



Material Content Data Sheet



Sales Product Name				IPI075N15N3 G		Issued		24. January 2018	
MA#				MA001154584					
Package				PG-TO262-3-1		Weight*		1575.42 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	11148	11148	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	iron	7439-89-6	0.851	0.05		540		
	non noble metal	copper	7440-50-8	849.682	53.94	54.01	539337	540039	
	non noble metal	aluminium	7429-90-5	8.802	0.56	0.56	5587	5587	
wire	non noble metal	aluminium	7429-90-5	8.802	0.56	0.56	5587	5587	
encapsulation	organic material	carbon black	1333-86-4	5.693	0.36		3614		
	plastics	epoxy resin	-	108.166	6.87		68659		
	inorganic material	silicondioxide	60676-86-0	455.436	28.91	36.14	289089	361362	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9647	9647	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		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		457		
	noble metal	silver	7440-22-4	1.799	0.11		1142		
	non noble metal	tin	7440-31-5	4.676	0.30	0.46	2968	4567	
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	iron	7439-89-6	0.106	0.01		67		
	non noble metal	copper	7440-50-8	106.210	6.74	6.75	67417	67504	
*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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