



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI65R310CFD		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001040718					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1569.69 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	0.38	0.38	3845	3845	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.14	54.21	541305	542011	
wire	non noble metal	aluminium	7429-90-5	2.768	0.18	0.18	1763	1763	
encapsulation	organic material	carbon black	1333-86-4	5.851	0.37		3728		
	plastics	epoxy resin	-	111.172	7.08		70824		
	inorganic material	silicondioxide	60676-86-0	468.092	29.82	37.27	298206	372758	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9682	9682	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	146	
solder	non noble metal	antimony	7440-36-0	0.321	0.02		204		
	noble metal	silver	7440-22-4	0.802	0.05		511		
	non noble metal	tin	7440-31-5	2.086	0.13	0.20	1329	2044	
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	6.77	6.78	67663	67751	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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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 does not use any exemption

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