



Material Content Data Sheet



Sales Product Name		IDP06E60		Issued		29. August 2013		
MA#		MA000693882						
Package		PG-TO220-2-1		Weight*		1963.11 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	0.440	0.02	0.02	224	224
leadframe	non noble metal	iron	7439-89-6	0.753	0.04		383	
	inorganic material	phosphorus	7723-14-0	0.226	0.01		115	
	non noble metal	copper	7440-50-8	751.797	38.30	38.35	382962	383461
wire	non noble metal	aluminium	7429-90-5	0.643	0.03	0.03	327	327
encapsulation	organic material	carbon black	1333-86-4	6.039	0.31		3076	
	plastics	epoxy resin	-	114.739	5.84		58448	
	inorganic material	silicondioxide	60676-86-0	483.110	24.61	30.76	246095	307619
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7380	7380
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	1	101
solder	non noble metal	antimony	7440-36-0	0.044	0.00		22	
	noble metal	silver	7440-22-4	0.110	0.01		56	
	non noble metal	tin	7440-31-5	0.287	0.01	0.02	146	224
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		90	
	non noble metal	iron	7439-89-6	0.590	0.03		301	
	non noble metal	copper	7440-50-8	589.466	30.03	30.07	300273	300664
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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