



Material Content Data Sheet



Sales Product Name				IPI084N06L3 G		Issued		25. September 2017	
MA#				MA001065580					
Package				PG-TO262-3-1		Weight*		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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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 does not use any exemption

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