



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD65R650CE		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001471682						
<b>Package</b>		PG-TO252-3-344		<b>Weight*</b>		323.15 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	3.294	1.02	1.02	10193	10193
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.144	0.04		446	
	non noble metal	copper	7440-50-8	143.904	44.54	44.59	445322	445902
	non noble metal	aluminium	7429-90-5	0.450	0.14	0.14	1392	1392
wire	non noble metal	aluminium	7429-90-5	0.450	0.14	0.14	1392	1392
encapsulation	organic material	carbon black	1333-86-4	0.677	0.21		2096	
	plastics	epoxy resin	-	18.289	5.66		56595	
	inorganic material	silicondioxide	60676-86-0	116.505	36.05	41.92	360533	419224
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11863	11863
solder	non noble metal	tin	7440-31-5	0.059	0.02		184	
	noble metal	silver	7440-22-4	0.074	0.02		230	
	non noble metal	lead	7439-92-1	2.835	0.88	0.92	8774	9188
heatspreader	inorganic material	phosphorus	7723-14-0	0.010	0.00		31	
	non noble metal	iron	7439-89-6	0.033	0.01		102	
	non noble metal	copper	7440-50-8	32.995	10.21	10.22	102105	102238
*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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