



Material Content Data Sheet



Sales Product Name				IPI030N10N3 G		Issued		19. July 2018	
MA#				MA000800282					
Package				PG-TO262-3-1		Weight*		1574.78 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	15.455	0.98	0.98	9814	9814	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.97	54.04	539557	540260	
wire	non noble metal	aluminium	7429-90-5	11.531	0.73	0.73	7322	7322	
encapsulation	organic material	carbon black	1333-86-4	5.688	0.36		3612		
	plastics	epoxy resin	-	108.074	6.86		68628		
	inorganic material	silicondioxide	60676-86-0	455.047	28.90	36.12	288960	361200	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9651	9651	
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	0.642	0.04		408		
	noble metal	silver	7440-22-4	1.604	0.10		1019		
	non noble metal	tin	7440-31-5	4.171	0.26	0.40	2649	4076	
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	6.74	6.75	67444	67532	
*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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