



## Material Content Data Sheet



<b>Sales Product Name</b>		IPS60R650CE		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001704034						
<b>Package</b>		PG-TO251-3-346		<b>Weight*</b>		385.82 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	0.79	0.79	7938	7938
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.02		162	
	non noble metal	iron	7439-89-6	0.209	0.05		540	
	non noble metal	copper	7440-50-8	208.238	53.98	54.05	539724	540426
	non noble metal	aluminium	7429-90-5	0.437	0.11	0.11	1134	1134
wire	non noble metal	aluminium	7429-90-5	0.437	0.11	0.11	1134	1134
encapsulation	organic material	carbon black	1333-86-4	0.695	0.18		1802	
	plastics	epoxy resin	-	18.767	4.86		48643	
	inorganic material	silicondioxide	60676-86-0	119.555	30.99	36.03	309872	360317
leadfinish	non noble metal	tin	7440-31-5	7.055	1.83	1.83	18285	18285
solder	non noble metal	tin	7440-31-5	0.057	0.01		147	
	noble metal	silver	7440-22-4	0.071	0.02		183	
	non noble metal	lead	7439-92-1	2.702	0.70	0.73	7004	7334
heatspreader	inorganic material	phosphorus	7723-14-0	0.007	0.00		19	
	non noble metal	iron	7439-89-6	0.025	0.01		65	
	non noble metal	copper	7440-50-8	24.879	6.45	6.46	64482	64566
*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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