



Material Content Data Sheet



Sales Product Name				IPI024N06N3 G		Issued		19. July 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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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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