



Material Content Data Sheet



Sales Product Name		IDP08E65D1		Issued		29. August 2013		
MA#		MA001015612						
Package		PG-TO220-2-1		Weight*		1963.13 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	0.330	0.02	0.02	168	168
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	382959	383458
wire	non noble metal	aluminium	7429-90-5	1.247	0.06	0.06	635	635
encapsulation	organic material	carbon black	1333-86-4	6.035	0.31		3074	
	plastics	epoxy resin	-	114.656	5.84		58405	
	inorganic material	silicondioxide	60676-86-0	482.762	24.59	30.74	245914	307393
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7379	7379
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	0.041	0.00		21	
	noble metal	silver	7440-22-4	0.101	0.01		52	
	non noble metal	tin	7440-31-5	0.263	0.01	0.02	134	207
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	30.03	30.07	300268	300659
*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.

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