

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI530N15N3 G	**Issued**	12. May 2021
MA#	MA001705022		
Package	PG-TO262-3-22	**Weight***	1563.96 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	1676	1676
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
	non noble metal	copper	7440-50-8	849.682	54.33	54.40	543292	543999
wire	non noble metal	aluminium	7429-90-5	3.849	0.25	0.25	2461	2461
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1487	
	plastics	epoxy resin	-	67.455	4.31		43131	
	inorganic material	silicondioxide	60676-86-0	511.729	32.72	37.18	327202	371820
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9717	9717
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	
	non noble metal	tin	7440-31-5	1.293	0.08	0.12	827	1272
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			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	67911	67999
*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.
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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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