



Material Content Data Sheet



Sales Product Name	IDH06S60C			Issued		29. August 2013		
MA#	MA000703450							
Package	PG-TO220-2-1			Weight*		1969.52 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	2.300	0.12	0.12	1168	1168
leadframe	non noble metal	iron	7439-89-6	0.753	0.04		382	
	inorganic material	phosphorus	7723-14-0	0.226	0.01		115	
	non noble metal	copper	7440-50-8	751.797	38.17	38.22	381717	382214
wire	non noble metal	aluminium	7429-90-5	1.194	0.06	0.06	606	606
encapsulation	organic material	carbon black	1333-86-4	9.076	0.46		4608	
	plastics	epoxy resin	-	99.835	5.07		50690	
	inorganic material	silicondioxide	60676-86-0	496.151	25.19	30.72	251915	307213
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7355	7355
plating	non noble metal	nickel	7440-02-0	0.198	0.01		101	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	101
solder	noble metal	silver	7440-22-4	0.082	0.00		41	
	non noble metal	tin	7440-31-5	0.065	0.00		33	
	non noble metal	lead	7439-92-1	3.119	0.16	0.16	1584	1658
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		90	
	non noble metal	iron	7439-89-6	0.590	0.03		300	
	non noble metal	copper	7440-50-8	589.466	29.93	29.97	299295	299685
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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