



Material Content Data Sheet



Sales Product Name				ICE3BR2565JF		Issued		29. August 2013	
MA#				MA000972822					
Package				PG-TO220-6-247		Weight*		1860.18 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	3.175	0.17	0.17	1707	1707	
ball_bumps	noble metal	gold	7440-57-5	0.010	0.00	0.00	5	5	
leadframe	non noble metal	iron	7439-89-6	0.438	0.02		235		
	inorganic material	phosphorus	7723-14-0	0.131	0.01		71		
	non noble metal	copper	7440-50-8	437.355	23.51	23.54	235115	235421	
wire	non noble metal	copper	7440-50-8	0.859	0.05	0.05	462	462	
encapsulation	organic material	carbon black	1333-86-4	2.531	0.14		1361		
	plastics	epoxy resin	-	237.942	12.79		127914		
	inorganic material	silicondioxide	60676-86-0	1025.177	55.11	68.04	551118	680393	
leadfinish	non noble metal	tin	7440-31-5	9.724	0.52	0.52	5227	5227	
plating	noble metal	silver	7440-22-4	0.626	0.03	0.03	336	336	
solder	non noble metal	antimony	7440-36-0	0.363	0.02		195		
	noble metal	silver	7440-22-4	0.907	0.05		487		
	non noble metal	tin	7440-31-5	2.357	0.13	0.20	1267	1949	
heatspreader	non noble metal	iron	7439-89-6	0.139	0.01		75		
	inorganic material	phosphorus	7723-14-0	0.042	0.00		22		
	non noble metal	copper	7440-50-8	138.403	7.44	7.45	74403	74500	
*deviation	< 10%					Sum in total:	100,00	1000000	

Important Remarks:

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