



## Material Content Data Sheet



<b>Sales Product Name</b>		IDV20E65D1		<b>Issued</b>		16. January 2015			
<b>MA#</b>		MA001171122							
<b>Package</b>		PG-TO220-2-22		<b>Weight*</b>		2180.74 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	0.903	0.04	0.04	414	414	
leadframe	non noble metal	iron	7439-89-6	1.053	0.05		483		
	inorganic material	phosphorus	7723-14-0	0.316	0.01		145		
	non noble metal	copper	7440-50-8	1051.163	48.22	48.28	482020	482648	
wire	non noble metal	aluminium	7429-90-5	5.155	0.24	0.24	2364	2364	
encapsulation	organic material	carbon black	1333-86-4	2.236	0.10		1025		
	plastics	epoxy resin	-	209.637	9.61		96131		
	inorganic material	silicondioxide	60676-86-0	902.865	41.40	51.11	414017	511173	
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2506	2506	
plating	non noble metal	nickel	7440-02-0	1.114	0.05		511		
	inorganic material	phosphorus	7723-14-0	0.003	0.00	0.05	1	512	
solder	non noble metal	antimony	7440-36-0	0.083	0.00		38		
	noble metal	silver	7440-22-4	0.209	0.01		96		
	non noble metal	tin	7440-31-5	0.543	0.02	0.03	249	383	
*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 does not use any exemption.

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