RoHS & REACH Certificate of Compliance

Silvertel hereby declare that Silvertel products comply with the European Directive for the Restriction of use of certain Hazardous Substances (RoHS) including Directive 2015/863 published in 2015 amending Annex II of Directive 2011/65/EU.

Based on information obtained from our suppliers, this document certifies that our products do not contain any of the following banned substances, in quantities which would exceed those specified limits (excluding components used that are approved via exemption 7a – Lead in high melting temperature type solders – Appendix One below shows the Silvertel product range and their exemption status):

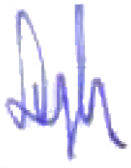
- Lead (Pb): < 1000ppm
- Mercury (Hg): < 1000ppm
- Cadmium (Cd): < 100ppm
- Hexavalent Chromium (Cr6+): < 1000ppm
- Polybrominated Biphenyls (PBBs): < 1000ppm
- Polybrominated Diphenyl Ethers (PBDEs): <1000ppm
- BIS(2-Ethylhexyl) (DEHP): <1000ppm
- Benzyl butyl phthalate (BBP): <1000ppm
- Dibutyl phthalate (DBP): <1000ppm
- Diisobutyl phthalate (DIBP): < 1000 ppm

REACH

Silvertel fully supports the aim of Reach in improving the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. As a downstream user, the products of Silvertel are non-chemical products that are not designed to release any substance under normal and reasonably predictable application scenarios during their lifespan. Therefore, as per REACH requirements, Silvertel products do not need to be registered

Based on information obtained from our suppliers, this document certifies that NO Silvertel product contains > 0.1% by weight of the Substances of the Very High Concern (SVHC) as listed by the European Chemical Agency (ECHA) under the provisions of Regulation No. 1907/2006, including the candidate list released on 23rd Jan 2024 (240 substances), with the exception of Lead, which is contained in some products via RoHS exemption 7a – Lead in high melting temperature type solders - (Appendix One below shows the Silvertel product range and their SVHC status):

All new designs and solutions provided by Silvertel will give due consideration of the need to reduce hazardous substances.



Mr Andrew Pugh
Quality Manager for Silvertel

Appendix One

Silvertel Product range and their ROHS Exemption/SVHC status

Model	RoHS compliant without any Exemptions	RoHS compliant with Exemptions	SVHCs present above a threshold limit of 0.1% weight - (240 elements - January 2024)	CAS No.	% of SVHC	Comment
AG102S	✓	X	None			
AG103D	✓	X	None			
Ag105	✓	X	None			
AG1110	✓	X	None			
AG1110-IT	✓	X	None			
AG1170-D5	✓	X	None			
AG1170-S3	✓	X	None			
AG1170-S5	✓	X	None			
AG1170P-S3	✓	X	None			
AG1170P-S5	✓	X	None			
AG1171	✓	X	None			
AG1171D	✓	X	None			
AG201	✓	X	None			
AG210	✓	X	None			
AG2120D	✓	X	None			
AG2120S	✓	X	None			
AG2130	✓	X	None			
Ag2410	✓	X	None			
AG301	✓	X	None			
AG312	✓	X	None			
AG320R	X	7a	Lead - Multiple components	7439-92-1	<0.15%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG320T	✓	X	None			
AG321T	✓	X	None			
AG5100	✓	X	None			
AG5115	✓	X	None			
AG5200	✓	X	None			
AG5300	✓	X	None			
AG5305	✓	X	None			
AG5324	✓	X	None			
AG5405	✓	X	None			
AG5412	✓	X	None			
AG5424	✓	X	None			
AG5500FE	✓	X	None			
AG5510	✓	X	None			
Ag5700LPB Series	✓	X	None			
AG5800	✓	X	None			
AG5810	✓	X	None			
AG6100-S	X	7a	Lead - Multiple components	7439-92-1	<0.14%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG6110	X	7a	Lead - Multiple components	7439-92-1	<0.14%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG6120	X	7a	Lead - Multiple components	7439-92-1	<0.16%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG6400-S	X	7a	Lead - Multiple components	7439-92-1	<0.13%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG6800	X	7a	Lead - Multiple components	7439-92-1	<0.14%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG7100	✓	X	None			
AG7200	✓	X	None			
AG9050-S	X	7a	Lead - Multiple components	7439-92-1	<0.12%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9120-S	X	7a	Lead - Multiple components	7439-92-1	<0.12%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9205-S	✓	X	None			
AG9312-D	✓	X	None			
AG9330	✓	X	None			
AG9405-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.22%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9405-S	✓	X	None			
AG9412-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.22%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9424-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.22%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9424-S	✓	X	None			
AG9605-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.22%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9612-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.22%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9612-S	✓	X	None			
AG9703-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9703-FL	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9703-S	✓	X	None			
AG9705-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9705-FL	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9705S	✓	X	None			
AG9712-2BR	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9712-FL	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9712S	✓	X	None			
AG9724-FL	X	7a	Lead - Multiple components	7439-92-1	<0.2%	The lead content is not expected to be released from the component parts or to result in exposure during normal and expected use of Silvertel Modules.
AG9803-MT	✓	X	None			
AG9803M	✓	X	None			
AG9805-MT	✓	X	None			
AG9805M	✓	X	None			
AG9812-MT	✓	X	None			
AG9812D	✓	X	None			
AG9812M	✓	X	None			
AG99**-LP Series	✓	X	None			
AG9903M	✓	X	None			
AG9903MT	✓	X	None			
AG99**-LPB Series	✓	X	None			
AG9905M	✓	X	None			
AG9905MT	✓	X	None			
AG9912M	✓	X	None			
AG9912MT	✓	X	None			
AG9924M	✓	X	None			
AG9924MT	✓	X	None			
ST003	✓	X	None			