



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD60R650CE		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001507196						
<b>Package</b>		PG-TO252-3-344		<b>Weight*</b>		323.33 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	3.063	0.95	0.95	9473	9473
leadframe	non noble metal	iron	7439-89-6	0.177	0.05		548	
	inorganic material	phosphorus	7723-14-0	0.053	0.02		164	
	non noble metal	copper	7440-50-8	176.899	54.70	54.77	547122	547834
wire	non noble metal	aluminium	7429-90-5	4.623	1.43	1.43	14299	14299
encapsulation	organic material	carbon black	1333-86-4	0.659	0.20		2039	
	plastics	epoxy resin	-	17.799	5.51		55051	
	inorganic material	silicondioxide	60676-86-0	113.389	35.07	40.78	350696	407786
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11856	11856
solder	noble metal	silver	7440-22-4	0.071	0.02		219	
	non noble metal	tin	7440-31-5	0.057	0.02		175	
	non noble metal	lead	7439-92-1	2.702	0.84	0.88	8358	8752
*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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