



Material Content Data Sheet



Sales Product Name		SGD06N60		Issued		29. August 2013		
MA#		MA000269724						
Package		PG-TO252-3-11		Weight*		384.05 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	1.575	0.41	0.41	4101	4101
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		364	
	inorganic material	phosphorus	7723-14-0	0.042	0.01		109	
	non noble metal	copper	7440-50-8	139.706	36.38	36.43	363769	364242
wire	non noble metal	aluminium	7429-90-5	0.490	0.13	0.13	1277	1277
encapsulation	organic material	carbon black	1333-86-4	1.421	0.37		3699	
	inorganic material	antimonytrioxide	1309-64-4	2.841	0.74		7398	
	plastics	brominated resin	-	2.841	0.74		7398	
	plastics	epoxy resin	-	28.411	7.40		73978	
	inorganic material	silicondioxide	60676-86-0	106.542	27.74	36.99	277419	369892
leadfinish	non noble metal	tin	7440-31-5	3.740	0.97	0.97	9738	9738
plating	non noble metal	nickel	7440-02-0	0.091	0.02		236	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	237
solder	noble metal	silver	7440-22-4	0.040	0.01		104	
	non noble metal	tin	7440-31-5	0.032	0.01		83	
	non noble metal	lead	7439-92-1	1.526	0.40	0.42	3974	4161
heatspreader	non noble metal	iron	7439-89-6	0.095	0.02		246	
	inorganic material	phosphorus	7723-14-0	0.028	0.01		74	
	non noble metal	copper	7440-50-8	94.488	24.60	24.63	246032	246352
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com