



Material Content Data Sheet



Sales Product Name	IPP037N06L3 G			Issued		23. January 2020		
MA#	MA000840914							
Package	PG-TO220-3-123			Weight*		2028.65 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	5.184	0.26	0.26	2555	2555
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.17	40.22	401911	402434
wire	non noble metal	aluminium	7429-90-5	7.414	0.37	0.37	3655	3655
encapsulation	organic material	carbon black	1333-86-4	2.334	0.12		1150	
	plastics	epoxy resin	-	67.673	3.34		33359	
	inorganic material	silicondioxide	60676-86-0	513.382	25.31	28.77	253066	287575
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10580	10580
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869
solder	non noble metal	antimony	7440-36-0	0.281	0.01		138	
	noble metal	silver	7440-22-4	0.702	0.03		346	
	non noble metal	tin	7440-31-5	1.824	0.09	0.13	899	1383
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.06	29.10	290571	290949
*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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