



## Material Content Data Sheet



<b>Sales Product Name</b>		IDV30E65D2		<b>Issued</b>		16. January 2015		
<b>MA#</b>		MA001171158						
<b>Package</b>		PG-TO220-2-22		<b>Weight*</b>		2181.43 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	1.287	0.06	0.06	590	590
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	48.19	48.25	481867	482495
wire	non noble metal	aluminium	7429-90-5	5.460	0.25	0.25	2503	2503
encapsulation	organic material	carbon black	1333-86-4	2.234	0.10		1024	
	plastics	epoxy resin	-	209.571	9.61		96071	
	inorganic material	silicondioxide	60676-86-0	902.617	41.38	51.09	413774	510869
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2505	2505
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	0.115	0.01		53	
	noble metal	silver	7440-22-4	0.287	0.01		131	
	non noble metal	tin	7440-31-5	0.745	0.03	0.05	342	526
*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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