



Material Content Data Sheet



Sales Product Name		IPP075N15N3 G		Issued		31. July 2018		
MA#		MA001293366						
Package		PG-TO220-3-123		Weight*		2033.14 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	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.10	40.15	401023	401545
	non noble metal	aluminium	7429-90-5	8.626	0.42	0.42	4243	4243
wire	non noble metal	aluminium	7429-90-5	8.626	0.42	0.42	4243	4243
encapsulation	organic material	carbon black	1333-86-4	2.280	0.11		1121	
	plastics	epoxy resin	-	66.107	3.25		32515	
	inorganic material	silicondioxide	60676-86-0	501.502	24.67	28.03	246665	280301
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	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.99	29.03	289930	290307
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com