



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI65R099C6		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001031240					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1573.81 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	15.501	0.98	0.98	9849	9849	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.99	54.06	539889	540593	
wire	non noble metal	aluminium	7429-90-5	2.656	0.17	0.17	1687	1687	
encapsulation	organic material	carbon black	1333-86-4	5.766	0.37		3664		
	plastics	epoxy resin	-	109.556	6.96		69612		
	inorganic material	silicondioxide	60676-86-0	461.287	29.31	36.64	293103	366379	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9657	9657	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	non noble metal	antimony	7440-36-0	0.648	0.04		412		
	noble metal	silver	7440-22-4	1.619	0.10		1029		
	non noble metal	tin	7440-31-5	4.210	0.27	0.41	2675	4116	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67486	67574	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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