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**Customer info package – ROHS Directive 2011/65/EU
Material DEHP (CAS-117-81-7)**

Light is OSRAM

OSRAM
Opto Semiconductors

Background

According to the RoHS Directive 2011/65/EU, amended by Commission Delegated Directive (EU) 2015/863 the content of the material DEHP (CAS-117-81-7) shall not exceed 0.1% in homogenous materials of Electrical and Electronic Equipment

- from 22.07.2019 onwards for RoHS categories 1-7 and 10-11
 - 1. Large household appliances.
 - 2. Small household appliances.
 - 3. IT and telecommunications equipment.
 - 4. Consumer equipment.
 - 5. Lighting equipment.
 - 6. Electrical and electronic tools.
 - 7. Toys, leisure and sports equipment.
 - 10. Automatic dispensers.
 - 11. Other EEE not covered by any of the categories above.

- from 22.07.2021 onwards for RoHS categories 8-9
 - 8. Medical devices.
 - 9. Monitoring and control instruments including industrial monitoring and control instruments.

Affected Products

We need to inform you that below products are not fulfilling this new requirement and may no longer be used in consumer and household electronic devices (RoHS categories 1-7 and 10-11) from 22.07.2019 onwards within the EU. Datasheets will be modified accordingly.

affected products
BP 104 F
BP 104 FS
BPW 34 F
BPW 34 FS
BPW 34 FSR
SFH 205 F

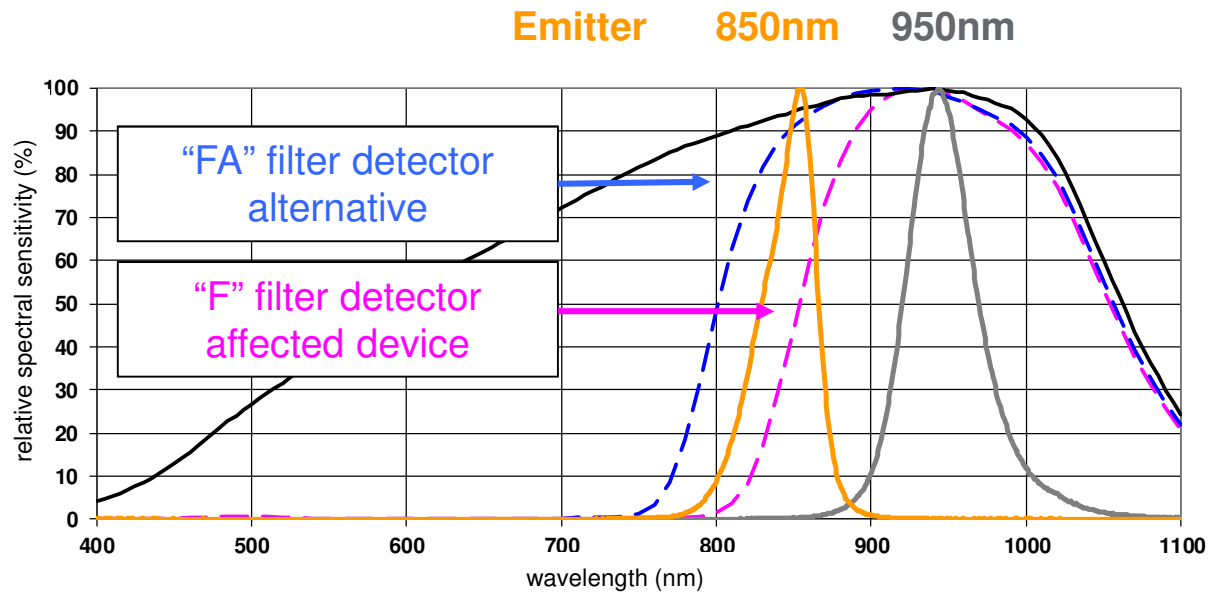
Potential Replacement

Please consider the following products as a potential short term alternative. Kindly refer to the next slide for details.

affected product	most similiar alternative (compatible solder pad layout)	further alternatives (change of solder pad layout)
BP 104 F	not available	BP 104 FAS
BP 104 FS	BP 104 FAS	
BPW 34 F	New: BPW 34 FA	BPW 34 FAS, SFH 2200 FA
BPW 34 FS	BPW 34 FAS	SFH 2200 FA
BPW 34 FSR	BPW 34 FASR	
SFH 205 F	SFH 205 FA	

Potential Replacement

- The proposed most similar alternatives have no difference in terms of dimensions.
- The only difference is in a change of the spectral sensitivity:
 - F-type filter have a close match for 950 nm emitter but a poor match for the 850nm
 - FA-type filter are matching very good for 850 nm and 950 nm emitters
 - FA-type filter show a higher ambient light sensitivity than F-type filter due to the wider sensitivity range towards visible wavelengths



Our Application Team will strongly support you with any further question concerning your specific application. Please contact your Account Manager.

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Thank you.

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