## EE C247B/ME C218: Introduction to MEMS



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Benefits of Size Reduction: MEMS 
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## Lecture Outline

UC Berkeley

- Reading: Senturia, Chapter 1
- Lecture Topics:
$\stackrel{\wedge}{ }{ }^{\wedge}$ Benefits of Miniaturization
©) Examples
- GHz micromechanical resonators
- Chip-scale atomic clock
- Micro gas chromatograph

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Vibrating RF MEMS

EE C247B/ME C218: Introduction to MEMS Lecture 2m2: Benefits of Scaling I


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