



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD25N06S4L-30		<b>Issued</b>		16. January 2015		
<b>MA#</b>		MA000988236						
<b>Package</b>		PG-TO252-3-11		<b>Weight*</b>		369.11 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	0.678	0.18	0.18	1838	1838
leadframe	non noble metal	iron	7439-89-6	0.215	0.06		583	
	inorganic material	phosphorus	7723-14-0	0.065	0.02		175	
	non noble metal	copper	7440-50-8	215.017	58.25	58.33	582530	583288
wire	non noble metal	aluminium	7429-90-5	0.727	0.20	0.20	1969	1969
encapsulation	organic material	carbon black	1333-86-4	1.283	0.35		3475	
	plastics	epoxy resin	-	22.449	6.08		60820	
	inorganic material	silicondioxide	60676-86-0	104.548	28.32	34.75	283245	347540
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10133	10133
plating	non noble metal	nickel	7440-02-0	0.091	0.02		246	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	247
solder	noble metal	silver	7440-22-4	0.027	0.01		74	
	non noble metal	tin	7440-31-5	0.022	0.01		59	
	non noble metal	lead	7439-92-1	1.044	0.28	0.30	2828	2961
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		52	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		16	
	non noble metal	copper	7440-50-8	19.177	5.20	5.21	51956	52024
*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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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