled out-of-court, the competent Court will be the Tribunal de Commerce de Nantes.