



Material Content Data Sheet



Sales Product Name				IPD06P007N		Issued		12. February 2019	
MA#				MA001720664					
Package				PG-TO252-3-313		Weight*		316.68 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	0.562	0.18	0.18	1774	1774	
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		140		
	non noble metal	iron	7439-89-6	0.147	0.05		465		
	non noble metal	copper	7440-50-8	147.096	46.44	46.50	464496	465101	
	non noble metal	aluminium	7429-90-5	0.554	0.18	0.18	1750	1750	
wire	non noble metal	aluminium	7429-90-5	0.554	0.18	0.18	1750	1750	
encapsulation	organic material	carbon black	1333-86-4	1.430	0.45		4517		
	plastics	epoxy resin	-	25.032	7.90		79046		
	inorganic material	silicondioxide	60676-86-0	116.578	36.81	45.16	368128	451691	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11810	11810	
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11		
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4486	4497	
solder	non noble metal	tin	7440-31-5	0.017	0.01		55		
	noble metal	silver	7440-22-4	0.022	0.01		68		
	non noble metal	lead	7439-92-1	0.829	0.26	0.28	2617	2740	
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	iron	7439-89-6	0.019	0.01		61		
	non noble metal	copper	7440-50-8	19.177	6.06	6.07	60558	60637	
*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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