



## Material Content Data Sheet



<b>Sales Product Name</b>		IFX7805ABTF		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA000992662							
<b>Package</b>		PG-TO252-3-11		<b>Weight*</b>		398.57 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	1.237	0.31	0.31	3104	3104	
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		351		
	inorganic material	phosphorus	7723-14-0	0.042	0.01		105		
	non noble metal	copper	7440-50-8	139.706	35.05	35.10	350517	350973	
wire	non noble metal	aluminium	7429-90-5	0.143	0.04	0.04	360	360	
encapsulation	organic material	carbon black	1333-86-4	0.315	0.08		789		
	plastics	epoxy resin	-	14.469	3.63		36302		
	inorganic material	silicondioxide	60676-86-0	142.487	35.74	39.45	357495	394586	
leadfinish	non noble metal	tin	7440-31-5	3.740	0.94	0.94	9384	9384	
plating	non noble metal	nickel	7440-02-0	0.091	0.02		228		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	229	
solder	noble metal	silver	7440-22-4	0.040	0.01		100		
	non noble metal	tin	7440-31-5	0.032	0.01		80		
	non noble metal	lead	7439-92-1	1.517	0.38	0.40	3807	3987	
heatspreader	non noble metal	iron	7439-89-6	0.095	0.02		237		
	inorganic material	phosphorus	7723-14-0	0.028	0.01		71		
	non noble metal	copper	7440-50-8	94.488	23.71	23.74	237069	237377	
*deviation	< 10%					Sum in total:	100,00		1000000

### Important Remarks:

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