



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB65R125C7		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA001697722						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1560.22 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	6.035	0.39	0.39	3868	3868
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	iron	7439-89-6	0.304	0.02		195	
	non noble metal	copper	7440-50-8	304.026	19.49	19.52	194861	195115
	non noble metal	aluminium	7429-90-5	2.884	0.18	0.18	1849	1849
wire	non noble metal	aluminium	7429-90-5	2.884	0.18	0.18	1849	1849
encapsulation	organic material	carbon black	1333-86-4	10.260	0.66		6576	
	plastics	epoxy resin	-	112.864	7.23		72338	
	inorganic material	silicondioxide	60676-86-0	560.899	35.94	43.83	359499	438413
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6189	6189
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147
solder	non noble metal	tin	7440-31-5	0.092	0.01		59	
	noble metal	silver	7440-22-4	0.115	0.01		74	
	non noble metal	lead	7439-92-1	4.388	0.28	0.30	2812	2945
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		351	
	non noble metal	copper	7440-50-8	547.666	35.10	35.15	351018	351474
*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.
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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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