



Material Content Data Sheet



Sales Product Name				IFX1050G		Issued		27. September 2017	
MA#				MA001260884					
Package				PG-DSO-8-62		Weight*		82.18 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	3.700	4.50	4.50	45027	45027	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		105		
	non noble metal	zinc	7440-66-6	0.035	0.04		421		
	non noble metal	iron	7439-89-6	0.692	0.84		8427		
wire	non noble metal	copper	7440-50-8	28.118	34.22	35.11	342167	351120	
	non noble metal	copper	7440-50-8	0.078	0.10		955		
	noble metal	palladium	7440-05-3	0.001	0.00	0.10	10	965	
encapsulation	organic material	carbon black	1333-86-4	0.138	0.17		1677		
	plastics	epoxy resin	-	5.374	6.54		65402		
	inorganic material	silicondioxide	60676-86-0	40.423	49.20	55.91	491913	558992	
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		122		
	noble metal	palladium	7440-05-3	0.010	0.01		122		
	non noble metal	nickel	7440-02-0	0.483	0.59	0.61	5876	6120	
plating	noble metal	gold	7440-57-5	0.027	0.03		324		
	noble metal	palladium	7440-05-3	0.027	0.03		324		
	non noble metal	nickel	7440-02-0	1.277	1.55	1.61	15543	16191	
glue	plastics	epoxy resin	-	0.443	0.54		5396		
	noble metal	silver	7440-22-4	1.330	1.62	2.16	16189	21585	
*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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