



Material Content Data Sheet



Sales Product Name				IPP075N15N3 G		Issued		22. January 2018	
MA#				MA001114548					
Package				PG-TO220-3-123		Weight*		2033.16 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	17.562	0.86	0.86	8638	8638	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	40.09	40.14	401018	401540	
wire	non noble metal	aluminium	7429-90-5	8.848	0.44	0.44	4352	4352	
encapsulation	organic material	carbon black	1333-86-4	2.279	0.11		1121		
	plastics	epoxy resin	-	66.085	3.25		32503		
	inorganic material	silicondioxide	60676-86-0	501.331	24.66	28.02	246577	280201	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10556	10556	
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	867	867	
solder	non noble metal	antimony	7440-36-0	0.720	0.04		354		
	noble metal	silver	7440-22-4	1.801	0.09		886		
	non noble metal	tin	7440-31-5	4.682	0.23	0.36	2303	3543	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	28.99	29.03	289926	290303	
*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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