



Material Content Data Sheet



Sales Product Name				IPW65R125C7		Issued		29. August 2013	
MA#				MA001085990					
Package				PG-TO247-3-41		Weight*		6047.58 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	6.035	0.10	0.10	998	998	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87484	87598	
wire	non noble metal	aluminium	7429-90-5	4.110	0.07	0.07	680	680	
encapsulation	organic material	carbon black	1333-86-4	20.010	0.33		3309		
	plastics	epoxy resin	-	380.199	6.29		62868		
	inorganic material	silicondioxide	60676-86-0	1600.837	26.47	33.09	264707	330884	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806	
solder	non noble metal	antimony	7440-36-0	0.321	0.01		53		
	noble metal	silver	7440-22-4	0.802	0.01		133		
	non noble metal	tin	7440-31-5	2.086	0.03	0.05	345	531	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.84	56.92	568492	569232	
*deviation	< 10%					Sum in total:	100,00	1000000	

Important Remarks:

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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.

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