



Material Content Data Sheet



Sales Product Name		IGP15N60T		Issued		25. September 2017		
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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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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