



## Material Content Data Sheet



<b>Sales Product Name</b>		IFX54211MB V33		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001475314						
<b>Package</b>		PG-SCT595-5-1		<b>Weight*</b>		13.98 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	0.458	3.28	3.28	32757	32757
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		86	
	non noble metal	titanium	7440-32-6	0.006	0.04		432	
	non noble metal	chromium	7440-47-3	0.018	0.13		1297	
	non noble metal	copper	7440-50-8	6.019	43.04	43.22	430505	432320
wire	noble metal	gold	7440-57-5	0.026	0.19	0.19	1862	1862
encapsulation	organic material	carbon black	1333-86-4	0.053	0.38		3823	
	plastics	brominated resin	-	0.067	0.48		4779	
	inorganic material	antimonytrioxide	1309-64-4	0.134	0.96		9557	
	plastics	epoxy resin	-	1.216	8.70		86969	
	inorganic material	silicondioxide	60676-86-0	5.211	37.27	47.79	372725	477853
leadfinish	non noble metal	tin	7440-31-5	0.340	2.43	2.43	24291	24291
plating	noble metal	silver	7440-22-4	0.142	1.01	1.01	10121	10121
glue	plastics	epoxy resin	-	0.051	0.36		3639	
	noble metal	silver	7440-22-4	0.240	1.72	2.08	17157	20796
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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