

Infineon – IPB60R280C6

600V CoolMOS C6 MOSFET

Reverse Costing Analysis by System Plus Consulting – July 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 IPB60R280C6 silicon power transistor. This MOSFET is the new superjunction structure MOSFET from Infineon. This 600V MOSFET offers a lower $R_{DS(ON)}$ (280m Ω) than the theoretical limit of silicon and enables a reduction in power consumption.

Based on a complete teardown process, the report provides an estimation of the production cost as well as the objective selling price of the IPB60R280C6.

This reverse costing report contains:

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

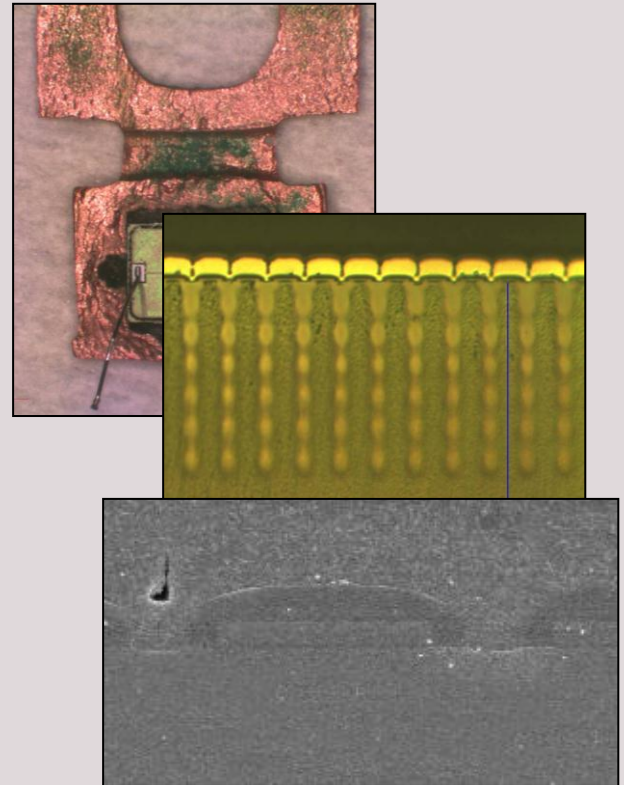


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System Plus Consulting is specialized in the **cost analysis** of electronics from **semiconductor devices** to **electronic systems**.
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