



Material Content Data Sheet



Sales Product Name		IPI530N15N3 G		Issued		1. August 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.
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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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