



RoHS Compliant Products

Synergy Microwave's RoHS Compliant Products

Synergy Microwave Corporation fully supports the move to preserve & protect the environment by developing highly reliable new design techniques that have minimal or no impact to the environment and to the performance and application of our existing and future products. Most of our products when identified on the specification sheets or on the following page as stated on this guide will conform to the RoHS (Restriction of Hazardous Substances) directive set out by the European Union (EU).



What is RoHS Directive?

RoHS (Restriction of Hazardous Substances) directive prohibits the use of certain hazardous substances in electrical and electronic equipment. The 2002/95/EC directive was set out by the European Union (EU). The RoHS2 directive (2011/65/EU) in an evolution of the original directive became law on July 21, 2011 and took effect on January 2, 2013.

Synergy Microwave's RoHS compliant products will not contain the following hazardous substances:

- Lead (Pb): <1000ppm
- Cadmium (Cd): <100ppm
- Mercury (Hg): <1000ppm
- Hexavalent Chromium (CrVI): <1000ppm
- Polybrominated Biphenyl (PBB): <1000ppm
- Polybrominated Diphenyl Ether (PBDE): <1000ppm



RoHS Compliant Products

RoHS Product Distinction Guide

Here are some guidelines to distinguish between Synergy's RoHS compliant products from those which are not.

1. Synergy's latest products using our patent pending **REL-PRO**[®] technology are RoHS compliant as stated in the specification sheet. Please visit www.synergymwave.com/Articles/Articles.htm or contact our sales and application team at (973) 881-8800 to get more information and licensing information on our patent pending **REL-PRO**[®] technology surface mount design.

2. Earlier models can be converted to lead free RoHS compliant on an on-demand basis. These mature products, after conversion, will be identified by the suffix "**LF**" after the date code. *** see note

Examples:

XXXX (Date code before conversion)

XXXXLF (Date code after conversion)

3. All products starting with prefixes "**SRD**", "**SMD-K**", "**SD**", "**SQ**" and "**ST**" having package outline number 134 are RoHS compliant.

To Order

1. If RoHS compliance is not specified on the specification sheet, contact our sales and application team to verify the RoHS compliance conversion status of the product.
2. If the product has been converted, a model number with the "**LF**" suffix has been assigned to the product. Use this part number to place the order.
3. If the product has not been converted, notify our sales and application team to start the conversion process. Once this is complete, you will be notified and given a new model number for the product. Use this part number to place the order.

Note:

*** The physical dimension of the product will determine if the "**LF**" suffix can be added to the date code or not. RoHS compliance of the product you ordered can be confirmed by contacting our sales and application team via e-mail: sales@synergymwave.com or by phone at (973) 881-8800.

The ban starts on July 1, 2006. Please place your order as early as possible to give your customers enough time to procure, test, verify, build, and ship their compliant product.