



Material Content Data Sheet



Sales Product Name				IPI530N15N3 G		Issued		25. January 2018	
MA#				MA001705022					
Package				PG-TO262-3-22		Weight*		1563.20 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	2.621	0.17	0.17	1677	1677	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	iron	7439-89-6	0.851	0.05		544		
wire	non noble metal	copper	7440-50-8	849.682	54.35	54.42	543554	544261	
	non noble metal	aluminium	7429-90-5	3.093	0.20	0.20	1979	1979	
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1488		
	plastics	epoxy resin	-	67.455	4.32		43152		
leadfinish	inorganic material	silicondioxide	60676-86-0	511.729	32.74	37.21	327361	372001	
	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9722	9722	
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056	
solder	non noble metal	antimony	7440-36-0	0.199	0.01		127		
	noble metal	silver	7440-22-4	0.497	0.03		318		
heatspreader	non noble metal	tin	7440-31-5	1.293	0.08	0.12	827	1272	
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	iron	7439-89-6	0.106	0.01		68		
	non noble metal	copper	7440-50-8	106.210	6.79	6.80	67944	68032	
*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