



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R125C6		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA001075710							
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2136.33 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	11.388	0.53	0.53	5331	5331	
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670		
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201		
	non noble metal	copper	7440-50-8	1428.770	66.89	66.98	668797	669668	
wire	non noble metal	aluminium	7429-90-5	2.995	0.14	0.14	1402	1402	
encapsulation	organic material	carbon black	1333-86-4	3.315	0.16		1552		
	plastics	epoxy resin	-	129.295	6.05		60522		
	inorganic material	silicondioxide	60676-86-0	530.443	24.83	31.04	248297	310371	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.00	1.00	10046	10046	
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826	
solder	non noble metal	antimony	7440-36-0	0.503	0.02		236		
	noble metal	silver	7440-22-4	1.258	0.06		589		
	non noble metal	tin	7440-31-5	3.272	0.15	0.23	1531	2356	
*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