



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI084N06L3 G		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001065580					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1567.78 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	2.120	0.13	0.13	1307	1307	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		524		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		157		
	non noble metal	copper	7440-50-8	849.682	52.38	52.45	523726	524407	
wire	non noble metal	aluminium	7429-90-5	3.156	0.19	0.19	1945	1945	
encapsulation	organic material	carbon black	1333-86-4	5.884	0.36		3627		
	plastics	epoxy resin	-	111.798	6.89		68910		
	inorganic material	silicondioxide	60676-86-0	470.729	29.01	36.26	290147	362684	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.94	0.94	9367	9367	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		141		
	inorganic material	phosphorus	7723-14-0	0.001	3.37	3.38	33654	33795	
solder	non noble metal	antimony	7440-36-0	0.153	0.01		94		
	noble metal	silver	7440-22-4	0.383	0.02		236		
	non noble metal	tin	7440-31-5	0.996	0.06	0.09	614	944	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		66		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.55	6.56	65465	65551	
*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