



Material Content Data Sheet



Sales Product Name		IPD034N06N3 G		Issued		29. August 2013		
MA#		MA000505348						
Package		PG-TO252-3-11		Weight*		393.16 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	5.184	1.32	1.32	13185	13185
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		356	
	inorganic material	phosphorus	7723-14-0	0.042	0.01		107	
	non noble metal	copper	7440-50-8	139.706	35.52	35.57	355337	355800
wire	non noble metal	aluminium	7429-90-5	4.002	1.02	1.02	10178	10178
encapsulation	organic material	carbon black	1333-86-4	1.417	0.36		3603	
	plastics	epoxy resin	-	24.793	6.31		63060	
	inorganic material	silicondioxide	60676-86-0	115.463	29.37	36.04	293678	360341
leadfinish	non noble metal	tin	7440-31-5	3.740	0.95	0.95	9513	9513
plating	non noble metal	nickel	7440-02-0	0.091	0.02		231	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	232
solder	noble metal	silver	7440-22-4	0.099	0.03		253	
	non noble metal	tin	7440-31-5	0.079	0.02		202	
	non noble metal	lead	7439-92-1	3.796	0.97	1.02	9654	10109
heatspreader	inorganic material	phosphorus	7723-14-0	0.028	0.01		72	
	non noble metal	iron	7439-89-6	0.095	0.02		241	
	non noble metal	copper	7440-50-8	94.488	24.03	24.06	240329	240642
*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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