



Material Content Data Sheet



Sales Product Name		IFX7805ABTC		Issued		29. August 2013		
MA#		MA001089394						
Package		PG-TO263-3-1		Weight*		1595.99 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	0.08	0.08	775	775
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		191	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		57	
	non noble metal	copper	7440-50-8	304.026	19.05	19.08	190494	190742
wire	non noble metal	aluminium	7429-90-5	0.167	0.01	0.01	105	105
encapsulation	organic material	carbon black	1333-86-4	1.461	0.09		915	
	plastics	epoxy resin	-	67.189	4.21		42098	
	inorganic material	silicondioxide	60676-86-0	661.661	41.45	45.75	414576	457590
leadfinish	non noble metal	tin	7440-31-5	9.657	0.61	0.61	6051	6051
plating	non noble metal	nickel	7440-02-0	0.228	0.01		143	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	143
solder	non noble metal	lead	7439-92-1	1.517	0.10		951	
	noble metal	silver	7440-22-4	0.040	0.00		25	
	non noble metal	tin	7440-31-5	0.032	0.00	0.10	20	996
heatspreader	non noble metal	iron	7439-89-6	0.548	0.03		344	
	inorganic material	phosphorus	7723-14-0	0.165	0.01		103	
	non noble metal	copper	7440-50-8	547.666	34.32	34.36	343151	343598
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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