



Material Content Data Sheet



Sales Product Name		IPW60R075CPA		Issued		29. August 2013		
MA#		MA000772964						
Package		PG-TO247-3-41		Weight*		6052.75 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	21.357	0.35	0.35	3528	3528
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		656	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.52	65.61	655417	656270
wire	non noble metal	aluminium	7429-90-5	8.170	0.14	0.14	1350	1350
encapsulation	organic material	carbon black	1333-86-4	19.835	0.33		3277	
	plastics	epoxy resin	-	376.868	6.23		62264	
	inorganic material	silicondioxide	60676-86-0	1586.813	26.22	32.78	262164	327705
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5266	5266
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.653	0.01		108	
	noble metal	silver	7440-22-4	1.631	0.03		270	
	non noble metal	tin	7440-31-5	4.242	0.07	0.11	701	1079
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

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