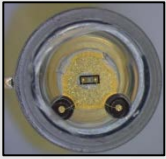


SETi UV LED UVTOP270 Reverse Costing Report

System Plus Consulting – October 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 of the SETi UV LED UVTOP270-BL-TO39, an UltraViolet LED supplied by Sensor Electronic Technology, Inc. (SETi). Based on a complete teardown process, the report provides an estimation of the production cost as well as the selling price of the component.

Packaged in a TO39 package with a sapphire ball lens, the UVTOP270-BL-TO39 is a UV LED with a luminous Flux of $600\mu\text{W}$ at 20 mA at a wavelength of 270nm, which makes it suitable for disinfection, protein analysis and forensic analysis. The light emitting layers are in epitaxial AlGaIn on a sapphire substrate.

This report provides a complete teardown of the LED with:

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

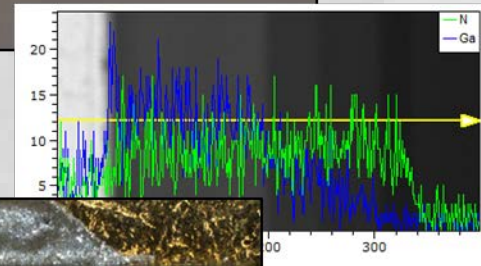
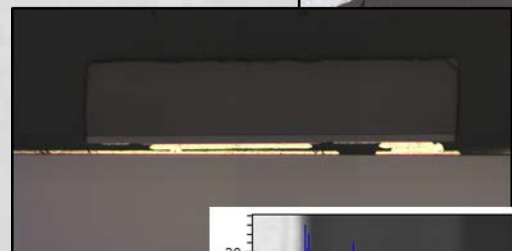
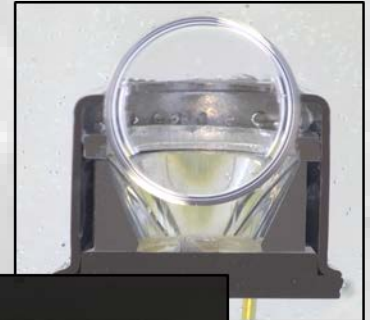


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Please enter my order for the "SETi UVTOP270" Reverse Costing Analysis:

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

*All reports are delivered electronically in pdf format

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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

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

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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

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- ✓ LED CoSim+
- ✓ Power CoSim+
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