



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD60R800CE		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001504500						
<b>Package</b>		PG-TO252-3-344		<b>Weight*</b>		323.11 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	2.737	0.85	0.85	8470	8470
leadframe	non noble metal	iron	7439-89-6	0.144	0.04		446	
	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	copper	7440-50-8	143.904	44.55	44.60	445378	445958
wire	non noble metal	aluminium	7429-90-5	4.360	1.35	1.35	13495	13495
encapsulation	organic material	carbon black	1333-86-4	0.662	0.20		2049	
	plastics	epoxy resin	-	17.875	5.53		55321	
	inorganic material	silicondioxide	60676-86-0	113.868	35.24	40.97	352418	409788
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11865	11865
solder	noble metal	silver	7440-22-4	0.066	0.02		204	
	non noble metal	tin	7440-31-5	0.053	0.02		163	
	non noble metal	lead	7439-92-1	2.522	0.78	0.82	7806	8173
heatspreader	non noble metal	iron	7439-89-6	0.033	0.01		102	
	inorganic material	phosphorus	7723-14-0	0.010	0.00		31	
	non noble metal	copper	7440-50-8	32.995	10.21	10.22	102118	102251
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com