

	<p style="text-align: center;"><b>Application Note</b> VCO &amp; Synthesizer Recommended Cleaning Process</p>	<p style="text-align: center;">AN-011 Revision 00</p>
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VCO and Synthesizer cleanliness is critical to meet their performance and reliability specifications. Universal Microwave Corporation uses a thorough cleaning process to insure manufactured product cleanliness before it is shipped to a customer. The process used by UMC is the following:

- Full immersion in a saponifier bath (Alconox Detergent 8) @ 50°C for 10 minutes.
- Full immersion in a water bath at room temperature for 1 minute.
- Full immersion in denatured alcohol bath @ 50°C for 3 minute.
- Dry component at an elevated temperature.

UMC recommends using a similar full immersion cleaning process on boards on which its VCO and/or Synthesizer are assembled.

**Disclaimer:**

*UMC maintains an ongoing program to improve processes, materials and testing to enhance products performance and reliability. However, the customer shall assess if recommended cleaning process is suitable for their assembly.*