



Material Content Data Sheet



Sales Product Name		IPP060N06N		Issued		25. January 2018		
MA#		MA001635272						
Package		PG-TO220-3-1		Weight*		2033.01 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	1.049	0.05	0.05	516	516
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.11	40.16	401048	401570
	non noble metal	aluminium	7429-90-5	2.955	0.15	0.15	1454	1454
wire	non noble metal	aluminium	7429-90-5	2.955	0.15	0.15	1454	1454
encapsulation	organic material	carbon black	1333-86-4	8.993	0.44		4423	
	plastics	epoxy resin	-	98.921	4.87		48658	
	inorganic material	silicondioxide	60676-86-0	491.609	24.18	29.49	241814	294895
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10557	10557
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121
solder	non noble metal	tin	7440-31-5	0.023	0.00		11	
	noble metal	silver	7440-22-4	0.029	0.00		14	
	non noble metal	lead	7439-92-1	1.091	0.05	0.05	537	562
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.99	29.03	289948	290325
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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