



Material Content Data Sheet



Sales Product Name				IPI024N06N3 G		Issued		25. January 2018	
MA#				MA000883990					
Package				PG-TO262-3-1		Weight*		1572.46 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	10.427	0.66	0.66	6631	6631	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	54.04	54.11	540351	541055	
wire	non noble metal	aluminium	7429-90-5	10.137	0.64	0.64	6446	6446	
encapsulation	organic material	carbon black	1333-86-4	5.746	0.37		3654		
	plastics	epoxy resin	-	109.174	6.94		69429		
	inorganic material	silicondioxide	60676-86-0	459.680	29.23	36.54	292332	365415	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9665	9665	
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	0.474	0.03		301		
	noble metal	silver	7440-22-4	1.184	0.08		753		
	non noble metal	tin	7440-31-5	3.078	0.20	0.31	1957	3011	
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	6.75	6.76	67544	67632	
*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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