



ams-OSRAM AG

Tobelbader Strasse 30

A – 8141 Premstaetten, Austria

T. +43.3136.500.49048

www.ams.com

Certificate of RoHS and HF Compliance

AS5172E_AS5172F

This is to certify that our product(s) listed on page two fully comply with below RoHS directives:

EU RoHS Compliance. As declared per Directive 2011/65/EU, quantity limit of 0.1% by mass (1000 ppm) in homogeneous material for: Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr^{+6}), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 ppm) of homogeneous material for Cadmium (Cd).

EU RoHS Phthalates Content. As declared per amendment EU 2015/863, RoHS Phthalates: Bis(2-Ethylhexyl) Phthalate (DEHP), Benzyl Butyl Phthalate (BBP), Dibutyl Phthalate (DBP), and Diisobutyl Phthalate (DIBP), are added in the list of restricted substances with limits of 0.1% by mass (1000 ppm) on the homogeneous material level.

China RoHS. Hazardous substances similar to EU RoHS do not exceed concentration limits, quantity limit of 0.1% by mass (1000 ppm) in homogeneous material for: Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr^{+6}), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 ppm) of homogeneous material for Cadmium (Cd).

中国 RoHS 标准。根据欧盟 RoHS 标准规定，以下有害物质在均质材料中不得超过 0.1% (1000 ppm) 的质量限值：铅 (Pb)、汞 (Hg)、六价铬 (Cr^{+6})、多溴联苯 (PBB)、多溴二苯醚 (PBDE)，另外，均质镉(Cd)材料的质量不得超过 0.01%(100 ppm)。

Halogen Free (HF). Chemical substances chlorine and bromine do not exceed the threshold limits of 0.09% by mass (900 ppm) each, and the sum of these substances does not exceed the limit of 0.15% by mass (1500 ppm).

无卤素 (HF) 检测。化学物质氯和溴在材料中的质量均不得超过 0.09% (900 ppm)，总质量不得超过 0.15% (1500 ppm)。

The information provided in this statement represents our knowledge and belief as of the date that it is provided. We base our knowledge and belief on information provided by third parties and make no representation or warranty as to the accuracy and shall have no liability for the consequences of use of such information. We have taken and continue to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. We and our suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

Ordering Code	Material Number
AS5172E-ASIP	510730019 (AS5172E-ASIP SIP3 LF T&RDP)
AS5172F-ASIP	510730030 (AS5172F-ASIP SIP3 LF T&RDP)