

Wispry RF MEMS Reverse Cost Analysis

- Description:
- Physical Analysis of the Device
 - Step by Step Reconstruction of the Process Flow
 - Cost of Manufacturing and Estimation of Selling Price

The market for RF MEMS in cell phone finally emerges with the first Wispry antenna tuner in high volume production! RF MEMS switches and variable capacitors are on the verge of being the next very big market for the MEMS industry.

Manufactured by IBM, Wispry MEMS element is a network of 32 variable capacitors, integrated in a plastic package (3x2x1mm) with a laminate substrate.

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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- Estimated manufacturer Price

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