



Material Content Data Sheet



Sales Product Name		IGP15N60T		Issued		19. July 2018			
MA#		MA001072458							
Package		PG-TO220-3-1		Weight*		2031.18 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	1.597	0.08	0.08	786	786	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.13	40.18	401408	401932	
wire	non noble metal	aluminium	7429-90-5	13.440	0.66	0.66	6617	6617	
encapsulation	organic material	carbon black	1333-86-4	5.866	0.29		2888		
	plastics	epoxy resin	-	111.451	5.49		54870		
	inorganic material	silicondioxide	60676-86-0	469.268	23.10	28.88	231032	288790	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10566	10566	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.122	0.01		60		
	noble metal	silver	7440-22-4	0.306	0.02		151		
	non noble metal	tin	7440-31-5	0.795	0.04	0.07	392	603	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290208	290586	
*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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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