



Material Content Data Sheet



Sales Product Name		IPI045N10N3 G		Issued		22. January 2018		
MA#		MA001709824						
Package		PG-TO262-3-22		Weight*		1566.89 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	8.861	0.57	0.57	5655	5655
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.21	54.28	542273	542979
	non noble metal	aluminium	7429-90-5	9.462	0.60	0.60	6039	6039
wire	organic material	carbon black	1333-86-4	2.281	0.15		1456	
encapsulation	plastics	epoxy resin	-	66.153	4.22		42219	
	inorganic material	silicondioxide	60676-86-0	501.849	32.03	36.40	320283	363958
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9699	9699
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.430	0.03		274	
	noble metal	silver	7440-22-4	1.075	0.07		686	
heatspreader	non noble metal	tin	7440-31-5	2.795	0.18	0.28	1784	2744
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.78	6.79	67784	67872
*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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