



Material Content Data Sheet



Sales Product Name				IPI072N10N3 G		Issued		1. August 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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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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