



## Material Content Data Sheet



<b>Sales Product Name</b>	IPD127N06L G	<b>Issued</b>	24. February 2022
<b>MA#</b>	MA005700852		
<b>Package</b>	PG-TO252-3-311	<b>Weight*</b>	315.77 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	12758	12758
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		136	
	non noble metal	iron	7439-89-6	0.143	0.05		454	
	non noble metal	copper	7440-50-8	143.098	45.31	45.37	453173	453763
wire	non noble metal	aluminium	7429-90-5	2.725	0.86	0.86	8630	8630
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.953	0.62		6184	
	plastics	brominated resin	-	2.092	0.66		6625	
	organic material	carbon black	1333-86-4	2.232	0.71		7067	
	plastics	epoxy resin	-	18.829	5.96		59628	
	inorganic material	silicondioxide	60676-86-0	114.366	36.22	44.17	362184	441688
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11844	11844
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	274	275
solder	non noble metal	tin	7440-31-5	0.065	0.02		205	
	noble metal	silver	7440-22-4	0.081	0.03		256	
	non noble metal	lead	7439-92-1	3.085	0.98	1.03	9770	10231
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		61	
	non noble metal	copper	7440-50-8	19.177	6.07	6.08	60732	60811
*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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