

SemiSouth - SJEP170R550 1700V 550mΩ SiC JFET transistor

Reverse Costing Analysis by System Plus Consulting – November 2010

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 SJEP170R550 silicon carbide (SiC) power transistor from SemiSouth. This normally-off 1700V JFET offers a low on-resistance (550mΩ).

Based on a complete teardown process, the report provides an estimation of the production cost as well as the selling price of the SJEP170R550.

This report provides a reverse costing of the SiC JFET transistor with:

- Detailed photos
- Material analysis
- Manufacturing process flow
- In-depth economical analysis
- Manufacturing cost breakdown
- Selling price estimation

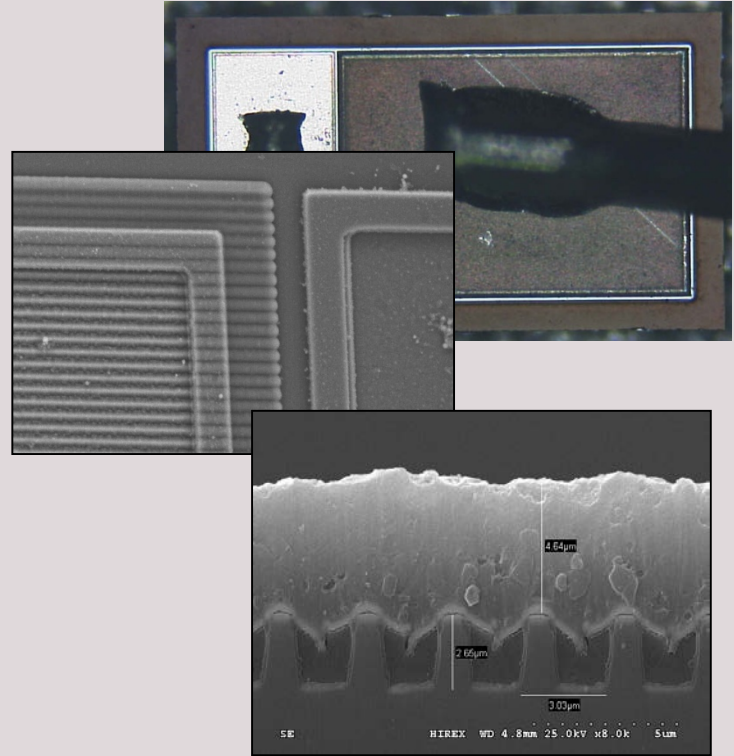


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System Plus Consulting is specialized in the **cost analysis** of electronics from **semiconductor devices** to **electronic systems**. Around this main line System Plus Consulting developed a complete range of services and costing tools to provide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

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