



## Material Content Data Sheet



<b>Sales Product Name</b>		IDV08E65D2		<b>Issued</b>		3. February 2016			
<b>MA#</b>		MA000997630							
<b>Package</b>		PG-TO220-2-22		<b>Weight*</b>		2175.61 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	0.448	0.02	0.02	206	206	
leadframe	non noble metal	iron	7439-89-6	1.053	0.05		484		
	inorganic material	phosphorus	7723-14-0	0.316	0.01		145		
	non noble metal	copper	7440-50-8	1051.163	48.32	48.38	483157	483786	
wire	non noble metal	aluminium	7429-90-5	1.283	0.06	0.06	590	590	
encapsulation	organic material	carbon black	1333-86-4	2.229	0.10		1024		
	plastics	epoxy resin	-	209.492	9.63		96291		
	inorganic material	silicondioxide	60676-86-0	902.597	41.49	51.22	414871	512186	
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2512	2512	
plating	non noble metal	nickel	7440-02-0	1.114	0.05		512		
	inorganic material	phosphorus	7723-14-0	0.003	0.00	0.05	1	513	
solder	non noble metal	antimony	7440-36-0	0.045	0.00		21		
	noble metal	silver	7440-22-4	0.112	0.01		52		
	non noble metal	tin	7440-31-5	0.292	0.01	0.02	134	207	
*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.
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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.

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