Silicon MEMS Timing Solutions

COMMUNICATIONS & ENTERPRISE
- 4x better frequency slope (ΔF/ΔT)
- 30x better quality and reliability
- Better performance under shock and vibration

MOBILE & IOT
- 35% smaller footprint
- Maintains stability under 10°C/s temperature ramp
- 30x better quality and reliability

AUTOMOTIVE
- Best stability over -55 to +125°C
- 50x to 500x better quality, 50x better reliability
- 20x better shock and g-sensitivity performance

INDUSTRIAL
- Programmable, qualify once—multiple parts
- 30x better quality and reliability
- 20x better shock survivability, 4x better vibration

AEROSPACE & DEFENSE
- 20x better shock survivability, 4x better vibration
- 50x better g-sensitivity
- Wide operating temperature range -55 to +125°C

CONSUMER
- Immediate availability
- Virtually unlimited capacity
- Programmable 1 Hz to 725 MHz

Solving your most difficult timing problems

GREEN SOLUTIONS 
INSTANT SAMPLES 
LIFETIME WARRANTY
MEMS Oscillators Product Portfolio

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<th>Mobile &amp; IoT</th>
<th>Industrial &amp; Consumer</th>
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<th>Aerospace &amp; Defense MIL-PRF-55310</th>
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<tr>
<td><strong>µPower 33 kHz TCXO</strong>&lt;br&gt;1.2 mm²</td>
<td><strong>µPower Low Power Oscillators</strong></td>
<td><strong>Spread Spectrum Oscillators</strong></td>
<td><strong>Low Jitter Oscillators</strong></td>
<td><strong>OCXO</strong></td>
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<td>SIT152±5, 10, 20 ppm</td>
<td>SIT1576±5, 10, 20 ppm</td>
<td>SIT9025±5, 10, 20 ppm</td>
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<td>SIT5348/9±5, 10, 20 ppm</td>
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<td>SIT1568/8±5, 10, 20 ppm</td>
<td>SIT8008/9±5, 10, 20 ppm</td>
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<td>SIT9026±5, 10, 20 ppm</td>
<td>SIT9345±5, 10, 20 ppm</td>
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<td>SIT1630±5, 10, 20 ppm</td>
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<td>SIT3342/3±5, 10, 20 ppm</td>
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*Any frequency, programmable within range out to 6 decimals.
**Integrated RMS phase jitter; See datasheet for integration range.
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