



Material Content Data Sheet



Sales Product Name		IPP062NE7N3 G		Issued		25. September 2017			
MA#		MA000820362							
Package		PG-TO220-3-1		Weight*		2031.43 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	3.666	0.18	0.18	1805	1805	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.13	40.18	401358	401882	
wire	non noble metal	aluminium	7429-90-5	6.677	0.33	0.33	3287	3287	
encapsulation	organic material	carbon black	1333-86-4	5.906	0.29		2908		
	plastics	epoxy resin	-	112.223	5.52		55243		
	inorganic material	silicondioxide	60676-86-0	472.518	23.26	29.07	232603	290754	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10565	10565	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.210	0.01		104		
	noble metal	silver	7440-22-4	0.526	0.03		259		
	non noble metal	tin	7440-31-5	1.368	0.07	0.11	674	1037	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290172	290550	
*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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