



Material Content Data Sheet



Sales Product Name		IGP30N65F5		Issued		19. January 2018		
MA#		MA001133466						
Package		PG-TO220-3-1		Weight*		2030.52 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	1.638	0.08	0.08	807	807
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	40.15	40.20	401539	402063
wire	non noble metal	aluminium	7429-90-5	6.156	0.30	0.30	3032	3032
encapsulation	organic material	carbon black	1333-86-4	5.929	0.29		2920	
	plastics	epoxy resin	-	112.659	5.55		55483	
	inorganic material	silicondioxide	60676-86-0	474.353	23.36	29.20	233612	292015
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10570	10570
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	0.145	0.01		71	
	noble metal	silver	7440-22-4	0.362	0.02		178	
	non noble metal	tin	7440-31-5	0.940	0.05	0.08	463	712
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	29.03	29.07	290303	290681
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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