

Invensense MPU-9150

Motion Processing Unit:

3D accelerometer + 3D gyroscope + 3D digital compass

Reverse Costing Analysis – November 2012

Physical Analysis of the Device

Step by Step Reconstruction of the Process Flow

Cost of Manufacturing and Estimation of Selling Price

System Plus Consulting is proud to publish the reverse costing report on the MPU-9150 MEMS from InvenSense.

The MPU-9150 is a motion tracking MEMS that combines a 3D accelerometer, a 3D gyroscope from Invensense and a 3D digital compass from AKM in the same package, a 4x4x1mm LGA package.

The MPU-9150 is targeted for mobile phones, tablets, gaming devices, Portable Navigation Devices and remote controllers.

This report provides complete teardown of the inertial MEMS with:

- Detailed photos
- Material analysis
- Schematic assembly description
- Manufacturing Process Flow
- In-depth economical analysis
- Manufacturing cost breakdown
- Selling price estimation

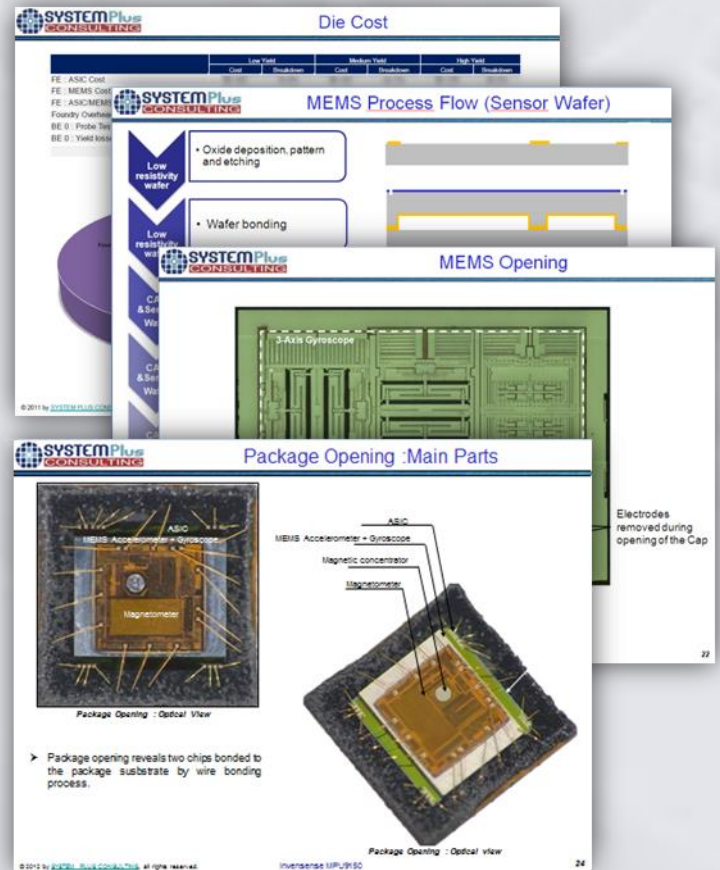


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System Plus Consulting is specialized in the **cost analysis** of electronics from **semiconductor devices** to **electronic systems**. Around this main line System Plus Consulting developed a complete range of services and costing tools to provide **in-depth production cost studies** and estimation of the **objective selling price** of the product.

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- ✓ **The catalog of available reports** includes cost analyzes on MEMS, Electronic components and Electronic systems

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- ✓ Power Price+ to estimate the cost of any power component or module
- ✓ PCB Price+ for printed circuit boards
- ✓ SYS.Cost a costing tool for electronic boards and systems

Cost Simulation Tools, process flow based

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 - ✓ LED CoSim+
 - ✓ Power CoSim+
 - ✓ TSV CoSim+ (thru silicon vias)
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Please check our new releases and price changes on www.systemplus.fr

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