

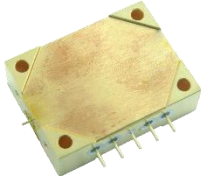


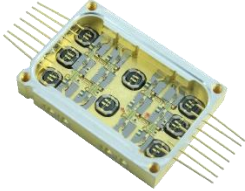
## TIME AND FREQUENCY


	<b>Oscillators</b>	
<b>Capability</b>	<b>Major Assembly Process</b>	<b>Test Parameters</b>
<ul style="list-style-type: none"> <li>• SMT</li> <li>• Assembly</li> <li>• Test/Tune</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Soldering</li> <li>• Component Mounting</li> <li>• Burn-in</li> <li>• TCT</li> </ul>	<ul style="list-style-type: none"> <li>• Current</li> <li>• Resistance</li> <li>• Harmonics</li> <li>• Peak to Peak</li> <li>• Deviation Range Endpoints</li> <li>• Setability</li> <li>• Frequency at Center Tuning Voltage</li> </ul>

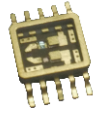
	<b>Timing Modules</b>	
<b>Capability</b>	<b>Major Assembly Process</b>	<b>Test Parameters</b>
<ul style="list-style-type: none"> <li>• SMT</li> <li>• Assembly</li> <li>• Test/Tune</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Soldering</li> <li>• Component Mounting</li> <li>• Burn-in</li> <li>• TCT</li> </ul>	<ul style="list-style-type: none"> <li>• Current</li> <li>• Peak to Peak</li> <li>• Deviation Range Endpoints</li> <li>• Setability</li> <li>• Frequency at Center Tuning Voltage</li> </ul>


## SIGNAL CONDITIONING/CONTROL

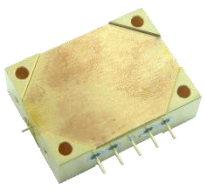
	<b>Switches</b>	
<b>Capability</b>		
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>		

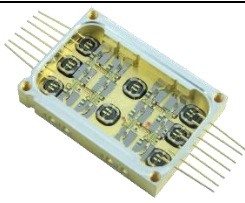
	<h2>Amplifiers</h2>
<b>Capability</b>	
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>	


	<h2>Mixers</h2>
<b>Capability</b>	
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>	

	<h2>Limiters</h2>
<b>Capability</b>	
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>	


	<h2>Synthesizers</h2>
<b>Capability</b>	
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>	

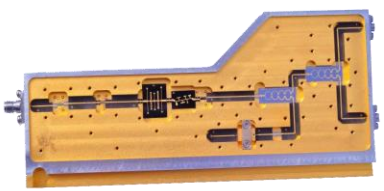
	<b>Switches</b>	
<b>Capability</b>	<b>Major Assembly Process</b>	<b>Test Parameters</b>
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Soldering</li> <li>• Component Mounting</li> <li>• Wire Bonding</li> </ul>	<ul style="list-style-type: none"> <li>• Insertion Loss</li> <li>• Isolation Loss</li> <li>• Input Band of Interest</li> <li>• Signal Level (Power Out)</li> <li>• Open/Short</li> <li>• Voltage Breakdown</li> </ul>

	<b>Amplifiers</b>	
<b>Capability</b>		
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• O/S Test</li> </ul>		


	<b>Mixers</b>	
<b>Capability</b>		
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• Test/Tune</li> </ul>		

**MODULE ASSEMBLY PACKAGES**


	<p><b>Surface Mount Technology</b></p>
<p><b>Capability</b></p> <ul style="list-style-type: none"> <li>• Pick and Place</li> <li>• Screen Printing</li> <li>• Reflow Soldering</li> <li>• Manual Soldering</li> </ul>	

	<p><b>Chip On Board</b></p>
<p><b>Capability</b></p> <ul style="list-style-type: none"> <li>• Wire Bonding</li> <li>• Ribbon Bonding</li> <li>• Die Attach</li> <li>• Manual Soldering</li> <li>• Encapsulation</li> <li>• Seam Welding</li> </ul>	

**PASSIVE**

	<p><b>Circulator/Isolator</b>          Co-Axial, Drop In, Surface Mount</p>		
<p><b>Capability</b></p>	<p><b>Major Assembly Process</b></p>	<p><b>Test Parameters</b></p>	<p><b>Frequency</b></p>
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• Test/Tune</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Soldering</li> </ul>	<ul style="list-style-type: none"> <li>• Return Losses</li> </ul>	<ul style="list-style-type: none"> <li>• 20 MHz – 18 GHz</li> </ul>

	<ul style="list-style-type: none"> <li>• Magnet Charging and Stabilization</li> <li>• Solder Dipping</li> </ul>	<ul style="list-style-type: none"> <li>• Insertion Loss</li> <li>• Isolation</li> <li>• Attenuation</li> <li>• Go-No Go Test</li> </ul>	
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	<b>Frequency Tuning Component</b> Co-Axial, Drop In, Surface Mount	
<b>Capability</b>	<b>Major Assembly Process</b>	<b>Test Parameters</b>
<ul style="list-style-type: none"> <li>• Assembly</li> <li>• Test/Tune</li> </ul>	<ul style="list-style-type: none"> <li>• Manual Soldering</li> <li>• Component Mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Capacitance</li> <li>• Insulation</li> <li>• Breakdown Voltage</li> </ul>