

EPC2010 GaN 200V power transistor

Reverse Costing Analysis

System Plus Consulting - November 2011

Physical Analysis of the Device

Step by Step Reconstruction of the Process Flow

Cost of Manufacturing & Estimation of Selling Price

System Plus Consulting is pleased to publish a reverse costing report on the new generation of GaN power transistors from EFFICIENT POWER CONVERSION Corp. Discover the change in the GaN transistor process.

Based on a complete teardown process, the report provides an estimation of the production cost as well as the selling price of the EPC2010 device, a 200V, 12A, 25mOhm transistor.

This report provides a reverse costing of the POWER TRANSISTOR with:

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

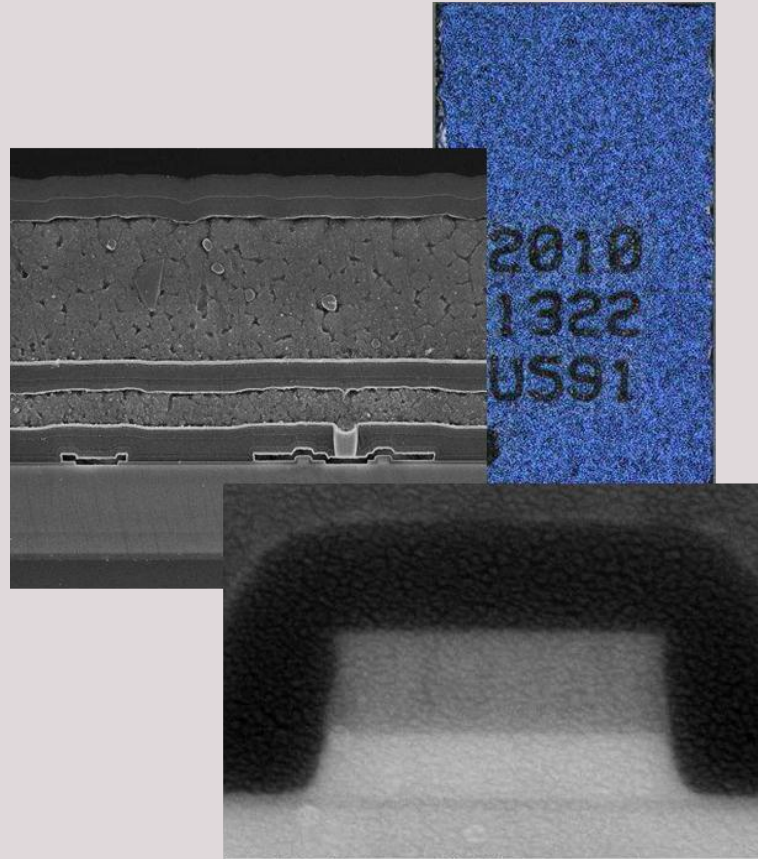


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ABOUT SYSTEM PLUS CONSULTING

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.

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, Electronic components and Electronic systems (Telecom terminals, Power systems, Consumer products)

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

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- ✓ IC Price+ to calculate the cost of any integrated circuit
- ✓ Power Price+ to calculate the cost of any power component or module
- ✓ SYS.Cost which is a costing tool for electronic boards and systems

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- ✓ PCB - Board Assembly – System in Package – System on Chip – Memory Chip – Smart Card – Plastic Part
- ✓ Other costing models can be developed according to customer specification

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- ✓ Powerful flow builders including exhaustive databases to simulate a device processing cost:
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