



Released: March 5, 2025

## Apogee Semiconductor RoHS Declaration

The purpose of this document is to address Apogee Semiconductor products' compliance to Directive 2011/65/EU [1] and amendment 2015/863 [2] for Restriction of the Use of Hazardous Substances (RoHS).

To the best of Apogee Semiconductor's knowledge, all products are RoHS Compliant with the exception of tin-lead (SnPb) plated parts are RoHS Compliant and do not contain restricted substances above the maximum threshold values shown in Table 1.

Section 1 indicates how to identify SnPb plated parts. These components are not compliant due to lead content above the allowable 0.1% threshold indicated in Table 1.

Apogee Semiconductor components are designed for space applications and may be excluded from RoHS according to Article 2 section 4 (b) and (c) for "equipment designed to be sent into space" [1]. It is the sole responsibility of the customer/purchaser to determine whether or not these exclusions apply when purchasing products from Apogee Semiconductor.

Substance Name	Substance Abbreviation	RoHS Threshold level (by total mass)
Lead	Pb	0.1%
Mercury	Hg	0.1%
Cadmium	Cd	0.01%
Hexavalent chromium	Cr <sup>6</sup>	0.1%
Polybrominated biphenyls	PBB	0.1%
Polybrominated diphenyl ethers	PBDE	0.1%
Bis(2-ethylhexyl) phthalate	DEHP	0.1%
Butyl benzyl phthalate	BBP	0.1%
Dibutyl phthalate	DBP	0.1%
Diisobutyl phthalate	DIBP	0.1%

Table 1: RoHS materials

### Authorized Representative:

Printed Name: David Briggs (CEO)

Signature:  Date: 3/6/2025

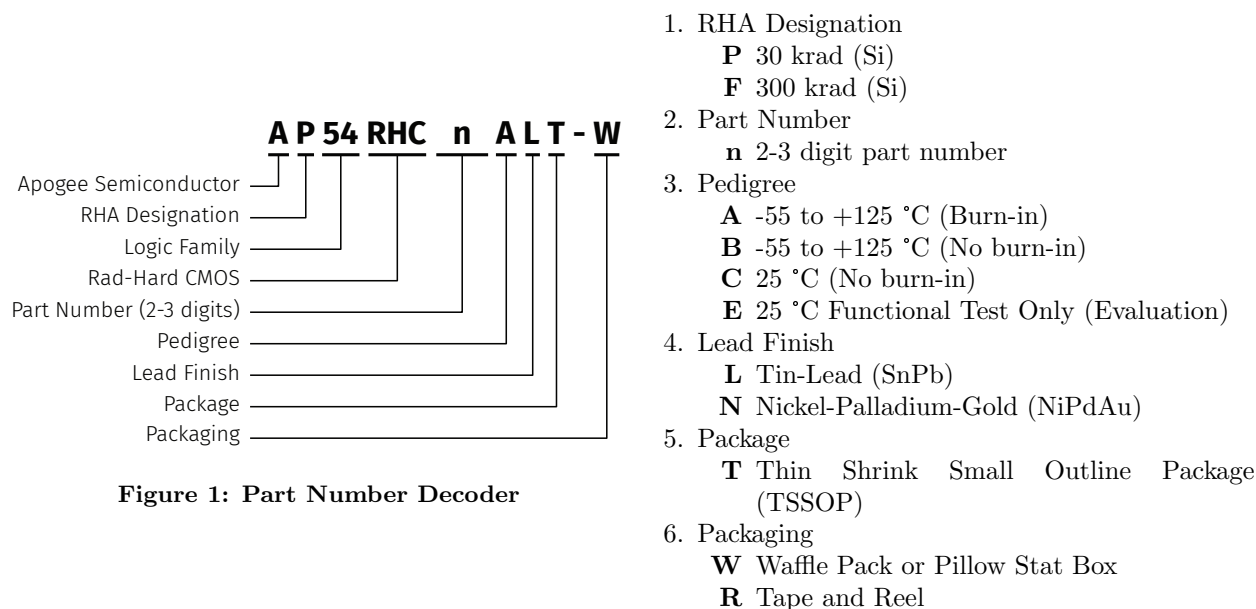
Company name: Apogee Semiconductor

Company Address: 840 Central Pkwy E, Plano, TX 75074. United States



# 1 Identifying Tin-Lead (SnPb) plated components

SnPb plated parts have lead content above the RoHS allowable threshold indicated in 1. These components can be identified by an “L” in the order-able part number indicating a Tin-Lead (SnPb) lead finish as shown in Figure 1.





## 2 Revision History

REVISION	DESCRIPTION	DATE
A00	Initial release.	March 5, 2025

## 3 Legal

All product, product specifications and data are subject to change without notice. Apogee Semiconductor provides technical data (such as datasheets), design resources (including reference designs), reliability data (including performance in radiation environments), application or other design advice, safety information, and other resources “as is” and with all faults, and disclaims all warranties, express and implied, including without limitation any implied warranties of merchantability, fitness for a particular purpose or non-infringement of third party intellectual property rights. These resources are intended for skilled engineers with understanding of high reliability and high radiation environments and its complexities. Apogee Semiconductor is not responsible for: (1) selecting the suitable products for a given application, (2) designing, verifying, validating and testing it, or (3) ensuring that it meets any performance, safety, security, or other requirements. These resources are subject to change without advance notice. The use of these resources is restricted to the development of an application that uses the Apogee Semiconductor products described in them. Other reproduction and display of these resources is prohibited. No license is granted to any other Apogee Semiconductor intellectual property right or to any third-party intellectual property right. Apogee Semiconductor disclaims responsibility and reserves the right to demand indemnification for any claims, damages, costs, losses, and liabilities arising out of wrongful use of these resources. The products are provided subject to Apogee Semiconductor’s [Terms of Sale \(https://www.apogeesemi.com/terms\)](https://www.apogeesemi.com/terms) or other applicable terms provided in conjunction with applicable products. The provision of these resources does not expand or otherwise alter applicable warranties or warranty disclaimers for Apogee Semiconductor products. Purchasers of these products acknowledge that they may be subject to and agree to abide by the United States laws and regulations controlling the export of technical data, computer software, electronic hardware and other commodities. The transfer of such items may require a license from the cognizant agency of the U.S. Government.

## References

- [1] European Parliament and Council, *Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment*, available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32011L0065> (Accessed: 2025-02-27).
- [2] European Parliament and Council, *Directive 2015/863/EU of the European Parliament and of the Council of 23 May 2015 amending Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment*, available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32015L0863> (Accessed: 2025-02-27).
- [3] European Parliament and Council, *Directive (EU) 2017/2102 of the European Parliament and of the Council of 24 October 2017 on the accessibility requirements for public sector bodies’ websites and mobile applications*, available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1512061986553&uri=CELEX:32017L2102> (Accessed: 2025-02-27).