



Material Content Data Sheet



Sales Product Name		IDP15E65D1		Issued		26. September 2017		
MA#		MA001015614						
Package		PG-TO220-2-1		Weight*		1963.57 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	0.742	0.04	0.04	378	378
leadframe	non noble metal	iron	7439-89-6	0.753	0.04		383	
	inorganic material	phosphorus	7723-14-0	0.226	0.01		115	
	non noble metal	copper	7440-50-8	751.797	38.29	38.34	382871	383370
wire	non noble metal	aluminium	7429-90-5	2.544	0.13	0.13	1296	1296
encapsulation	organic material	carbon black	1333-86-4	6.019	0.31		3065	
	plastics	epoxy resin	-	114.360	5.82		58241	
	inorganic material	silicondioxide	60676-86-0	481.514	24.52	30.65	245223	306529
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7378	7378
plating	non noble metal	nickel	7440-02-0	0.198	0.01		101	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	1	101
solder	non noble metal	antimony	7440-36-0	0.070	0.00		36	
	noble metal	silver	7440-22-4	0.175	0.01		89	
	non noble metal	tin	7440-31-5	0.455	0.02	0.03	231	356
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		301	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		90	
	non noble metal	copper	7440-50-8	589.466	30.02	30.06	300201	300592
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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