



Material Content Data Sheet



Sales Product Name		IPD85P04P4-07		Issued		29. August 2013		
MA#		MA000876408						
Package		PG-TO252-3-313		Weight*		318.63 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	2.544	0.80	0.80	7985	7985
leadframe	non noble metal	iron	7439-89-6	0.147	0.05		462	
	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	copper	7440-50-8	147.096	46.17	46.23	461660	462261
wire	non noble metal	aluminium	7429-90-5	4.411	1.38	1.38	13843	13843
encapsulation	organic material	carbon black	1333-86-4	1.377	0.43		4322	
	plastics	epoxy resin	-	24.101	7.56		75639	
	inorganic material	silicondioxide	60676-86-0	112.240	35.23	43.22	352264	432225
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11738	11738
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4458	4469
solder	noble metal	silver	7440-22-4	0.057	0.02		180	
	non noble metal	tin	7440-31-5	0.046	0.01		144	
	non noble metal	lead	7439-92-1	2.195	0.69	0.72	6889	7213
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	6.02	6.03	60188	60266
*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