



Material Content Data Sheet



Sales Product Name				IPI072N10N3 G		Issued		24. January 2018	
MA#				MA001709842					
Package				PG-TO262-3-22		Weight*		1564.87 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	5.560	0.36	0.36	3553	3553	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	iron	7439-89-6	0.851	0.05		544		
	non noble metal	copper	7440-50-8	849.682	54.28	54.35	542973	543680	
	non noble metal	aluminium	7429-90-5	5.900	0.38	0.38	3770	3770	
wire	non noble metal	aluminium	7429-90-5	5.900	0.38	0.38	3770	3770	
encapsulation	organic material	carbon black	1333-86-4	2.306	0.15		1473		
	plastics	epoxy resin	-	66.863	4.27		42727		
	inorganic material	silicondioxide	60676-86-0	507.237	32.41	36.83	324140	368340	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9712	9712	
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1055	1055	
solder	non noble metal	antimony	7440-36-0	0.302	0.02		193		
	noble metal	silver	7440-22-4	0.755	0.05		483		
	non noble metal	tin	7440-31-5	1.963	0.13	0.20	1255	1931	
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	6.79	6.80	67871	67959	
*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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