



Material Content Data Sheet



Sales Product Name		IFX1051SJ		Issued		27. September 2017		
MA#		MA001507260						
Package		PG-DSO-8-64		Weight*		81.48 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	1.493	1.83	1.83	18318	18318
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.035	0.04		427	
	non noble metal	iron	7439-89-6	0.696	0.85		8538	
wire	non noble metal	copper	7440-50-8	28.249	34.67	35.57	346690	355762
	non noble metal	copper	7440-50-8	0.079	0.10		969	
	noble metal	palladium	7440-05-3	0.001	0.00	0.10	10	979
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1782	
	plastics	epoxy resin	-	5.661	6.95		69481	
	inorganic material	silicondioxide	60676-86-0	42.581	52.28	59.41	522590	593853
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		123	
	noble metal	palladium	7440-05-3	0.010	0.01		123	
	non noble metal	nickel	7440-02-0	0.483	0.59	0.61	5926	6172
plating	noble metal	gold	7440-57-5	0.028	0.03		345	
	noble metal	palladium	7440-05-3	0.028	0.03		345	
	non noble metal	nickel	7440-02-0	1.349	1.66	1.72	16559	17249
glue	plastics	epoxy resin	-	0.156	0.19		1917	
	noble metal	silver	7440-22-4	0.468	0.57	0.76	5750	7667
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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