



Material Content Data Sheet



Sales Product Name				IPI037N08N3 G		Issued		23. January 2018	
MA#				MA000933812					
Package				PG-TO262-3-1		Weight*		1570.99 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	0.43	0.43	4336	4336	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		523		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		157		
	non noble metal	copper	7440-50-8	849.682	52.28	52.35	522689	523369	
wire	non noble metal	aluminium	7429-90-5	10.532	0.65	0.65	6479	6479	
encapsulation	organic material	carbon black	1333-86-4	5.773	0.36		3552		
	plastics	epoxy resin	-	109.694	6.75		67479		
	inorganic material	silicondioxide	60676-86-0	461.868	28.41	35.52	284123	355154	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.93	0.93	9349	9349	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		141		
	inorganic material	phosphorus	7723-14-0	0.001	3.36	3.37	33588	33729	
solder	non noble metal	antimony	7440-36-0	0.352	0.02		216		
	noble metal	silver	7440-22-4	0.879	0.05		541		
	non noble metal	tin	7440-31-5	2.285	0.14	0.21	1406	2163	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		65		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.53	6.54	65336	65421	
*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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