



Material Content Data Sheet



Sales Product Name				IPI030N10N3 G		Issued		20. July 2018	
MA#				MA001384060					
Package				PG-TO262-3-1		Weight*		1574.88 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	15.455	0.98	0.98	9813	9813	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.97	54.04	539521	540224	
wire	non noble metal	aluminium	7429-90-5	10.780	0.68	0.68	6845	6845	
encapsulation	organic material	carbon black	1333-86-4	5.695	0.36		3616		
	plastics	epoxy resin	-	108.200	6.87		68704		
	inorganic material	silicondioxide	60676-86-0	455.579	28.93	36.16	289279	361599	
leadfinish	non noble metal	tin	7440-31-5	15.388	0.98	0.98	9771	9771	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	non noble metal	antimony	7440-36-0	0.642	0.04		407		
	noble metal	silver	7440-22-4	1.604	0.10		1019		
	non noble metal	tin	7440-31-5	4.171	0.26	0.40	2649	4075	
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	6.74	6.75	67440	67528	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com