



Material Content Data Sheet



Sales Product Name		ICE2A765P2		Issued		29. August 2013			
MA#		MA000044978							
Package		PG-TO220-6-47		Weight*		1951.30 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	9.727	0.50	0.50	4985	4985	
leadframe	non noble metal	iron	7439-89-6	1.367	0.07		701		
	inorganic material	phosphorus	7723-14-0	0.410	0.02		210		
	non noble metal	copper	7440-50-8	1365.438	69.98	70.07	699759	700670	
wire	non noble metal	aluminium	7429-90-5	0.389	0.02	0.02	199	199	
encapsulation	organic material	carbon black	1333-86-4	6.036	0.31		3094		
	inorganic material	antimonytrioxide	1309-64-4	12.622	0.65		6468		
	plastics	brominated resin	-	14.268	0.73		7312		
	plastics	epoxy resin	-	104.265	5.34		53433		
	inorganic material	silicondioxide	60676-86-0	411.572	21.09	28.12	210921	281228	
leadfinish	non noble metal	tin	7440-31-5	20.128	1.03	1.03	10315	10315	
plating	non noble metal	nickel	7440-02-0	0.204	0.01	0.01	105	105	
glue	plastics	Polyimide	26023-21-2	0.597	0.03	0.03	306	306	
solder	noble metal	silver	7440-22-4	0.107	0.01		55		
	non noble metal	tin	7440-31-5	0.086	0.00		44		
	non noble metal	lead	7439-92-1	4.085	0.21	0.22	2093	2192	
*deviation	< 10%					Sum in total:	100,00		1000000

Important Remarks:

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