



## Material Content Data Sheet



Halogen-Free

Sales Product Name	IPI075N15N3 G	Issued	24. June 2021
MA#	MA001154584		
Package	PG-TO262-3-1	Weight*	1577.57 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	17.562	1.11	1.11	11133	11133
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		539	
	non noble metal	copper	7440-50-8	849.682	53.87	53.94	538602	539303
wire	non noble metal	aluminium	7429-90-5	10.952	0.69	0.69	6943	6943
encapsulation	organic material	carbon black	1333-86-4	5.693	0.36		3609	
	plastics	epoxy resin	-	108.166	6.86		68565	
	inorganic material	silicondioxide	60676-86-0	455.436	28.87	36.09	288695	360869
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9634	9634
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	145	146
solder	non noble metal	antimony	7440-36-0	0.719	0.05		456	
	noble metal	silver	7440-22-4	1.799	0.11		1140	
	non noble metal	tin	7440-31-5	4.676	0.30	0.46	2964	4560
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		67	
	non noble metal	copper	7440-50-8	106.210	6.73	6.74	67325	67412
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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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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