



Material Content Data Sheet



Sales Product Name				IPD127N06L G		Issued		26. September 2017	
MA#				MA000662002					
Package				PG-TO252-3-311		Weight*		315.20 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	4.029	1.28	1.28	12781	12781	
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		136		
	non noble metal	iron	7439-89-6	0.143	0.05		455		
	non noble metal	copper	7440-50-8	143.098	45.40	45.46	453988	454579	
	non noble metal	aluminium	7429-90-5	2.190	0.69	0.69	6948	6948	
wire	inorganic material	antimonytrioxide	1309-64-4	1.953	0.62		6195		
encapsulation	plastics	brominated resin	-	2.092	0.66		6637		
	organic material	carbon black	1333-86-4	2.232	0.71		7080		
	plastics	epoxy resin	-	18.829	5.97		59735		
	inorganic material	silicondioxide	60676-86-0	114.366	36.28	44.24	362835	442482	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.19	1.19	11866	11866	
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1		
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	274	275	
solder	non noble metal	tin	7440-31-5	0.064	0.02		203		
	noble metal	silver	7440-22-4	0.080	0.03		254		
	non noble metal	lead	7439-92-1	3.055	0.97	1.02	9691	10148	
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	6.08	6.09	60842	60921	
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com