



## Material Content Data Sheet



<b>Sales Product Name</b>		IPZ60R099C7		<b>Issued</b>		9. June 2015		
<b>MA#</b>		MA001304842						
<b>Package</b>		PG-TO247-4-1		<b>Weight*</b>		6163.88 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	6.630	0.11	0.11	1076	1076
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		469	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	copper	7440-50-8	2885.760	46.81	46.87	468171	468781
wire	non noble metal	aluminium	7429-90-5	3.560	0.06	0.06	578	578
encapsulation	organic material	carbon black	1333-86-4	20.112	0.33		3263	
	plastics	epoxy resin	-	382.128	6.20		61995	
	inorganic material	silicondioxide	60676-86-0	1608.962	26.10	32.63	261030	326288
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3745	3745
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	316	316
solder	non noble metal	antimony	7440-36-0	0.343	0.01		56	
	noble metal	silver	7440-22-4	0.858	0.01		139	
	non noble metal	tin	7440-31-5	2.231	0.04	0.06	362	557
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		199	
	non noble metal	copper	7440-50-8	1222.919	19.84	19.87	198400	198659
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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