

# RoHS CERTIFICATE OF COMPLIANCE

Date: 12/07/2017

## Infrared Detector Model Numbers:

AF-10E	AP-20505	AT2-28TE	BXP-15E	BXT2-17TF	MAP-15-4
AF-1E	AP-25G	AT2-37T	BXP-25E	BXT2-27	MBXP-15-4
AF-2E	AP-35G	AT2S-38T	BXP-35	BXT2-28TE	MBXT1S-18T-4
AF-4E	AP-58E	BXF-1E	BXP-35F	BXT2-37T	
AF-6E	AP-68	BXF-2	BXT1-28TE	BXT2S-28T	
AP-10305	AT1-27TE	BXF-4	BXT1-37T	BXT2S-38T	
AP-15G	AT1-37T	BXF-6	BXT2-17T	BXT2S-68T	

Opto Diode Corp. certifies that:

Standard A, B, and MCD series Infrared Detectors with model numbers above are in conformity with 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.

The table below lists material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) which may be contained in the product model(s) identified in this declaration. If a homogeneous material within the model(s) contains a RoHS restricted substance in excess of an applicable maximum concentration value (MCV), the RoHS exemption(s) which Opto Diode believes may apply are listed. If the model is an assembly with lower level components, this declaration shall encompass all such components.

Substance	Maximum Concentration (MCV)	Exceeds MCV	Exemption
Lead (Pb)	0.1%	Yes	1, 2, 3
Cadmium (Cd)	0.01%	No	
Mercury (Hg)	0.1%	No	
Hexavalent chromium (Hex-Cr)	0.1%	No	
Polybrominated biphenyls (PBB – fire retardant)	0.1%	No	
Polybrominated diphenyl ethers (PBDE –fire retardant)	0.1%	No	

- (1) **2011/65/EU, Annex IV, Exemption 1c:** Lead, cadmium and mercury in infra-red light detectors (depending on the application)
- (2) **2011/65/EU, Annex III, Exemption 7(a):** Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
- (3) **2011/65/EU, Annex III, Exemption 7(c-I):** Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound



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Quality Assurance Manager

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Opto Diode gathered the information in this declaration using appropriate methods to ensure its accuracy and such information is true and correct to the best of its knowledge and belief. Opto Diode acknowledges that OEM customers will rely on this declaration in determining the compliance of products with European Union member state laws that implement the RoHS Directive. Opto Diode may have relied on information provided by others in completing this declaration, and Opto Diode may not have independently verified such information. Warranty rights and/or remedies as described within Opto Diode's "Standard Terms and Conditions of Sale" are the sole and exclusive source of the Opto Diode's liability and the OEM customer's remedies for issues that arise regarding information Opto Diode provides in this declaration. The signature below is by an authorized representative of Opto Diode.



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