



## Material Content Data Sheet



<b>Sales Product Name</b>		IPL60R255P6		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001590534						
<b>Package</b>		PG-VSON-4-1		<b>Weight*</b>		189.59 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	6.823	3.60	3.60	35990	35990
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		8537	
wire	non noble metal	copper	7440-50-8	65.718	34.66	35.56	346635	355706
	non noble metal	copper	7440-50-8	0.967	0.51	0.51	5099	5099
	encapsulation	organic material	carbon black	1333-86-4	0.213	0.11		1125
plastics	plastics	epoxy resin	-	10.988	5.80		57956	
	inorganic material	silicondioxide	60676-86-0	95.477	50.37	56.28	503600	562681
leadfinish	non noble metal	tin	7440-31-5	2.397	1.26	1.26	12646	12646
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1329	1329
solder	noble metal	silver	7440-22-4	0.126	0.07		664	
	non noble metal	tin	7440-31-5	0.101	0.05		531	
	non noble metal	lead	7439-92-1	4.807	2.54	2.66	25354	26549
*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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