



Material Content Data Sheet



Sales Product Name		IPP057N08N3 G		Issued		2. August 2018		
MA#		MA000758284						
Package		PG-TO220-3-123		Weight*		2026.68 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	4.423	0.22	0.22	2182	2182
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		403	
	non noble metal	copper	7440-50-8	815.335	40.21	40.26	402300	402824
	non noble metal	aluminium	7429-90-5	5.309	0.26	0.26	2620	2620
wire	non noble metal	aluminium	7429-90-5	5.309	0.26	0.26	2620	2620
encapsulation	organic material	carbon black	1333-86-4	2.339	0.12		1154	
	plastics	epoxy resin	-	67.822	3.35		33465	
	inorganic material	silicondioxide	60676-86-0	514.511	25.39	28.86	253870	288489
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10590	10590
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.242	0.01		119	
	noble metal	silver	7440-22-4	0.605	0.03		298	
	non noble metal	tin	7440-31-5	1.572	0.08	0.12	776	1193
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	29.09	29.13	290854	291232
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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