

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL60R065P7	**Issued**	16. July 2019
MA#	MA005348336		
Package	PG-VSON-4-1	**Weight***	192.13 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	10.430	5.43	5.43	54285	54285
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		105	
	non noble metal	zinc	7440-66-6	0.081	0.04		421	
	non noble metal	iron	7439-89-6	1.619	0.84		8424	
	non noble metal	copper	7440-50-8	65.718	34.21	35.10	342055	351005
wire	non noble metal	copper	7440-50-8	1.632	0.85	0.85	8495	8495
encapsulation	organic material	carbon black	1333-86-4	0.206	0.11		1073	
	plastics	epoxy resin	-	10.615	5.53		55252	
	inorganic material	silicondioxide	60676-86-0	92.241	48.00	53.64	480105	536430
leadfinish	non noble metal	tin	7440-31-5	2.397	1.25	1.25	12479	12479
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1312	1312
solder	non noble metal	tin	7440-31-5	0.138	0.07		720	
	noble metal	silver	7440-22-4	0.173	0.09		900	
	non noble metal	lead	7439-92-1	6.604	3.44	3.60	34374	35994
*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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