



Material Content Data Sheet



Sales Product Name				IPI037N08N3 G		Issued		1. August 2018	
MA#				MA001709840					
Package				PG-TO262-3-22		Weight*		1565.97 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	7.048	0.45	0.45	4501	4501	
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	54.25	54.32	542593	543299	
	non noble metal	aluminium	7429-90-5	9.462	0.60	0.60	6043	6043	
wire	non noble metal	aluminium	7429-90-5	9.462	0.60	0.60	6043	6043	
encapsulation	organic material	carbon black	1333-86-4	2.288	0.15		1461		
	plastics	epoxy resin	-	66.346	4.24		42368		
	inorganic material	silicondioxide	60676-86-0	503.317	32.14	36.53	321409	365238	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9705	9705	
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054	
solder	non noble metal	antimony	7440-36-0	0.352	0.02		225		
	noble metal	silver	7440-22-4	0.880	0.06		562		
	non noble metal	tin	7440-31-5	2.288	0.15	0.23	1461	2248	
heatspreader	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	67824	67912	
*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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