



## Material Content Data Sheet



<b>Sales Product Name</b>		IPL60R065C7		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001394030						
<b>Package</b>		PG-VSON-4-1		<b>Weight*</b>		192.23 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	10.303	5.36	5.36	53598	53598
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		8420	
wire	non noble metal	copper	7440-50-8	65.718	34.19	35.08	341881	350827
	non noble metal	copper	7440-50-8	1.820	0.95	0.95	9469	9469
	encapsulation	organic material	carbon black	1333-86-4	0.206	0.11		1073
	plastics	epoxy resin	-	10.624	5.53		55267	
	inorganic material	silicondioxide	60676-86-0	92.314	48.02	53.66	480237	536577
leadfinish	non noble metal	tin	7440-31-5	2.427	1.26	1.26	12628	12628
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1311	1311
solder	noble metal	silver	7440-22-4	0.171	0.09		890	
	non noble metal	tin	7440-31-5	0.137	0.07		712	
	non noble metal	lead	7439-92-1	6.533	3.40	3.56	33988	35590
*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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