



## Material Content Data Sheet



<b>Sales Product Name</b>		IDV20E65D1		<b>Issued</b>		27. September 2017			
<b>MA#</b>		MA001458598							
<b>Package</b>		PG-TO220-2-23		<b>Weight*</b>		2158.18 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	418	418	
leadframe	non noble metal	iron	7439-89-6	1.021	0.05		473		
	inorganic material	phosphorus	7723-14-0	0.306	0.01		142		
	non noble metal	copper	7440-50-8	1020.042	47.27	47.33	472639	473254	
wire	non noble metal	aluminium	7429-90-5	5.856	0.27	0.27	2714	2714	
encapsulation	organic material	carbon black	1333-86-4	2.252	0.10		1043		
	plastics	epoxy resin	-	211.170	9.78		97846		
	inorganic material	silicondioxide	60676-86-0	909.468	42.14	52.02	421405	520294	
leadfinish	non noble metal	tin	7440-31-5	5.534	0.26	0.26	2564	2564	
plating	non noble metal	nickel	7440-02-0	0.797	0.04	0.04	369	369	
solder	non noble metal	antimony	7440-36-0	0.083	0.00		39		
	noble metal	silver	7440-22-4	0.209	0.01		97		
	non noble metal	tin	7440-31-5	0.543	0.03	0.04	251	387	
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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