

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI072N10N3 G	**Issued**	04. April 2021
MA#	MA001709842		
Package	PG-TO262-3-22	**Weight***	1566.31 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	5.560	0.36	0.36	3550	3550
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.23	54.30	542475	543181
wire	non noble metal	aluminium	7429-90-5	7.341	0.47	0.47	4687	4687
encapsulation	organic material	carbon black	1333-86-4	2.306	0.15		1472	
	plastics	epoxy resin	-	66.863	4.27		42688	
	inorganic material	silicondioxide	60676-86-0	507.237	32.38	36.80	323842	368002
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9703	9703
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.302	0.02		193	
	noble metal	silver	7440-22-4	0.754	0.05		481	
	non noble metal	tin	7440-31-5	1.961	0.13	0.20	1252	1926
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	6.78	6.79	67809	67897
*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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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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