



Material Content Data Sheet



Sales Product Name				IPD60R3K3C6		Issued		29. August 2013	
MA#				MA001070324					
Package				PG-TO252-3-311		Weight*		313.02 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	1.000	0.32	0.32	3193	3193	
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		458		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		137		
	non noble metal	copper	7440-50-8	143.098	45.72	45.78	457149	457744	
wire	non noble metal	aluminium	7429-90-5	0.527	0.17	0.17	1684	1684	
encapsulation	inorganic material	antimonytrioxide	1309-64-4	2.013	0.64		6430		
	plastics	brominated resin	-	2.157	0.69		6889		
	organic material	carbon black	1333-86-4	2.300	0.73		7349		
	plastics	epoxy resin	-	19.409	6.20		62005		
	inorganic material	silicondioxide	60676-86-0	117.892	37.66	45.92	376624	459297	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.19	1.19	11948	11948	
plating	non noble metal	nickel	7440-02-0	0.086	0.03		276		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	277	
solder	noble metal	silver	7440-22-4	0.035	0.01		113		
	non noble metal	tin	7440-31-5	0.028	0.01		90		
	non noble metal	lead	7439-92-1	1.349	0.43	0.45	4310	4513	
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	iron	7439-89-6	0.019	0.01		61		
	non noble metal	copper	7440-50-8	19.177	6.13	6.14	61265	61344	
*deviation	< 10%					Sum in total:	100.00	1000000	

Important Remarks:

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