



Material Content Data Sheet



Sales Product Name		IPI530N15N3 G		Issued		19. July 2018		
MA#		MA001065588						
Package		PG-TO262-3-1		Weight*		1568.20 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	1672	1672
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.19	54.26	541819	542526
wire	non noble metal	aluminium	7429-90-5	3.012	0.19	0.19	1920	1920
encapsulation	organic material	carbon black	1333-86-4	5.880	0.38		3750	
	plastics	epoxy resin	-	111.722	7.12		71243	
	inorganic material	silicondioxide	60676-86-0	470.410	30.00	37.50	299969	374962
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9691	9691
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	146
solder	non noble metal	antimony	7440-36-0	0.199	0.01		127	
	noble metal	silver	7440-22-4	0.497	0.03		317	
	non noble metal	tin	7440-31-5	1.292	0.08	0.12	824	1268
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68	
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67727	67815
*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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