



Material Content Data Sheet



Sales Product Name				IFX1117ME V33		Issued		25. September 2017	
MA#				MA000892950					
Package				PG-SOT223-4-21		Weight*		111.97 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	0.657	0.59	0.59	5864	5864	
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91		
	non noble metal	titanium	7440-32-6	0.051	0.05		453		
	non noble metal	chromium	7440-47-3	0.152	0.14		1358		
	non noble metal	copper	7440-50-8	50.489	45.06	45.26	450914	452816	
wire	noble metal	gold	7440-57-5	0.219	0.20	0.20	1959	1959	
encapsulation	organic material	carbon black	1333-86-4	0.465	0.42		4155		
	plastics	brominated resin	-	0.582	0.52		5193		
	inorganic material	antimonytrioxide	1309-64-4	1.163	1.04		10387		
	plastics	epoxy resin	-	10.583	9.45		94518		
	inorganic material	silicondioxide	60676-86-0	45.357	40.51	51.94	405078	519331	
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13075	13075	
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4582	4582	
glue	plastics	epoxy resin	-	0.046	0.04		415		
	noble metal	silver	7440-22-4	0.219	0.20	0.24	1958	2373	
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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