



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPL60R125P7	<b>Issued</b>	11. May 2021
<b>MA#</b>	MA001663540		
<b>Package</b>	PG-VSON-4-1	<b>Weight*</b>	189.39 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	5.679	3.00	3.00	29986	29986
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		107	
	non noble metal	zinc	7440-66-6	0.081	0.04		427	
	non noble metal	iron	7439-89-6	1.619	0.85		8546	
	non noble metal	copper	7440-50-8	65.718	34.70	35.60	347002	356082
wire	non noble metal	copper	7440-50-8	1.586	0.84	0.84	8376	8376
encapsulation	organic material	carbon black	1333-86-4	0.215	0.11		1137	
	plastics	epoxy resin	-	11.087	5.85		58544	
	inorganic material	silicondioxide	60676-86-0	96.343	50.88	56.84	508703	568384
leadfinish	non noble metal	tin	7440-31-5	2.397	1.27	1.27	12659	12659
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1331	1331
solder	non noble metal	tin	7440-31-5	0.088	0.05		464	
	noble metal	silver	7440-22-4	0.110	0.06		580	
	non noble metal	lead	7439-92-1	4.193	2.21	2.32	22138	23182
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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