



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI50N10S3L-16		<b>Issued</b>		29. August 2013	
<b>MA#</b>				MA000408314					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1573.60 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	4.429	0.28	0.28	2814	2814	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.99	54.06	539962	540666	
wire	non noble metal	aluminium	7429-90-5	5.320	0.34	0.34	3381	3381	
encapsulation	organic material	carbon black	1333-86-4	8.810	0.56		5599		
	plastics	epoxy resin	-	96.909	6.16		61584		
	inorganic material	silicondioxide	60676-86-0	481.608	30.61	37.33	306056	373239	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9658	9658	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	noble metal	silver	7440-22-4	0.099	0.01		63		
	non noble metal	tin	7440-31-5	0.079	0.00		50		
	non noble metal	lead	7439-92-1	3.779	0.24	0.25	2401	2514	
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	iron	7439-89-6	0.106	0.01		68		
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67495	67583	
*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.

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